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# BIBLIOGRAPHY ON TULAREMIA

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References marked with an asterisk (\*) are those which are available for loan in the Fort Detrick Technical Library. This bibliography is being kept up-to-date by a file of current references which is available in the Library.

The 1950 bibliography on tularemia was revised and enlarged in 1954 and 1957. This 4th edition, with additional current references, covers the literature from 1919 to date. Sources of the references were: Abstracts of World Medicine, Agricultural Index, Bibliography of Agriculture, Biological Abstracts, Bulletin of Hygiene, Chemical Abstracts, Current List of Medical Literature, Excerpta Medica, Sections IV, VI, Index Catalogue of the Library of the Surgeon-General's Office, Index Veterinarius, Monthly List of Russian Accessions, Quarterly Cumulative Index Medicus, Veterinary Bulletin, Zentralblatt fur Bakteriologie Parasitenkunde Infektionskrankheiten und Hygiene, Abt. I, Referate.

It cannot be claimed that this bibliography contains every paper published during the years covered, but it is hoped that no serious omissions have occurred.

BIBLIOGRAPHY ON  
TULAREMIA

I. GENERAL

- \* Albert, H.  
Tularemia. Bull. Nevada State Bd. Health. p.1-6, 1926.
- \* Alexander, I. H.  
Tularemia. Penna. Game News. p.3, 28, 1944.
- \* Anthony, Carter H.  
Tularemia. Jen-Sal J. 26(6): 24, 1943.
- Arzt, L.  
Tularemia. Wien. klin. Wochschr. 58: 187-188, 1946.
- \* Atkins, P. N.  
Tularemia. Proc. Hillcrest Mem. Hosp. 5(1): 18-24, 1948.
- \* Baer, Harry L.  
Tularemia. Penna. Med. J. p.1-15, 1934.
- \* Banks, H. Stanley.  
Modern practice in infectious fevers. 2 vols. Paul B. Hoeber, Inc. (Med. Bk. Dept. Harper & Bros.) N. Y., 1951.
- Barnier, R.  
Tularemie. Jura Agric. #38: 1, 1947.
- Beckers, R.  
Tularemie. Arch. belges med. soc. hyg. 12(2): 55-63, 1954.
- Bierring, Walter L.  
Tularemia. Iowa Public Health Bull. 54(3): 1-16, 1940.
- Bizzarri, M.  
Tularemia; review of literature. Giorn. batteriol. immunol. 21: 442-463, 1938.
- Blades, J. M.  
Tularemia. Kentucky Med. J. p.323-326, 1932.
- Sogendorfer.  
Tularemia. Klin. Wochschr. 22: 761, 1943.
- Sooth, G. R.  
Tularemia. J. Oklahoma State Med. Assoc. 33: 15, 1940.
- Srammer, Fred E.  
Tularemia - the first American disease. West Va. Med. J. 27: 115-123, 1931.
- Brigham, George D.  
Tularemia; Pasteurella tularensis. Diagnostic Procedures & Reagents. 2d ed. p.123-136, 1945.

## I. GENERAL

- \* Brumpt, E.  
Distribution geographique actuelle de la Tularemie "Rabbit fever" on "Deer fly fever" et son extension eventuelle. Compt. rend. soc. biogeogr. 92: 42-47, 1934.
- Brusselmanns, P.  
Tularemie en torula-infectie. Belg. tijdschr. geneesk. 5(20): 961, 1949.
- Campbell, A. J.  
Tularemia. U. S. Veterans' Bur. Med. Bull. 4: 228-231, 1928.
- Caramanian, M. K.  
La tularemie. Gaz. Med., France. 57: 1099-1105, 1950.
- Castay, P.  
Où en sommes-nous de la tularemie? Bull. Soc. Med. (Paris). 48(2): 2758-2773, 1948.
- Clement, R.  
Rouveaux aspects de la tularemie. Presse med. 35: 1608-1610, 1927.
- \* Dangers of tularemia. Illinois Health Messenger. 20(22): 78-79, 1948.  
Monthly Health Rev. Rhode Island. p.3, 1937.
- David, H.  
Uebersicht ueber die Tularemie vom veterinar-medizinischen Standpunkt. Dermatol. Wochschr. 118: 154, 1944.
- Devijkoff, P. P.  
Tularemia. Klin. Med. (USSR). 8: 715-722, 1930.
- Eckel, J.  
Ueber neuerliches gehauftes Auftreten von tularemie. Wien. klin. Wochschr. 58(5): 75-76, 1946.
- Favilli, G.  
La tularemia. Bol. ist. sieroterap. milan. 7: 103-113, 1928.
- \* Flick, J. B.  
Tularemia. Ann. Surg. p.737-740, 1926.
- \* Foshay, Lee.  
Tularemia. Ann. Rev. Microbiol. 4: 313-330, 1950.
- \* Modern Med. Therapy in Gen. Practice. p.1339-1358, 1940.
- \* Francis, Edward.  
History of tularemia. De Lamar Lectures. p.94-115, 1926-27.
- \* Francis, Edward.  
The occurrence of tularemia in nature as a disease of man. Public Health Repts. 36: 1731-1738, 1921.
- \* Francis, Edward.  
Sources of infection and seasonal incidence of tularemia in man. Public Health Repts. 63: 103-113, 1937.
- \* Francis, Edward.  
A summary of present knowledge of tularemia. Medicine. 7: 411-432, 1928.

## I. GENERAL

- \* Francis, Edward.  
Tularemia. Amer. J. Nursing. 34: 1-5, 1934.
- Ann. Clin. Med. 4(1): 8-12, 1925.
- \* Atlantic Med. J. 30: 337-344, 1927. (1948 revision, 34p.)
- Bull. St. Louis Med. Soc. 26: 153-161, 1931.
- \* Handb. pathol. mikroorg. 6: 16, 1928.
- \* J. Amer. Med. Assoc. 84: 1243-1250, 1925.
- \* Oxford Med. 4: 955-989, 1948.
- \* Military Surgeon. 80: 60-66, 1937.
- \* Tice's Practia Med. 3: 663-678, 1941.
- \* The doctors talk it over, Nov. 20, 1945. (Radio program)
- \* Francis, Edward.  
Tularemia; how to prevent and control it. Educ. Health Circ. #31. Springfield, Illinois. Dept. Public Health, 1927.
- \* Francis, Edward.  
Tularemia; a new disease of man. Intern. Clin. 2(Series 33): 73-78, 1922.
- \* Francis, Edward.  
Tularemia; Second Ludvig Hedtoen lecture of the Billings Foundation. Proc. Inst. Med. (Chicago), 1926.
- \* Francis, Edward.  
Tularemia Francis 1921; a new disease of man. J. Amer. Med. Assoc. 78: 1015-1020, 1922.
- U. S. Public Health Serv. Hyg. Lab. #130: 1-87, 1922.
- \* Freedlander, S. O.; and Grassberg, M. H.  
Tularemia. J. Amer. Med. Assoc. 88: 475-476, 1927.
- Fulmer, S. C.  
Tularemia. J. Arkansas Med. Soc. 24: 61-67, 1927.
- Galli-Valeric, B.  
Observations sur l'agent specifique de la tularemie. Schweiz. med. Wochschr. 68: 1206-1207, 1938.
- Garterson, J. H.  
Tularemia. Intern. Clin. 1: 46-52, 1928.
- \* Giddens, W. R.; Wilson, J. W.; Dienst, F. T., Jr.; and Hargrove, M. D.  
Management of tularemia. Mod. Med. 25: 82-83, 1957.
- Gillett, W. G.  
Tularemia. J. Kansas Med. Soc. 27: 77-79, 1927.
- Girard, G.  
Tularemia (practical notes). Paris med. 38(25): 317-320, 1948. Excerpta Med. (IV) #2602 (1949).
- Gosset, J. R.  
La tularemie. Concours med. 69(42): 1740-1741, 1947.
- Granstrom, K. O.  
Tularemia oculoglandularis. Acta Ophthalmol. Separatum. 10: 1-2, 1932.
- Green, R. G.  
Tularemia; a hunter's problem. Ohio Conservation Bull. 6: 12-13, 1942.
- Green, Robert G.; and Evans, Charles A.  
Tularemia. Staff Meeting Bull. Hosp. Univ. Minnesota. 15(11), 1944.

## I. GENERAL

- Grumbach, A.  
Tularemia; bacteriologic study,  
review of literature. Schweiz.  
med. Wochschr. 62: 678-680, 1932.
- Guilford, H. M.  
Tularemia. Wisconsin Med. J.  
46(2): 235, 1947.
- Gutermuth, Clinton R.  
Tularemia research project.  
Indiana State Med. Assoc. 35(4):  
229-230, 1942.
- Hadley, H. G.  
Tularemia. J. Med., Sept. 1941.
- Harris, Chester E.  
Tularemia. Med. Sentinel.  
p. 6-15, 1924.
- Hegler, G.  
Tularemie. Wehrhygiene.  
(Handloser, S.). Berlin, 1944.  
(p. 127-129)
- Henninger, E.  
Observations and research on  
tularemia. Report of the 17th  
"Deut. Verein. Mikrobiol.",  
Sept. 20-22, 1937.
- Hull, T. G.  
The economic aspects of tularemia.  
Med. Women's J., August 1928.
- \* Hull, Thomas G.  
Tularemia. Hygeia. 21: 714-715;  
738, 1943.
- Huseyin, Kemal.  
Memleketimizdeki Tularemii  
insanlara nasil geciyor? Tedavi  
Klin. Lab. 7(27), 1937.
- Jawetz, Ernest; Melnick, Joseph L.;  
and Adelberg, Edward A.  
Review of medical microbiology.  
2d ed. Lange Medical Publications,  
Los Altos, California, 1956.  
(p. 183-185)
- Khatenever, L. M.  
Tularemia. Soc. Physicians  
Gaz. p. 533-541, 1935.
- Klose, F.; and Maassen, W.  
Tularemia or morbus Bang.  
Monatsschr. Unfallh. 55(9):  
271-276, 1952.
- Lacorte, J. G.  
Pasteurella tularensis and  
tularemia. Acta Med. (Rio de  
Janiero). 2: 367-376, 1938.
- Lang, H.  
Tularemia. Mich. State Coll.  
Rev. 7: 120-123; 136, 1947.
- Lawless, T. K.  
Tularemia. Arch. Dermatol. &  
Syphilol. 44: 147-160, 1941.
- Le Blaye, R.  
La tularemie, maladie infect-  
ieuse nouvelle observee en  
Amerique. Arch. med.-chir.  
12: 301-304, 1922.
- \* Ledingham, J. C. G.  
Some observations on tularemia.  
J. Pathol. Bact. 26: 132-133,  
1923.
- \* Levin, William P. H.  
Tularemia. Bull. Med. Library  
Assoc. 29(1): 17-22, 1940.

## I. GENERAL

- Libbrecht, L.  
Tularemia. Belg. tijdschr. geneesk. 10(19): 937-944, 1954.
- \* Love, Julian.  
Tularemia. U. S. Naval Med. Bull. 36(1): 6p., 1938.
- Lucas, A.; Andral, G.; and Paraf, Q.  
La tularemie. Rec. Med. Vet. 126(9): 519-534, 1950.
- McClanahan, R. H.  
Tularemia. Amer. J. Med. Technol. 5: 235-240, 1939.
- McKinney, E. P.  
Tularemia - a recapitulation. Med. Record, Nov. 1940.
- \* McLaughlin, A. J.; and Jones, W. M.  
Tularemia. St. Louis Med. Soc. Weekly Bull. 20, May 20, 1926.
- Maikii, I. N.  
Ch'to tularemia. AFML 53-12716.
- Marchal, J. G.  
La tularemie. Bull. assoc. diplomes microbiol. fac. pharm. Nancy. #35: 24-26, 1949.
- Martin, Ancil.  
Tularemia. Southwestern Med. 10: 249, 1946.
- Meersseman, F.  
Critical and bibliographic study of tularemia. Rev. hyg. 57: 591-622, 1935.
- Mihaljevic, F.; Falisevac, J.; and Bezjak, B.  
Tularemia. Med. Glas. 7(11-12): 393-399, 1953.
- \* Miller, H. E.; and Taussig, L. R.  
Tularemia. Arch. Dermatol. & Syphilol. 19: 378-387, 1929.
- Mollaret, P.  
Au sujet de la tularemie. Bull. soc. med. hop. Paris. 63(21-22): 579, 1947.
- \* Monnet, Paul.  
Tularemia. J. Med. Lyon. 29(690): 687-695, 1948.
- \* Morgan, Banner Bill.  
My experience with tularemia. Vet. Student. p.51-52, 1940.
- \* Nakada, J. R.  
Tularemia. J. Missouri State Med. Assoc. p.120-122, 1933.
- Nesterov, A. N.  
Tularemia. AFML 53-15621.
- Ory, E. M.  
Tularemia. Amer. J. Nursing. 48: 387-389, 1948.
- \* Parker, R. R.  
Tularemia. 17th Conf. Amer. Game Assoc. Manuscript, Dec. 1930. 9p.
- \* Perea, Juan Alanis.  
Tularemia. Bol. Mens. Sanit. Coordinados Michoacan, II(9-10): 115-140, 1941.
- Perrault.  
Lamaladie dont on parle; la tularemie. Progres Med. #48: 1691, 1937.
- Pinkerton, C. C.; and Merkwith, R. H.  
Tularemia. Ann. Surg. 86: 922-927, 1927.

## I. GENERAL

- \* Postma, G.  
Can Bacillus tularensis infect man per Os? Tijdschr. Diergeneesk. 65(5): 1-4, 1938.
- \* Postma, G.  
Human plague and tularemia. Tijdschr. Diergeneesk. 68(11): 571-587, 1941.
- Postma, G.  
Tularemia. Tijdschr. Diergeneesk. 64: 851-865, 1937.  
Bull. Hyg. 12: 882, 1937.
- \* Ibid: 64(16), 1937.
- \* Ibid: 64(21): 1-2, 1937.
- Poulet, J.  
La tularemie. Bull. Med., Paris. 64(16): 345-353, 1950.
- \* Pullen, R. L.; and Stuart, B. M.  
Tularemia. New Orleans Med. Surg. J. 98: 126-132, 1945-46.
- Randerath, E.  
Tularemia. Zentr. allgem. Pathol. u pathol. Anat. 82: 315, 1944.
- Reich, H.  
Tularemia; its history and geography. Hautarzt (Berlin). 3: 385-390, 1952.
- Rille, J. H.  
Tularemia in German literature. Dermatol. Wochschr. 123: 463-464, 1951.
- Robert, V. P.  
Tularemia; review of literature. Dermatologica. 80: 98-107, 1939.
- \* Roller, E. D.  
Tularemia. West Va. Med. J. p.112-123, 1931.
- \* Rosenthal, S. D.  
Tularemia. Illinois Med. J. 68: 80-83, 1935.
- \* Rossen, R. W.  
A tularean looks at tularemia. Calif. Med. 68(3): 137-140, 1948.
- \* Rubnitz, A. S.; and Harris, A. M.  
Tularemia. Nebraska State Med. J. 26: 164, 1941.
- \* Sanchez, S. E.  
Tularemia. J. Med. Assoc. Georgia. 20(3), March 1931.
- Shanholtz, M. I.  
Public health: tularemia. Virginia Med. Monthly. 80(12): 680, 1953.
- \* Shelton, Turner S.  
Tularemia. J. Amer. Med. Assoc. 84: 1019-1020, 1925.
- \* A short discussion of tularemia. Calif. State Dept. Public Health Weekly Bull. 8: 169-172, 1929.
- \* Simmons, Arthur Hugh.  
Tularemia. J. Natl. Med. Assoc., Jan-March 1931. 8p.
- \* Simpson, W. M.  
Recent developments in tularemia (Francis' disease) with a report of 11 additional cases. J. Lab. Clin. Med. 15: 311-321, 1930.
- \* Simpson, Walter M.  
Tularemia (Francis' disease) critique sect. Intern. Surg. Dig. 6: 131-136, 1928
- \* Simpson, W. M.  
Tularemia (Francis' disease). U. S. Navy Med. Bull. 26(4): 825-833, 1928.

## I. GENERAL

- \* Simpson, W. M.  
Tularemia; history, pathological diagnosis and treatment. New York, Paul B. Hoeber, Inc., 1929.
- \* Smith, E. F.  
Tularemia. Delaware State Med. J., August 1931.
- Sonnenchein, G.  
Tularemia. Klin. Monatsbl. Augenheilk. 1: 267-276, 1933.
- South, L. H.  
Tularemia. Kentucky Med. J. 37: 38, January 1939.
- Stewart, H. C.  
Tularemia. J. Tenn. State Med. Assoc. 20: 315-318, 1928.
- Symposium on tularemia. Bull. Charleston Gen. Hosp. 11: 48, 1939.
- Tillman, S. G.  
Nursing care of the patient with tularemia. Amer. J. Nursing. 48: 189, 1948.
- \* Tularemia. J. Amer. Med. Assoc. 14(2): 2310-2311, 1940.
- Illinois Health Messenger. 19(20): 77, 1947.
- Public Health Repts. 55: 667-670, 1940.
- \* State of Montana. Dept. Public Health Special Bull. #46, May 1933. 3p.
- \* Tularemia and its congenors. Lancet. 1: 244, 1923.
- \* Tularemia (rabbit fever). Public Health Repts. 55: 667-670, 1940.
- Turgut, Argun.  
Tularemia. Askeri vet. mecmisai. 15: 245-262, 1938.
- Vail, D. T., Jr.  
Statement regarding the discoverer of tularemia. J. Med., February 4, 1932.
- Vanel, G.  
Gnicheteurs. Attention a la tularemie. Avic. Bass-Cour. 4: 61, 1948.
- \* Verge, J.; and Saurat, P.  
Les maladies communes a l'homme et aux animaux. La tularemie. Rev. Med. vet. 98: 289-313, 1947.
- Wagner, H.  
Tularemia. In: Wehrmedizin (Zimmer, A.). Wien. 3: 62-96, 1944.
- Want, Mary Lou.  
Tularemia (student nurses' case report). Amer. J. Nursing. 34: 29-30, 1934.
- \* Watts, H. C.  
Tularemia. U. S. Veterans' Bur. Med. Bull. 4(7): 631-634, 1928.
- Webb, R. G.  
Tularemia. Kentucky Med. J. 40: 228-230, June 1942.
- Wehrle, E.  
Tularemia. Berlin. tierarztl. Wochschr. 49: 3-2, p. 511, August 11, 1939.
- Wherry, W. B., and Lamb, B. H.  
Infection of man with *Bacterium tularensis*. J. Infectious Diseases. 15: 331-340, 1914.
- Wright, H. E.  
Tularemia. Prev. Med. World War II, Wash. 8: 208-211, 1948.

## I. GENERAL

Zembrzuski, K.  
Oculo-bubonic form of tularemia.  
Klin. Oczna. 24(1): 29-34, 1954.

## II. DIAGNOSIS, DETECTION AND IDENTIFICATION

- Berinskaya, A. N.  
Pozdnie redicivy tularemii i  
ikh klinika (Late recurrence of  
tularemia and its diagnosis).  
Klin. Med. (USSR). 25: 88-92, 1947.
- Berinskaya, A. N.  
Tularemia pneumonia, clinical  
aspects, diagnosis and therapy.  
Soviet Med. 5(13-14): 28, 1941.
- Berinskaya, A. N.  
Value of cutaneous reaction to  
tularemia and of agglutinstion  
reaction in diagnosis of tularemia.  
Soviet Med. 5(15-16): 25, 1941.
- Berinskaya, A. N.; and Afanasev,  
M. V.  
Intracutaneous allergic reaction  
and its diagnosis. Klin. Med.  
(USSR). 19(10-11): 59-62, 1941.
- Berry, F.  
Tularemia with specific reference  
to cases in Ohio and methods for  
their recognition. Ohio State Med.  
J. 24: 457-460, 1928.
- Bizzozero, R. C.  
Etiology and diagnosis of tula-  
remia. Dia. med. 2: 442, 1930.
- \* Blackford, S. D.  
Tularemia in differential diagnosis;\* a review of thirteen cases. Virginia  
Med. Monthly. 58: 10-13, 1931.
- Bogendorfer, L.  
Tularemia; diagnosis, aggluti-  
nation, skin reactions, epidemic-  
logy and serology. 1st Conf.  
Med. Consultants Wehrmacht.  
Proj. 1(Pt. 10): 147-149, 1948.
- Carle, R.  
The ecological complex which  
determines the chain of infect-  
ion in tularemia, plague, malaria,  
and sandfly fever in South Russia.  
"eit. Tropenmed. u Parasitol.  
2(4): 558-602, 1951.  
Bull. Hyg. 26: 1085, 1951.
- Coan, G. L.  
Case of tularemia with unusual  
aspects in differential diagnosis.  
J. Michigan State Med. Soc. 27:  
825-826, 1928.
- \* Damon, S. R.; and Johnson, M. B.  
A rapid agglutination test for  
the diagnosis of tularemia.  
J. Lab. Clin. Med. 29: 976-977,  
1944.
- \* David, H.  
Zur diagnose der Tularemie des  
Menschen und der ture. Zentr.  
Bakteriol. Parasitenk. Abt. I.  
Orig. 140: 110-113, 1937.
- \* Dickey, Francis G.  
Tularemia; a diagnostic and  
therapeutic study. Bull. School  
Med. Univ. Maryland. 24(3):  
143-150, 1940.

## II. DIAGNOSIS, DETECTION AND IDENTIFICATION

- Doepfmer, R.  
Early diagnosis of tularemia by the aid of a skin test. Med. Klin. 47: 768-771, 1952.  
Bull. Hyg. 28: 114, 1953.
- \* Downs, Cora M.  
The laboratory diagnosis of tularemia. Medical Woman's J., Feb. 1941.
- \* Drobinsky, I. R.  
Comparative evaluation of subcutaneous testing with tularemia, of intracutaneous testing and of the agglutination reaction in tularemia. Zhur. Mikrobiol. Epidemiol. Immunobiol. #7-8: 43-47, 1945.
- \* Drobinsky, I. R.  
The immunobiological diagnosis of tularemia. Zhur. Mikrobiol. Epidemiol. Immunobiol. #7-8: 13-22, 1943.  
Biol. Abstr. #8611 (1946).
- \* Fjodoroff, W. N.; and Goldstern, H.  
Spezifische hautreaktion bei tularemie. Klin. Wochschr. 13(Pt. 2) (48): 1723-1724, 1934.
- \* Foshay, L.  
Aids in the diagnosis and treatment of tularemia. J. Med. 15: 186, 1934.
- \* Foshay, Lee.  
Diagnosis and treatment of tularemia. Postgrad. Med. 4(4): 315-321, 1948.
- \* Foshay, Lee.  
Tularemia; accurate and earlier diagnosis by means of the intra-dermal reaction. J. Infectious Diseases. 51: 286-291, 1932.
- \* Foshay, Lee.  
Tularemia; a summary of certain aspects to the disease including methods for early diagnosis and the results of serum treatment in 600 patients. Medicine. 19: 1-83, 1940.
- \* Francis, Edward.  
Symptoms, diagnosis and pathology of tularemia. J. Amer. Med. Assoc. 91: 1155-1161, 1928.
- \* Francis, Edward; and Moore, Dunlop.  
Identity of O'Hara's disease and tularemia. J. Amer. Med. Assoc. 86: 1329-1332, 1926.
- \* Friedewald, William F.; and Hunt, George A.  
The diagnosis of tularemia. Amer. J. Med. Sci. 197: 493-502, 1939.
- Gaede, D.; and Kairies, A.  
Untersuchungen zur Epidemiologie und Diagnostik der Tularemie. Deut. Militärarzt. 8: 30-35, 1943.  
Bull. Hyg. 20: 673, 1945.
- \* Girard, G.  
Direct isolation of a human strain of Brucella tularensis from the serum fluid of cutaneous lesions. Ann. Inst. Pasteur. 78(6): 786-788, 1950.  
Excerpta Med. (III) #5390 (1950).
- \* Girard, G.; and Chevalier, A.  
Complimentary findings relative to the serodiagnosis of tularemia. Compt. rend. soc. biol. 144: 343-345, 1950.  
Biol. Abstr. #37098 (1951).

## II. DIAGNOSIS, DETECTION AND IDENTIFICATION

- \* Girard, G.; and Chevalier, A.  
Stabilized suspensions of *Pasteurella tularensis* for sero-diagnosis of tularemia. *Compt. rend. soc. biol.* 143(11-12): 833-834, 1949. *Excerpta Med. (IV)* #1464 (1950).
- \* Girard, G.; Gordier, P.; and Garnier, P.  
Isolation of the first autochthonous human strain of *Pasteurella tularensis*. *Ann. inst. Pasteur.* 77(3): 314-316, 1949. *Excerpta Med. (IV)* #1465 (1950).
- \* Goodyear, Henry M.  
Tularemia: assimilating symptoms of an acute ethmoid, sphenoid infection. *Laryngoscope*, Oct. 1940.
- \* Hollax, G.  
*Uur symptomatologie und diagnose der tularemie.* Deut. Militararzt. 9(3): 137-142, 1944. Bull. Hyg. 20: 322, 1945.
- Hozowski, T. and Mysliwicz, H.  
Tularemia of the cervical lymph nodes erroneously diagnosed as tuberculosis. *Gruzdica.* 23: 300-304, 1955.
- \* Hull, Thomas G.  
A presumptive test for tularemia. *Amer. J. Public Health.* 19: 423-424, 1929.
- Jawetz, Ernest, Melnick, Joseph L.; and Adelberg, Edward A.  
Review of medical microbiology. 2d ed. Lange Medical Publications, Los Altos, California, 1956. (p.183-185)
- \* Johnson, H. N.  
Isolation of *Bacterium tularensis* from the sputum of an atypical case of human tularemia. *J. Lab. Clin. Med.* 29: 903-905, 1944.
- \* Khatenever, L. M.  
Timely laboratory diagnosis of tularemia as a base of the control and prophylaxis in this infection. *Zhur. Mikrobiol. Epidemiol. Immunobiol.* #7-8: 3-9, 1943. *Biol. Abstr.* #8603 (1946).
- \* Khatenever, L. M.  
Tularin as a preparation of specific and early tularemia diagnostics. *Arch. Biol. Nauk.* 61(2): 3-12, 1941.
- Kutzleb, H. J.  
Diagnosis and treatment of tularemic abscesses. *Deut. zahnärztl. Zeit.* 4(15): 997-1001, 1949. *Excerpta Med. (VI)* #3623 (1950).
- Lacorte, J. G.  
Processos de laboratório para o diagnóstico da tularemia. *Acta Med. (Rio de Janeiro).* 11: 132-134, 1943.
- \* Landsied, Anton.  
Ein Beitrag zur Epidemiologie und symptomatologie der Tularemie. *Deut. Militararzt.* 7: 644-647, 1942.
- \* Larson, C. L.  
The application of the Ascoli test in tularemia. *J. Bact.* 54(1): 83, 1947.

## II. DIAGNOSIS, DETECTION AND IDENTIFICATION

- \* Larson, Carl L.  
Isolation of *Pasteurella tularensis* from sputum; a report of successful isolations from three cases without respiratory symptoms. *Public Health Repts.* 60: 1049-1053, 1945.
- Lavergne, V. H., de; Helluy, J.; Beurey, J.; and Dornier, R.  
Diagnosis of tularemia by means of intradermal injection of "tularine". *Bull. acad. natl. med. (Paris)*. 134(5-6): 135-136, 1950.
- Lavergne, V., de; Pierquin, L.; Helluy, J. R.; and Dornier, R.  
An aetiological, clinical, diagnostic and therapeutic study of fifty cases of tularemia in Lorraine. *Bull. mem. soc. med. hop. Paris*. 66: 476-482, 1950.
- \* Lufkin, N. H.; and Evenson, A. E.  
Tularemia diagnosed by routine blood culture. *J. Lab. Clin. Med.* 22: 346-350, 1937.
- \* Lewis, S. J.  
Some observations on simple blood smear agglutination tests in tularemia, typhus and undulant fever; a preliminary report. *New Orleans Med. Surg. J.* 83(1): 26-29, 1930.
- \* McDaniels, H. E.  
Tularemia; rapid agglutination test. *Amer. J. Public Health*. 21: 552, 1931.
- \* MacKenzie, E. A.  
Tularemia; a problem in diagnosis. *Can. Med. Assoc. J.* 54: 485, 1946.
- Magath, T. B.  
Tularemia; diagnosis and treatment. *Med. Clin. N. Amer.* 21: 855-886, May 1937.
- Marcus, H.; and Santemma, E. E.  
Tularemic pneumonia diagnosed by streptomycin response. *N. Y. State J. Med.* 50(4): 461-462, 1950.
- \* Moss, E. S.; and Weilbaecher, J. O.  
Recent advances in the diagnosis and treatment of tularemia. *Southern Med. J.* 34: 512-517, 1941.
- Muraviev, N. V.; and Ivanova, T. E.  
Methods of serological diagnosis of tularemia. *Zhur. Mikrobiol. Epidemiol. Immunobiol.* #7-8: 10-13, 1943.  
*Biol. Abstr.* #8618 (1946).
- \* Ohara, Hachiro.  
Identity of Yata Byo (O'Hara's disease) and tularemia. *Zentr. Bakteriol. Parasitenk. Abt. I. Orig.* 117: 440-450, 1930.
- Paille, R.  
Tularemia. Contribution to experimental diagnosis. *Bull. acad. vet. France*. 23(?): 377-379, 1950.
- \* Parnas, J.  
Untersuchungen über diagnostische Allergene bei der Brucellose, der Tularemie, dem Malleus und dem Rotlauf. *Zeit. Immunitätsforschung*. 114(2/3): 186-205, 1957.
- Pashkov, T. B.  
Differential diagnosis of tularemia and brucellosis in swine. *Veterinariia*. 27: 19-22, 1950.
- \* Pessin, S. B.  
Tularemia; etiology, diagnosis, and treatment. *Wisconsin Med. J.* 35: 448, June 1936.

## II. DIAGNOSIS, DETECTION AND IDENTIFICATION

- \* Ransmeier, J. C.; and Ewing, C. L.  
The agglutination reaction in tularemia. *J. Infectious Diseases.* 69: 193-205, 1941.
- Schulzen, H.  
zur Differentialdiagnose zivischen tularemie und tuberkulose. *Deut. med. Wochschr.* 69: 683-685, 1943.
- \* Shaw, F. W.; and Hunnicutt, Thomas.  
Direct isolation of *Bacterium tularensis* from axillary abscesses. *J. Lab. Clin. Med.* 16: 46-48, 1930-31.
- \* Sieke, F.  
Pathogenesis and symptomatology of tularemia. *Klin. Wochschr.* 9: 120-122, 1930.
- Sievers, O.  
Symptoms of tularemia and its possible occurrence in Finland. *Finska Lak-Sallsk Handl.* 75: 800-818, 1933.
- Sil'chenko, V. S.  
Errors in diagnosis of tularemia and their causes. *Klin. med. (USSR).* 31(6): 50-53, 1953.
- Taylor, R. R.  
Report on tularemia; its diagnosis and treatment. *J. Arkansas Med. Soc.* 47(2): 47-50, 1950.
- Theron, B.  
La tularemie du lievre et du lapin de garenne existe-t-elle en France? Les elements du diagnostic differential. Thesis: Ecole Natl. Vét. Alfort. Paris, 1950.
- \* Tovar, R. M.  
Bedside agglutination test with whole blood for rapid diagnosis of tularemia. *Proc. Soc. Exptl. Biol. Med.* 62: 67-69, 1946.
- Tovar, R. M.  
Simplificacion del diagnostico bacteriologico dela Brucellosis. Descripcion de un nuevo medio de cultivo. *Rev. med. hosp. ital.* 7(1): 1-9, 1944.
- \* Tovar, Raul M.  
Tularemia, formas clinicas y diagnostico de laboratorio. Univ. Nuevo Leon An. Inst. Invest. Cient. #1: 95-113, 1944.
- Tularemia; classification, diagnosis and treatment. *Roche Rev.* p.67, Dec. 1937.
- Tumanskiy, V. M.; and Kolesnikova, Z. I.  
Diagnosis of tularemia in wild rodents by means of intracutaneous allergic reaction. *Vestnik Mikrobiol. Epidemiol. Parazitol.* 15: 322-324, 1936.
- Wolffertz, A.  
A skin test in tularemia according to the method of Pirquet. *Vestnik Mikrobiol. Epidemiol. Parazitol.* 13: 277-278, 1934.  
*Bull. Hyg.* 10: 579, 1935.

### III. MORPHOLOGY AND METABOLISM

- \* Berkman, Sam.  
Accessory growth factor requirements of the members of the genus Pasteurella. *J. Infectious Diseases*. 71: 201-211, 1942.
- \* Berkman, Sam; and Koser, Stewart.  
Accessory growth factor requirements of the genus Pasteurella. *J. Bact.* 41: 38-39, 1941.
- \* Brigham, G. D.; and Rettger, L. F.  
A systematic study of the Pasteurella genus and certain closely related organisms. *J. Infectious Diseases*. 56: 225-237, 1935.
- \* Buddingh, G. J.; and Womack, F. C.  
Observations on the infection of chick embryos with Bacterium tularensis, Brucella and Pasteurella pestis. *J. Exptl. Med.* 74: 213-222, 1941.
- Chalusov; and Snaskay.  
Morphology of tissue alterations obtained by living tularemia vaccine. *Arkh. patol.* 10: 34-41, 1948.
- \* Downs, Cora M.; and Bond, Glenn C.  
Studies on the cultural characteristics of Pasteurella tularensis. *J. Bact.* 30: 482-490, 1935.
- \* Downs, Cora M.; Coriell, L. L.; Chapman, S. S.; and Klauber, Alice.  
The cultivation of Bacterium tularensis in embryonated eggs. *J. Bact.* 53(1): 89-100, 1947.
- \* Eigeslbach, Henry T.; Chambers, Leslie A.; and Coriell, Lewis L.  
Electron microscopy of Bacterium tularensis. *J. Bact.* 52(2): 179-185, 1946.
- \* Engley, F. B.; and Snyder, T. L.  
Plating media requirements for certain strains of Bacterium tularensis. *J. Bact.* 51: 573, 1946.
- Fleming, Dorothy E.  
Studies on the nitrogen metabolism of Bacterium tularensis. Cincinnati Unit. Doctoral Dissertations, 1954.
- \* Fleming, Dorothy E.; and Foshay, Lee.  
Studies on the physiology of virulence of Pasteurella tularensis. I. Citrulline ureidase and deamidase activity. *J. Bact.* 70(3): 345-349, 1955.
- \* Foshay, Lee.  
A culture medium for the rapid growth of Pasteurella tularensis. *Amer. J. Clin. Pathol.* 3: 379, 1933.
- \* Foshay, Lee.  
Introduction of avirulence in Pasteurella tularensis. *J. Infectious Diseases*. 51: 280-285, 1932.
- \* Foshay, Lee.  
"Isolation of Pasteurella tularensis". Personal communication, dated Dec. 6, 1943. 3p.
- \* Foshay, Lee; and Hesselbrock, W.  
Some observations on the filterability of Bacterium tularensis. *J. Bact.* 49: 233-236, 1945.
- \* Francis, Edward.  
Fermentation of sugars by Bacterium tularensis. *J. Bact.* 43: 343-346, 1942.

### III. MORPHOLOGY AND METABOLISM

- \* Francis, Edward.  
Cultivation of Bacterium tularensis on media new to this organism. Public Health Repts. 37: 102-115, 1922.
- \* Francis, Edward.  
Cultivation of Bacterium tularensis on three additional media new to this organism. Public Health Repts. 37(17): 987-989, 1922.
- \* Francis, Edward.  
Tularemia. I. The amino acid cystine in the cultivation of Bacterium tularensis. Public Health Repts. 38: 1396-1404, 1923.
- Francis, Edward.  
Tularemia. Culture medium for Bacterium tularensis. Natl. Inst. of Health, Jan. 2, 1936.
- \* Gaspar, Andrew J.; and Leise, Joshua M.  
Inhibitory effect of grid imprints on growth of Pasteurella tularensis on membrane filters. J. Bact. 71(6): 728-731, 1956.
- \* Gibby, I. W.; Nicholas, P. S.; Tamura, J. T.; and Foshay, L.  
The effects of an extract of blood cells upon the cultivation of Bacterium tularensis in liquid media. J. Bact. 55(6): 855-863, 1948.
- \* Quintini, J.; and Girard, G.  
Morphologie et dimensions de l'agent étiologique de la tularemie observée au microscope électronique. Ann. inst. Pasteur. 74: 412-416, 1948.  
Excerpta Med. (IV) #174 (1949).
- Haga, T.; and Ohara, H.  
Biological examination of the Ohara-Haga coccus. Japan. Med. World. 6: 333-335, 1926.
- Hesselbrock, William Bernard.  
Newer aspects of the biology and morphology of Bacterium tularensis. Cincinnati Univ. Doctoral Dissertations, 1943.
- \* Hesselbrock, W.; and Foshay, L.  
The morphology of Bacterium tularensis. J. Bact. 49(3): 209-231, 1945.
- \* Hill, Robert L.; and Mills, R. C.  
Anaerobic glucose metabolism of Bacterium tularensis. Arch. Biochem. & Biophys. 53(1): 174-183, 1954.
- Kalitina, T. A.; and Gindin, A. P.  
Morphologic characteristics of cutaneous reaction in tularemia. Biul. Eksp. Biol. Med. 40(8): 66-68, 1955.
- Kamil, S.; and Golem, S. Bilal.  
Laboratory experiments in tularemia. Turk. zeit. Hyg. exptl. Biol. 1: 155-157, 1938.
- Karpov, S. P.; and Popov, V. M.  
About the classification of natural nuclei in tularemia. Zhur. Mikrobiol. Epidemiol. Immunobiol. #6: 57, 1953.
- \* Knothe, H.  
Behaviour of aerobic bacteria in fowl embryos. II. Cultivation of staphylococci, meningococci, streptococci, pneumococci, Brucella tularensis, Pasteurella pestis and Brucella abortus. Zentr. Bakteriol. Parasitenk. Abt. I. Orig. 158(7/8): 453-473, 1952.  
Bull. Hyg. 28: 571, 1953.

### III. MORPHOLOGY AND METABOLISM

- \* Kudo, M.  
Filterability of Bacterium tularensis. Japan. J. Exptl. Med. 11: 633-649, 1933.
- \* Larson, Carl L.  
Growth of Pasteurella tularensis in the yolk sac of developing chick embryo. Public Health Repts. 60: 587-591, 1945.
- \* Larson, C. L.  
The relative value of liquid media, glucose cystine blood agar, and mouse inoculations in titration of Pasteurella tularemia. Public Health Repts. 60: 863-868, 1945.
- \* Lavergne, V., de; Helluy, J. H.; Beurey, J.; Sommelet; et Pierson, M.  
Du sympathicotropisme de l'endotoxine de Bacterium tularensis. Compt. rend. soc. biol. 155: 1348-1353, 1951.
- \* Lufkin, N. H.; and Evenson, A. E.  
Tularemia diagnosed by "routine" blood culture. J. Lab. Clin. Med. 22: 346-350, 1936-37.
- \* Ohara, Hachiro.  
An experimental study on the causative organism of "Yato-byo" (Ohara's disease). Saito Ho-on Kai (Saito gratitude foundation) Ann. Rept. #6, December 1930. 160p.
- Ohara, H.  
Morphological study of Yato-Byo bacteria (Bacterium tularensis). Tohoku J. Exptl. Med. 62(3): 283-286, 1955.  
Excerpta Med. (IV) #2228 (1956).
- Ohara, H.  
Bacterium tularensis and Yato-Byo bacteria. Lab. O'Hara Hospital, Fukushima, Japan, 1939.
- \* Ohara, H.; Kobayashi, T.; and Kudo, J.  
A study on plenomorphism of Bacterium tularensis ("Yato-Byo bacteria, Ohara) and their special flagellum. Tohoku J. Exptl. Med. 25(5-6): 520-530, 1935.
- Ohara, S.; and Odashima, H.  
On direct cultivation of Bacterium tularensis. Tohoku J. Exptl. Med. 54: 283-287, 1951.
- \* O'Kane, O. J.  
The substitution of Thiamine for the labile fraction of red blood cell extract in the growth of Bacterium tularensis. J. Bact. 51(4): 559-560, 1946.
- \* Oz, T. V.  
Tularemia endotoxin. Science. 92: 113, 1940.
- \* Ransmeier, J. C.; and Stekol, J. A.  
Effect of sulfur-containing compounds on growth and hydrogen sulfide production by Bacterium tularensis. Proc. Soc. Exptl. Biol. Med. 51: 85-88, 1942.
- \* Rendina, G.; and Mills, R. C.  
Glutamic acid dehydrogenase of Pasteurella tularensis. J. Bact. 74(4): 456-460, 1957.
- \* Rhamy, B. W.  
New and simplified medium for Pasteurella tularensis and other delicate organisms. Amer. J. Clin. Pathol. 3: 121-124, 1933.
- \* Ribi, E.; and Shepard, C.  
Morphology of Bacterium tularensis during its growth cycle in liquid medium as revealed by the electron microscope. Exptl. Cell Research. 8: 474-487, 1955.

### III. MORPHOLOGY AND METABOLISM

- Rozowski, T.; and Markowicz, J.  
 White blood cells in tularemia.  
*Polskie Arch. Med. Wewnetrz.*  
 26(2): 227-232, 1956.  
*Excerpta Med. (VI)* #5364 (1956).
- \* Shaw, F. W.  
 Culture media for Bacterium tularensis. *Zentr. Bakteriol. Parasitenk. Abt. I. Orig.* 118: 216, 1930.
- \* Shaw, F. W.  
 Sterilization of cystine culture medium under steam pressure.  
*J. Lab. Clin. Med.* 16: 294-295, 1930.
- \* Snyder, T. L.  
 Tularemia; the relative errors of bacteriological plate counting method. *J. Bact.* 54(5): 641-654, 1947.
- \* Snyder, T. L.; Engley, F. B.; Penfield, R. A.; and Creasy, J. C.  
 A dilution plate counting method for certain strains of Bacterium tularensis. *J. Bact.* 52(2): 241-242, 1946.
- \* Snyder, T. L.; Penfield, R. A.; Engley, F. B., Jr.; and Creasy, J. C.  
 Cultivation of Bacterium tularensis in peptone media. *Proc. Soc. Exptl. Biol. Med.* 63(1): 26-30, 1946.
- \* Steinhaus, E. A.; Parker, R. R.; and McKee, M. T.  
 Cultivation of Pasteurella tularensis in a liquid medium. *Public Health Repts.* 59(3): 78-79, Jan. 1944.
- \* Tamura, J. T.; and Gibby, I. W.  
 Cultivation of Bacterium tularensis in simplified liquid media. *J. Bact.* 45: 361-371, 1943.
- \* Tokgoz, S. K.; and Golem, S. B.  
 Tularemide laboratuvar arastirmalari. *Turk. Zeit. Hyg. exptl. Biol.* 1(1): 155-157, 1938.
- \* Tovar, Raul M.  
 Simplification del Medio Solido para cultivo de Bacterium tularensis. *Rev. inst. salubridad y enfermedad trop. (Mexico)*. 6: 181-184, 1945.
- \* Traub, A.; Mager, J.; and Grossowicz, N.  
 Studies on the nutrition of Pasteurella tularensis. *J. Bact.* 70(1): 60-69, 1955.
- \* Vereninova, N. K.  
 On the cultural characteristics of Bacterium tularensis. *Rev. Microbiol. Epidemiol. Parasitol.* 17: 3-10, 1938.
- \* Volk, W.  
 Zur Frage der Beweglichkeit des Bacterium tularensis. *Wien. tierarztl. Monatsschr.* 34(1): 45, 1947.
- Woodward, John M.  
 Study of the influence of Bacterium tularensis on the amino acid metabolism of animal hosts. *Tennessee Univ. Dept. Bact.*, Knoxville, Tenn., 1953. 36p.

### III. MORPHOLOGY AND METABOLISM

- \* Woodward, John M.; and Mayhew, Mary W.  
Host-parasite relationship in tularemia. III. Influence of Pasteurella tularensis on enzymes involved in amino acid metabolism in tissues of white rats. *J. Bact.* 71(3): 270-273, 1956.
- \* Woodward, John M.; Sbarra, Anthony J.; and Holtzman, D. Frank.  
Host-parasite relationship in tularemia. I. Study of the influence of Bacterium tularensis on the amino acid metabolism of white rats. *J. Bact.* 67(1): 58-61, 1954.  
*Chem. Abstr.* #3536b (1954).  
*Excerpta Med.* (IV) #1894 (1955).  
*Vet. Bull.* 24(9): 488, 1954.  
*Brit. Abstr.* #1144 (1951).
- \* Yaniv, H.; and Avi-Dor, Y.  
Relation between changes in the stability of *Pasteurella tularensis* suspensions and its bacterial population. II. Mutual influence between salt-agglutinable types. *J. Bact.* 66: 609, 1953.  
*Bull. Hyg.* 28: 1103, 1953.

### IV. CLINICAL PICTURE: CASE HISTORIES

- Achard, Herman J.  
A case of polyarthritis following tularemia. Oakmont papers on Immunology. p.58-59, 1935.
- Adams, C. C.; and Carter, C. F.  
Tularemia; with a report of a case occurring in Texas. *Dallas Med. J.* 11: 179, 1925.
- \* Anschutz, Robert R.  
Tularemia with extensive pharyngitis. *Amer. J. Diseases Children.* 62: 150-153, July 1941.
- \* Anthony, D. H.  
Ocular tularemia - case report. *Memphis Med. J.* 14: 65-67, 1939.
- \* Archer, V.; Blackford, S. D.; and Wessler, J. E.  
Pulmonary manifestations in human tularemia. *J. Amer. Med. Assoc.* 104: 895-898, 1935.
- Arun, N.  
Clinical research on cases of tularemia in the region of Anatolia. *Anad. Klin.* 20(3): 97-99, 1954.  
*Excerpta Med.* (XVII) #2276 (1955).  
*Ibid.* (IV) #852 (1955).
- Arzt, L.  
Tularemie (tonsilloglandulare form) mit nasalen Hauterscheinungen. *Wien. med. Wochschr.* 4(12): 474, 1949.
- Asbury, W. D.  
Tularemia with report of two cases. *J. Indiana Med. Assoc.* 19: 404, 1926.
- Badger, T. L.  
Tularemia; report of a case of the typhoidal form. *New Eng. J. Med.* 220: 187-191, 1939.

#### IV. CLINICAL PICTURE: CASE HISTORIES

- Banerji, H. W.  
zur Klinik der Tularemie. (Clinical aspects of Tularemia). Deut. med. Wochschr. 72: 339-343, 1947.
- Berkhash, P. A.  
Clinical aspects of tularemia. Klin. Med. (USSR). 14: 1353-1361, 1936.
- Beebe, J.  
Tularemia, pneumonia; report of a case. Delaware Med. J. 17: 219, 1945.
- \* Bell, I. R.  
A case of tularemia of unusual origin. Can. Med. Assoc. J. 50(6): 555-556, 1944.
- \* Belote, G. H.  
Tularemia; report of an unusual case. Arch. Dermatol. u Syphilis. 23: 926-933, 1931.
- Berezin, I. F.  
Some peculiarities or characteristics of the epidemiology and of the clinical aspects of tularemia. Kazan Med. J. 30: 46-56, 1934.
- Berinskaya, A. N.  
Pozdnie redicivy tularemii i ikh klinika. (Late recurrence of tularemia and its diagnosis). Klin. Med. (USSR). 25: 88-92, 1947.
- Berinskaya, A. N.  
Tularemia pneumonia, clinical aspects, diagnosis and therapy. Soviet Med. 5(13-14): 28, 1941.
- Bernard, R.; Maestraggi, P.; and Pouillaude, P.  
Malignant edema of the eyelid in child. Pediatrie. 11(8): 909-915, 1956.
- Bieling.  
Tularemia; distribution, length of sickness, serological diagnosis. 1st Conf. Med. Consultants Wehrmacht, 1942. Proj. 1(Pt. 10): 149-153, 1948.
- Bilibin, A. F.  
Classification of clinical forms of tularemia in man. Soviet Med. 7(10): 5-6, 1943.
- \* Blackford, S. D.  
Pulmonary manifestations in human tularemia. A roentgenologic study based on 34 unselected cases. J. Amer. Med. Assoc. 104: 891-895, 1935.
- \* Blackford, S. D.; and Archer, V. W.  
Roentgen study of a non-fatal case of bilateral tularemic pneumonia treated with specific serum. J. Amer. Med. Assoc. 109: 264, 1937.
- \* Blackford, S. D.; and Casey, C. J.  
Pleuropulmonary tularemia. Arch. Internal Med. 67: 43-71, 1941.
- Blumberg, A.; and Russell, R. L.  
Intrathoracic changes in tularemia. Southern Med. J. 27: 578-583, 1934.
- Boev, V. T.; Rubinshteyn, G. S.; and Ignatovich, A. V.  
Clinical aspects of glandular forms of tularemia. Klin. Med. (USSR). 18(4): 130-135, 1940.
- Bonnet.  
A propos d'un cas de tularemie familiale. Bull. soc. med. mil. fr. 43: 119, 1949.

#### IV. CLINICAL PICTURE: CASE HISTORIES

- Bousser, J.; and Blandet, P.  
A propos de deux observations de tularemie. Bull. med., Paris. 63(22): 511-514, 1949.
- Brainl, F.  
Spotted fever; tularemia. Seuchenbekämpfung. 4: 75-79, 1927.
- Bronina, R. I.  
Clinical features and treatment of tularemia in children. Pediatria. 38: 47-53, 1949.
- Brown, E. G.; Lattimore, J. L.; and Hofmann, J.  
Tularemia; summary of 120 cases reported in Kansas. J. Kansas Med. Soc. 34: 296-302, Aug. 1933.
- \* Brown, W. L.; and Brown, C. P.  
A case of tularemia. J. Amer. Med. Assoc. 85: 2033, 1925.
- \* Bryant, Arthur R.; and Hirach, Edwin F.  
Tularemic leptomeningitis. Arch. Pathol. 12: 917-923, 1931.
- \* Bunker, C. W. O.; and Smith, E. E.  
Tularemia; report of four cases, one fatal, with autopsy report. U. S. Navy Med. Bull. 26(4): 901-911, 1928.
- \* Carroll, H. H.; and Gorman, J. E.  
Tularemia; report of a case treated successfully with streptomycin and aureomycin. U. S. Naval Med. Bull. 49: 1085-1087, 1949.
- Chambers, W. E.  
Human tularemia infection through bite of the domestic cat. Med. Bull. Veterans Admin. 19: 206-207, 1942-43.
- Chenevard, M.  
A new and little known clinical form of tularemia the tonsillo-lymphadenopathic or anginal form Rev. med. Nancy. 76: 358-367, 1951. Excerpta Med. (IV) #5804 (1954).
- Clark, G. P.  
A typical conjunctivitis tularensis, with case report. Amer. J. Ophthalmol. 11: 280-284, 1928.
- \* Cooper, H. R.  
Tularemia, with special reference to streptomycin therapy; report of a case. U. S. Naval Med. Bull. 48: 102-107, 1948.
- Craddock, G. B.; and Crowder, R. V.  
Pulmonary tularemia with report of 2 cases. Virginia Med. Monthly. 76(3): 130-134, 1949.
- David, J. K.; and Owens, J. N.  
Tularemic meningitis - report of a case and summary of previously reported cases. Amer. J. Diseases Children. 67: 44-51, 1944.
- Delafontaine, P.; Damiens, G.; and Garnier, P.  
Study of three cases of tularemia observed in the Paris region. Transmission by the wild rabbit. Isolation of a human strain. Treatment with streptomycin. Sem. Hop. Paris. 25(96): 4027-4030, 1949.
- \* Doyle, G. F.  
A case of oculoglandular tularemia with bilateral optic neuritis, resulting in complete blindness. Kentucky Med. J. 30(3): 137-139, 1932.

#### IV. CLINICAL PICTURE: CASE HISTORIES

- \* Draper, A. G.  
Streptomycin in tularemic pneumonia with two case reports.  
*N. Carolina Med. J.* 8(7): 392-397, 1947.
- Dredge, T. E.  
Tularemia pneumonia; report of four cases.  
*Med. Bull. Veterans Admin.* 16: 337-342, 1939-40.
- Drouet, P. L.; and Faivre, G.  
Un cas de tularemie humaine à début encephalomening et à recrudescence fébrile.  
*Bull. soc. med. hop., Paris.*  
65(26-27): 1167-1171, 1949.
- \* Ducey, Edward F.  
Tularemia; a case report.  
*J. Michigan State Med. Soc.*, Jan. 1944.
- \* Dvorak-Theodald, Georgiana.  
Oculoglandular tularemia.  
*Amer. J. Ophthalmol.* 15(2): 112-116, 1932.  
*Bull. West Suburb. Hosp., Oak Park, Illinois.* #1: 10-14, 1947.
- \* Effects of serum treatment in 600 cases of acute tularemia.  
*J. Amer. Med. Assoc.* 110: 603, 1938.
- \* Farrand, B. C.  
Tularemia; with a report of 11 cases.  
*Amer. J. Med. Sci.* 172(6): 853, 1926.
- Faure, R. M.  
Clinical study on the possibility of the existence of sandfly fever in North Africa.  
*Bull. soc. pathol. exotique.* 44(1/2): 77-83, 1951.  
*Biol. Abstr.* #6527 (1952).
- \* Fetterman, G. H.; and Lerner, H.  
A fatal case of tularemic pneumonia with associated ileitis.  
*J. Lab. Clin. Med.* 21: 1157, 1936.
- Fillmore, A. L.  
Tularemia with report of six cases.  
*Arizona Med.* 8: 27-33, 1951.
- \* Francis, Edward.  
Oculoglandular tularemia.  
*Arch. Ophthalmol.* 28: 711-741, 1942.
- \* Francis, Edward.  
Tularemia.  
*Atlantic Med. J.* 30: 337-344, 1927.
- Francois, R.  
Clinical problems in certain forms of bubonic tularemia.  
*Scalpel (Brux.).* 104: 790-795, 1951.
- \* Freese, H. L.; Lake, G. C.; and Francis, Edward.  
Four cases of tularemia (three fatal) with conjunctivitis.  
*Public Health Repts.* 41: 369-372, 1926.
- Fuhs, H.  
Das Krankheitsbild der Tularemie, seine Erkennung und Behandlung.  
*Therap. Gegenwart.* 82: 1-4, 1941.
- Gage, L. G.  
Tularemia (Francis), with report of a case occurring in Charlotte, South, N. & S., Charlotte, N. C.  
75: 258-261, 1923.
- Gelber, J.  
Problem of tularemia in children.  
*Pediat. polska.* 28(7): 699-707, 1953.

#### IV. CLINICAL PICTURE: CASE HISTORIES

- Geldner, M.  
 Tularemia. Polski Tygodnik Lekarski. 5(7): 266-269; 5(9): 345-348, 1950.
- Giddens, W. R.; Wilson, J. W., Jr.; Dienst, F. T., Jr.; and Hargrove, M. D.  
 Tularemia. An analysis of one hundred forty-seven cases. J. Louisiana Med. Soc. 109(3): 93-98, 1957. Excerpta Med. (VI) #2666 (1958).
- \* Gordon, J.; Gillies, G. L.; McKee, A. P.; Hardin, R. C.; and Warner, E. D.  
 Tularemia; clinicopathologic conference. J. Iowa State Med. Soc. 38(3): 255-258, 1948.
- Gorecki, J.; and Klonowicz, M.  
 Case of tularemia. Polski Tygodnik Lekarski. 11(15): 651-652, 1956.
- \* Gorrell, J. Franklin.  
 Oculo-glandular tularemia. J. Oklahoma State Med. Assoc., June 1940. 2p.
- \* Green, T. W.; and Eigelsbach, H. T.  
 Immunity in tularemia; reports of two cases of proved reinfection. Arch. Internal Med. 85(5): 777-782, 1950.
- \* Gudger, J. R.  
 Tularemic pneumonia. J. Amer. Med. Assoc. 101: 1148-1150, 1933.
- \* Guerry, DePont III.  
 Oculoglandular tularemia; report of a case. Virginia Med. Monthly. 72: 295-296, 1945.
- \* Haizlip, J. O.; and O'Neil, A. E.  
 A case of meningitis due to *Bacterium tularensis*. J. Amer. Med. Assoc. 96: 704-705, 1931.
- Hamburger, F. A.  
 Tularemia oculoglandularis. Arch. Ophthalmol. 137: 419-433, 1937.
- Harris, C. E.  
 Tularemia. Med. Sentinel. 32: 6-15, 1924.
- \* Harris, T. A.  
 Tularemia among farmer-trappers in Northwestern Saskatchewan. Can. Med. Assoc. J. 74(1): 60-61, 1956.
- \* Hastings, Gordon; and Wilson, Paul.  
 Tularemia; report of a case. Southern Med. J. 21(12): 1035, 1928.
- Henderson, A.  
 Tularemia; report of two cases. Indiana State Med. Assoc. J. 33: 73, 1940.
- Harrenschwand, P., von.  
 Parinaud'sche conjunctivitis-tularemia oculoglandularis. Zeit. Augenheilk. Beihefte. #19: 1-44, 1935.
- Hitch, J. M.; and Smith, D. C.  
 Cutaneous manifestations of tularemia. Arch. Dermatol. Syphilol. 38: 859-876, Dec. 1938.
- \* Hitch, J. M.; and Smith, D. C.  
 Skin manifestations in tularemia. Virginia Med. Monthly. 65: 452, Aug. 1938.

#### IV. CLINICAL PICTURE: CASE HISTORIES

- \* Hodges, F. C.  
Three cases of tularemia, one resembling sporotrichosis. Amer. J. Med. Sci. 170: 57-61, 1925.
- Hubin, E. G.  
Tularemic pneumonia. J. Lancet. 57: 289, 1937.
- Hughes, J. D.; and Hughes, J. G.  
Tularemia; review and report of five new cases. Memphis Med. J. 15: 161-165, 1940.
- Hurst, V. R.  
Oculoglandular diseases with special reference to tularemia with Paranaud's conjunctivitis. Amer. J. of Ophthalmol. 22: 891, 1939.
- Imhauser, K.  
On a late form of pulmonary tularemia. Deut. med. Wochschr. 78(29-30): 1021-1022, 1954.
- Iwamoto, M.; Muto, K.; and Aomeosa, T.  
On a form of pseudo-tuberculous lymphoma infected from the hare. Takeyo Iji-Shinshi. #2421, May 1925.
- \* Jackson, Harry; and Seid, Benjamin.  
Tularemia in Chicago, report of six surgical cases. Illinois Med. J., March 1932.
- Jordan, R. A.; and Towns, C. M.  
Tularemia; report of a case of primary tularemic tonsillitis in which Bacterium tularensis was isolated from the sputum. J. Kansas Med. Soc. 50(8): 390, August. 1949.
- \* Junkin, H. D.  
Two unusual cases of tularemia. Manuscript, July 29, 1930. 3p.
- \* Kavanaugh, C. N.  
Tularemia; a consideration of one hundred and twenty-three cases with observations at autopsy in one. Arch. Internal Med. 55: 61-85, 1935.
- \* Kavanaugh, C. N.  
Tularemia; report of seven cases. Kentucky State Med. J. 25: 352-357, 1927.
- Keil, V.  
Un cas de tularemie. Rev. med. Liege. 8(14): 454-456, 1953.
- \* Kennedy, J. A.  
Pulmonary tularemia; discussion of disease as a clinical entity with a report of 3 cases. J. Amer. Med. Assoc. 118: 781-787, 1942.
- Kerlin, W. S.  
Tularemia; review of literature with report of cases. New Orleans Med. & Surg. J. 81: 723-726, 1929.
- \* Khatenever, L. M.  
Certain characteristics of epidemiology, clinical aspects and laboratory diagnosis of typhoid forms of tularemia. Klin. Med. (USSR). 21: 28-34, 1943.
- \* Kilbury, M. J.; and Fulmer, S. C.  
Tularemia of the human breast. Amer. J. Clin. Pathol. 8: 436, 1938.
- Kilbury, M. J.; and Fulmer, S. C.  
Tularemic peritonitis; report of case observed for four years. Southern Med. J. 24: 856-860, 1931.

#### IV. CLINICAL PICTURE: CASE HISTORIES

- \* Kilbury, M. J.; and Kalb, J. M.  
Tularemia; initial lesion on the scrotum. *Arkansas Med. J.* 28: 209-210, 1932.
- \* Kirkwood, T.  
Tularemia with report of seven cases. *Illinois Med. J.* 51: 401, May 1927.
- \* Knotts, E. P.  
Tularemia; report of four cases. *Bull. School Med. Univ. Maryland.* 21: 111, 1937.
- Kollar, K.  
Case of tularemia angino-bubonica. *Sloven. Lekar.* 13(12): 543-548, 1951.
- \* Koonce, Duval H.  
Tularemia; ulcero-glandular type with pneumonia. *Military Surgeon.* 107(3): 204-207, 1950.
- Kosinska, E.; and Neyman, K.  
Six cases of tularemia in Poznan region. *Polski Tygodnik. Lekarski.* 11(23): 1028-1030, 1956.
- Kuhns, E.; Houtz, C. S.; and Axley, A.  
Tularemia from a porcupine. *Rocky Mt. Med. J.* 50(9): 736, 1953. *Excerpta Med. (IV)* #849 (1955).
- \* Kunkel, G. M.  
Report of case of tularemia contracted from a coyote (*Canis lesto*) in New Mexico. *Public Health Repts.* 45: 439-440, 1930.
- Kutzleb, H. J.; and Korth, W.  
Observations in tularemia. *Deut. Zahr-Mund. u Kieferheik.* 20(1-2): 21-37, 1954.
- Lamb, F. W.  
*Conjunctivitis tularensis (squirrel plague conjunctivitis)* with report of a case. *Ophthalmic Rec.* 26: 22, May 1917.
- \* Last, Jeremiah.  
*Oculoglandular tularemia.* *Med. Bull. Veterans' Admin.* 18(4): 429-430, 1942.
- \* Lavan, John L.  
Tularemia; report of 5 cases. *J. Amer. Med. Assoc.* 86(12): 839, 1926.
- Lavergne, V., de; Pierquin, L.; Helluy, J. R.; and Dornier, R.  
An aetiological, clinical, diagnostic and therapeutic study of fifty cases of tularemia in Lorraine. *Bull. mem. soc. med. hop., Paris.* 66: 476-482, 1950.
- Lavergne, V. H., de; Faivre, G.; Blanc, L.; and Boissel, P.  
Two grouped cases of tularemia and infectious mononucleosis. *Bull. mem. soc. med. hop., Paris.* #7-8: 189-193, 1948.
- Lagros, R.; Detroux, P.; and Dandien, Y.  
Two cases of tularemia in Belgium. *Rev. Med. Liege.* 5(5): 126-127, 1950.
- Levy, H. B.; Webb, C. H.; and Wilkinson, J. D.  
Tularemia as a pediatric problem. *Pediatrics.* 6(1): 113-123, 1950. *Biol. Abstr.* #3150 (1952).
- Lewy, R. G.  
Pulmonary tularemia; report of case with necropsy. *Illinois Med. J.* 70: 192, 1936.

#### IV. CLINICAL PICTURE: CASE HISTORIES

- \* Lide, T. N.  
Congenital tularemia. Arch. Pathol. 43(2): 165-169, 1947.  
Excerpta Med. (IV) #4033 (1948).
- McGarvey, W. E.  
Oculoglandular tularemia. J. Michigan State Med. Soc. 33: 304-35, 1934.
- \* McKee, C. S.  
Two cases of tularemia in uninfested area. J. Amer. Med. Assoc. 90: 204, 1928.
- \* McKinney, E. P.  
Ulceroglandular tularemia. A case report. Manuscript. 2p.
- \* MacKinnon, A. G.  
Pulmonary type of tularemia; two cases. Can. Med. Assoc. J. 56(5): 541, 1947.
- MacLachlan, W. W. G.; Fetter, W. J.; and Gratty, A. R.  
Two cases of tularemia. Pittsburgh Med. Bulletin, Feb. 6, 1926.
- \* J. Amer. Med. Assoc. 86: 749-750, 1926.
- Marshall, C. J.  
Case of tularemia in Seminole County. J. Florida Med. Assoc. 16: 403-404, 1930.
- \* Martin, Ancil.  
Tularemia infection of conjunctiva (Case report). Southwestern Med. 9: 232, 1925.
- \* Martin, E. G.  
A case of tularemia. Southern Med. J. 17: 572, 1924.
- Martin, R.; Mercier, P.; and Peret, R.  
New case of tularemia caused by the bite of an animal vector, a boar. Bull. mem. soc. med. hop. Paris. 63: 464-467, 1947.  
Excerpta Med. (IV) #4032 (1948).
- \* Mayants, A. I.  
Tularemia of the urinary bladder. Amer. Rev. Soviet Med. 3: 360-361, 1945.
- Mayer, F. J.  
Ein bemerkenswerter Fall von Pseudomastoiditis bei Tularemie. Monatsschr. Ohrenheilk. 78: 306-310, 1944.
- Meirelles, E.  
A tularemia. Tribuna med. (Rio de Janeiro). 31: 155-158, 1921.
- Melcherl, H. B.  
Tularemia; report of three cases. J. Kansas Med. Soc., p.228, July 1938.
- Mercier, P.  
A case of tularemia caused by the bite of a wild boar. Ann. biol. clin. (Paris). 5(4): 358-363, 1947.
- Meyer, M.  
Clinical aspects and histology of the tonsillo-lymphonodal primary complex in tularemia. Zeit. Laryng. 32(9): 325-334, 1953.
- \* Miasnikov, IU. A.  
Case of tularemia infection in men transmitted by a mole. Zhur. Mikrobiol. Epidemiol. Immunobiol. 27(2): 103-105, 1956.

#### IV. CLINICAL PICTURE: CASE HISTORIES

- \* Mikat, B.; and Kuhlmann, F.  
Lung involvement in tularemia.  
*Deut. med. Wochschr.* 70(21-22):  
302-304, 1944.  
*Bull. Hyg.* 20: 257, 1945.
- \* Miller, D. H.  
Transmission of tularemia by  
the fin prick of a catfish.  
*Military Surgeon.* 84: 23-29,  
1939.
- \* Miller, J. M.; and Bonnick, E. G.  
Tularemia; report of a case.  
*Proc. Staff Meetings Mayo Clinic.*  
13: 494, 1938.
- Miroshnichenko, M. A.  
A case of recurrent tularemia.  
*Klin. Med. (USSR).* 27(6): 89-90,  
1949.
- \* Morgan, Hugh J.  
Pleuropulmonary tularemia. *Ann. Internal Med.* 27(4): 519-528, 1947.
- \* Murphree, L. R.  
Some unusual aspects of tularemia  
as found in Mississippi. *Mississippi Doctor.* 23: 534-536, 1946.
- \* Murphy, John L.  
A case of tularemia. *Southwestern Med.*, p.481-482, 1931.
- Netherton, E. W.  
Tularemia with reference to its  
cutaneous manifestations; report  
of a case. *Arch. Dermatol. &  
Syphilol.* 16: 170-184, 1927.
- Neuberger, F.  
Contribution to the symptomatology  
of the lymphatic form of tularemia.  
*Monatsschr. Ohrenheilk.* 89(1):  
60-63, 1955.  
*Chem. Abstr.* #1349 (1956).
- \* Noogin, R. O.; and Burleson,  
P. W.  
Tularemia; report of an  
unusual case treated with  
streptomycin. *Southern Med. J.*  
40(11): 903-905, 1947.
- Olsufev, N. G.; Pronina, E. A.;  
and Savaleva, R. A.  
Clinical-epidemiological pro-  
perties of tularemia in the  
nucleus of a mouse (southern)  
type. *Zhur. Mikrobiol. Epidemiol.  
Immunobiol.* #6: 53-56, 1953.
- \* Ossman, J. A.; and De Voine Guyot,  
J.  
Acute cor pulmonale complicat-  
ing tularemia. *J. Missouri State  
Med. Assoc.*, p.131-132, 1944.
- \* Parker, R. R.; and Spencer, R. R.  
Six additional cases of tula-  
remia in man. *Public Health  
Repts.* 41: 1341-1355, 1926.
- \* Parson, G. W.  
Interesting cases of tularemia.  
*Tri-State Med. J.* 13: 2708-2714,  
1941.
- \* Paull, R.  
Tularemic pneumonia; a report  
of a fatal case. *Calif. &  
Western Med.* 64: 346-348, 1946.
- \* Permar, H. H.; and MacLachlan,  
W. W. G.  
Tularemic pneumonia. *Ann.  
Internal Med.* 5: 687-698, 1931.
- \* Perret, J. M.  
Tularemia; a study of 69 cases.  
*New Orleans Med. Surg. J.* 88:  
694-700, 1936.

#### IV. CLINICAL PICTURE: CASE HISTORIES

- \* Pfunder, M. C.  
Primary tularemia of the eye.  
J. Amer. Med. Assoc. 85: 1061, 1925.
- Piotrovskaja, S. A.  
Tularemia in children.  
*Pediatria*. #6: 43-48, 1952.
- \* Pullen, Roscoe L.; and Stuart, Byron M.  
Tularemia, analysis of 225 cases.  
J. Amer. Med. Assoc. 129: 495-500, 1945.
- \* Preston, B. S.  
Tularemia; report of fatal case.  
Monthly Staff Bull. Charleston Gen. Hosp. 2(1): 28-29, 1931.
- \* Pund, E. R.; and Hatcher, Milford B.  
Tularemia meningitis. Ann. Internal Med. 10: 1390-1397, 1936.
- \* Quattlebaum, James T.  
Pulmonary tularemia. Recorder, p.20-21, Nov. 1943.
- Rafalowicz, A.  
Case of atypical tularemia.  
Polski Tygodnik Lekarski. 9: 177-179, 1954.
- May, E. S.; and Warren, Sarah.  
Tularemic lung abscess. A case report. Amer. Rev. Tuberc. 65: 627-630, 1952.
- \* Redland, A. J.  
Tularemia; a case report.  
Military Surgeon. 53: 715-717, 1928.
- \* Reimann, H. A.; and Rose, W. J.  
The similarity of pseudo-tuberculosis and tularemia.  
Arch. Pathol. 11: 584-588, 1931.
- Richs, H. C.; and Wollock, H.  
Abstract of literature on tularemia with laboratory report on 3 cases of tularemia from Oklahoma diagnosed by agglutination test. J. Oklahoma Med. Assoc. 21: 185-189, 1928.
- \* Rigdon, R. H.  
Tularemia; some clinical and pathologic observations. Texas State J. Med. 44(5): 392-396, 1948.
- Romanoff, A.  
A case of tularemia. Bull. New York Med. Coll. 10: 35, 1947.
- Rosenblum, M. S.  
Tularemia - two cases. Bull. Mahoning Co. Med. Soc. 5: 197, 1935.
- Rosenthal, J. W.  
Oculoglandular tularemia. New Orleans Med. Sur. J. 102(11): 558-566, 1950.
- Rozowski, T.  
Seventy cases of tularemia among inhabitants of the Szczecin region. Polski Tygodnik Lekarski. 9(38): 1219-1221, 1954.  
Presse Med. 64(26): 608-609, 1956.
- Rozowski, T.; and Markowicz, J.  
Case of tularemia with a rare localization of buboes, resembling bubonic plague. Polski Tygodnik Lekarski. 10: 1508-1509, 1955.  
Excerpta Med. (VI) #4738 (1956).

#### IV. CLINICAL PICTURE: CASE HISTORIES

- Rozowski, T.; Sojka, J.; and Stojalowski, K.  
 Case of tularemia of a double clinical form: ulcerobubonic and anginobubonic plague. Polski Tygodnik Lekarski. 10(46): 1508-1509, 1955.  
*Excerpta Med.* (VI) #4737 (1956).
- \* Rudniev, G. P.  
 Clinical aspects of tularemia. *Klin. Med. (USSR)*. 22(1-2): 3-14, 1944.  
*Bull. Hyg.* 20: 17, 1945.
- Rudniev, G. P.  
 Clinico-epidemiological peculiarities of tularemia. *Voенно-Sanit. Delo.* #11: 49-56, 1943.
- Russ, I.; and Brieger, H.  
 Occurrence of tularemia in several members of a family. *Kinderarztl. Praxis.* 19(4): 161-165, 1951.  
*Excerpta Med.* (IV) #5805 (1954).
- Rutledge, L. H.  
 A fatal case of tularemia in Minnesota. *Minnesota Med.* 10: 97-99, 1927.
- \* Saito, K.  
 An experimental study on sympathetic ophthalmitis with "Yato-Byo" bacteria. Sendai, Japan. *Saito Gratitude Foundation Annual Rept. of Work.* #8: 145, Dec. 1932.
- Salvesen, Harald A.  
 Four cases of tularemia. *Saertrykk Norsk Mag. Laefev.*, 1931. Jan., s. 28.
- Sattler, Robert.  
 Acute bacillus tularensis conjunctivitis. *Arch. Ophthalmol.* 44: 265, 1915.
- \* Sbarra, A. J.; and Woodward, J. M.  
 Host-parasite relationship in tularemia; clinical study of the blood and urine of white rats infected with Pasteurella tularensis. *J. Bact.* 69: 363-366, 1955.
- Scarpa, C.  
 Tularemia: a clinical, epidemiological and therapeutic study. *Dermatologia (Napoli)*. *Excerpta Med.* (IV) #5809 (1954).
- Schelmire, B.  
 Tularemia resembling Sporotrichosis; report of a case. *Arch. Dermatol. & Syphilis.* 19: 918-921, 1929.
- Schmidt, H. W.  
 Clinical importance of the geographic distribution of tularemia. *Zeit. Tropenmed. u Parasitol.* 3: 408-412, 1952.
- Schuermann, H.; and Reich, H.  
 Clinical and histologic aspects of the primary cutaneous ulcer in tularemia. *Arch. Derm. u Syphilis.* 190: 579-604, 1950.
- \* Schulten, H.  
 Clinical study of tularemia. *Munch. med. Wochschr.* 91: 83, 1944.
- Schulten, H.; and Scheppach.  
 The clinical picture of tularemia. *Munch. med. Wochschr.* 90(32-33): 464-466, 1943.  
*Bull. Hyg.* 20: 194, 1945.
- \* Scott, J. W.; and Macbeth, R. A. L.  
 Tularemia (with a report of 9 cases). *Can. Med. Assoc. J.* 55: 564-566, 1946.

#### IV. CLINICAL PICTURE: CASE HISTORIES

- Sebaoun, J.  
Tularemia. Clinique, Paris.  
47: 37-40, 1952.
- Sekundant, V. P.  
Recurrence of tularemia. Klin.  
Med. (USSR). 32(1): 85, 1954.
- \* Shaffer, Joseph H.  
Tularemia; a report of 4 cases  
with unusual contacts. Ann.  
Internal Med. 18: 72-80, 1943.
- \* Shaw, H. M.; and Jamieson, Heber C.  
Tularemia; with report of a case.  
Can. Med. Assoc. J. 26(3): 305.  
1932.
- \* Shellhorn, B. L.; and Beckwith,  
Clesson.  
A case history of tularemia  
treated by neo-arsphenamin.  
Military Surgeon. 74(5): 239-241,  
May, 1934.
- \* Shelmire, Bedford.  
Tularemia resembling Sporo-  
trichosis; report of a case.  
Arch. Dermatol. & Syphilol.  
19: 918-921, 1929.
- Silchenko, V. S.  
Recidivation in tularemia. Klin.  
Med. (USSR). 27(1): 85-88, Jan.  
1949.
- \* Simpson, V. E.  
Tularemia; consideration based  
on resume of literature and per-  
sonally observed cases with report  
of unusual complications. Ann.  
Internal Med. 2: 1092-1107, 1927.
- \* Simpson, W. M.  
Clinical and pathological study  
of 48 nonfatal cases and one  
rapidly fatal case with autopsy,  
occurring in Dayton, Ohio. Ann.  
Internal Med. 1: 1007-1057, 1928.
- \* Simpson, W. M.  
Recent developments in tula-  
remia (Francis' disease) with a  
report of eleven additional cases.  
J. Lab. Clin. Med. 15: 311-321,  
1930.
- \* Simpson, Walter M.  
Tularemia; a lecture given  
before the meeting of the  
Hancock County (Ohio) Medical  
Society, May 1, 1929. Med.  
World. 47(6): 183-190, 1929.
- \* Simpson, Walter M.  
Tularemia; a summary of recent  
investigations and a considera-  
tion of the Dayton experience  
with 88 cases. Illinois Med. J.,  
September 1931. 23p.
- Simpson, W. M.  
Tularemia (Francis's disease).  
U. S. Naval Med. Bull. 26:  
825-833, 1928.
- \* Simpson, Walter M.  
Tularemia (Francis' disease):  
A clinical and pathological  
study of 61 human cases occur-  
ring in Dayton, Ohio. Long  
Island Med. J. 23(9): 526-534,  
1929.
- \* Simpson, Walter M.  
Tularemia (Francis' disease):  
Experiences with 53 cases occur-  
ring in Dayton, Ohio. Proc. Staff  
Meetings Mayo Clinic. 3(28):  
213-220, 1928.
- \* Simpson, W. M.  
Tularemia (Francis' disease):  
experiences with 53 cases occur-  
ring in Dayton, Ohio. Wisconsin  
Med. J. 27: 481-485, 1928.

#### IV. CLINICAL PICTURE: CASE HISTORIES

- \* Simpson, W. M.  
Tularemia (Francis' disease); report of 4 additional cases. *Ohio State Med. J.* 24: 860-862, 1928.
- \* Simpson, W. M.  
Tularemia; a summary of recent researches with a consideration of 103 Dayton cases. *Ohio State Med. J.* 29: 35-41, 1933.
- \* Simpson, W. M.  
Tularemia; study of rapidly fatal case. *Arch. Pathol.* 6: 553-574, October 1928.
- \* Siniscal, Arthur A.  
Oculoglandular tularemia; report of 3 cases with unusual contacts. *Amer. J. Ophthalmol.* 29(6): 698-710, 1946.
- Sojka, J.; Rozowski, T.; and Markowicz, J.  
Observations on tularemia in men. *Polski Tygodnik Lekarski.* 9(6): 165-167, 1954.
- \* Stafer, D. D.  
Pericarditis with effusion complicating tularemia. *Ann. Internal Med.* 12: 407, September 1938.
- \* Stuart, Bryon M.; and Pullen, Roscoe L.  
Tularemic pneumonia; review of American literature and report of 15 additional cases. *Amer. J. Med. Sci.* 210(2): 223-236, 1945.
- Stump, D.; and Quinn, F.  
Tularemia complicated by septicemia and heart disease. *J. Kansas Med. Soc.* 41: 426, 1940.
- \* Tamura, J. T.; and Gibby, Irvin W.  
Cultivation of *Bacterium tularensis* in simplified liquid media. *J. Bact.* 45(4): 361-371, 1943.
- Tauber, E.; Cozmin, A.; and Siemionescu, I.  
Un caz de tularemie prin contaminare indirecta. *Rev. Stiint. med.* 1(5): 374-376, 1949.
- \* Terry, L. L.; and Reichle, H. S.  
Ulceroglandular tularemia. *Arch. Pathol.* 29: 473-483, 1940.
- Thjotta, T.  
Tularemia; case apparently due to mosquito bite. *Norsk. Mag. Laegevidenskap.* 9: 285-286, 1941. *Bull. Hyg.* 16: 337, 1941.
- Thomas, H. B.  
Tularemic pneumonia; its recognition and prevention. *Penna. Med. J.* 44: 151-156, 1940.
- \* Tillisch, J. H.  
Typhoid tularemia report of a case. *Proc. Staff Meetings Mayo Clinic.* 16: 205-208, 1941.
- Troy, T. S.; and Levin, S. L.  
Tularemic inguinal lymphadenitis. *Med. Bull. Veterans Admin.* 20: 76, 1943-44.
- Tveteras, E.  
Tularemia. Survey with an analysis of 47 hospitalized patients. *Nord. Med.* 55(17): 585-589, 1956. *Bull. Hyg.* 31: 1102, 1956.
- Unger, L.  
Eine Gruppenerkrankung an Tularemie. *Med. Klin.* 49(13): 471-473, 1954. *Bull. Hyg.* 12(11): 1157, 1954.

#### IV. CLINICAL PICTURE: CASE HISTORIES

- \* U. S. Public Health Series.  
Tularemia (rabbit fever).  
Public Health Repts. 55:  
667-670, 1940.
- Vail, D. T.  
A case of "squirrel plague" conjunctivitis in man. Ophthalmic Rec. 23: 487, 1914.
- \* Vail, D. T., Jr.  
Oculoglandular form of tularemia.  
Arch. Ophthalmol. 2: 416-430,  
October 1929.
- Vignati, J.; and Santavy, F.  
The blood glutathione in tularemia. Casopis Lekaru Ceskych, Prague. 88(10): 270-271, 1949.  
Bull. Hyg. 24(7): 496, 1949.
- \* Vogt, K. E.  
Beitrag zur inneren Verlaufsform der Tularemia. Klin. Wochschr. 23: 370-373, 1944.
- \* Wallace, W. R.  
Tularemia with 5 case reports.  
Meeting S. Carolina Med. Assoc. Paper, April 7, 1926.
- \* Werring, Frederick C., Jr.; and Cullen, Victor F.  
Tularemia with pleural effusion.  
J. Amer. Med. Assoc. 107:  
1365-1367, 1936.
- \* Washburn, A. M.; and Tuchy, J. H.  
The changing picture of tularemia transmission in Arkansas.  
A study of 704 cases histories.  
Southern Med. J. 42(1): 60-62,  
1949.
- \* Watts, Henry F. R.  
A case of tularemia. New England J. Med. 202(7): 329-330, 1930.
- \* Weilbaecher, J. O.; and Moss, E. S.  
Tularemia following injury while performing post-mortem examinations on human case.  
J. Lab. Clin. Med. 24: 34-38,  
1938.
- \* Wells, E. Buist; and Tillman, Clifford.  
Rupture of the spleen due to tularemia; report of a case.  
Ann. Internal Med. 25(5): 852-859, 1946.
- Werling, E. H.  
Tularemia; report of 10 cases.  
J. Oklahoma State Med. Assoc. 35: 103-106, 1942.
- \* Williams, Ralph B.  
Tularemia. First case to be reported in Alaska. Public Health Repts. 61(24): 875-876,  
1946.
- \* Wimberley, Norris A.  
Tularemia. U. S. Armed Forces Med. J. 2: 1251-1253, 1951.
- \* Winter, Malcolm D.; Farrand, Brownlow C.; and Herman, Harry J.  
Tularemia, pulmonic form.  
J. Amer. Med. Assoc. 109:  
258-262, 1937.
- \* Withington, Paul R.  
Report of a case of tularemia.  
New England J. Med. 201(13): 634-635, 1929.
- Wodzell, W. W.; and Wray, W. S.  
Tularemia in siblings.  
J. Pediat. 14: 358-363, 1939.

#### IV. CLINICAL PICTURE: CASE HISTORIES

- \* Wolfram, S.  
Tularemia, oculo-glandular type.  
Wine. med. Wochschr. 93: 160-161,  
1943.
- \* Yater, W. M.  
Tularemia, with report of two  
cases. Proc. Staff Meetings Mayo  
Clinic. 1: 101-102, 1926.
- Zembrzuski, K.  
Forty-two tularemia cases.  
Polski Arch. Med. Wewnet. 25(2):  
377-386, 1955.  
Excerpta Med. (VI) #7132 (1956).
- Zifenstein, I.  
Tularemic pneumonia. J. Iowa  
State Med. Soc. 30: 65, 1940.

#### V. HUMAN PATHOLOGY

- \* Aagaard, G. N.  
Involvement of the heart in  
tularemia. Minnesota Med. 27:  
115-117, 1944.
- \* Allen, H. C.; and Smith, Margaret G.  
Tularemia in an infant with  
extensive intestinal lesions.  
Arch. Pathol. 26: 1052-1059, 1938.
- Armstrong, R. M.; and Kavanaugh,  
C. N.  
Primary aphthalamic tularemia;  
report of five cases with patho-  
logy of eye. Southern Med. J.  
25: 749-752, 1932.
- \* Arzt, L.  
Tularemia in region of lower  
Danube during fall and winter of  
1936-1937, with special consider-  
ation of cutaneous and glandular  
changes. Arch. Dermatol. Syphilis.  
178: 294-317, 1938.  
Bull. Hyg. 14: 627, 1939.
- \* Ashburn, L. L.; and Miller, S. E.  
Tularemia; a report of a labora-  
tory infection fatal on the fifth  
day, with early pulmonary involve-  
ment; autopsy. Arch. Pathol. 39:  
388-392, 1945.
- \* Bardon, R.; and Berdez, G.  
Tularemia; report of fatal case  
with post-mortem observations.  
J. Amer. Med. Assoc. 90: 1369,  
1928.
- \* Beck, Harvey H.; and Merkel,  
Walter C.  
Tularemia; fatal case of  
typhoid form caused by ingest-  
ion of rabbit. Autopsy report.  
Southern Med. J. 28: 422-438,  
1935.
- Berlin, L.; and Patterson, P. D.  
Tularemic encephalitis and  
neurologic manifestations.  
J. Lancet. 70: 97-99, 1950.
- \* Bernstein, Alan.  
Tularemia; report of 3 fatal  
cases with autopsies. Arch.  
Internal Med. 56: 1117-1135,  
1935.
- Bihss, F. E.; and Berland, H. L.  
Roentgenological manifestations  
of pleural pulmonary involvement  
in tularemia. Radiology. 41:  
431-437, 1943.

V. HUMAN PATHOLOGY

- Blackford, S. D.  
 Pulmonary lesions in human tularemia. Pathologic review and report of a fatal case.  
*Ann. Internal Med.* 5: 1421-1426, 1932.
- \* Blumberg, Alfred; and Russell, R. L.  
 Intrathoracic changes in tularemia. *Med. Bull. Veterans Admin.* 2(2): 77-83, 1934.
- Boman, P. G.; and Bianco, A. J.  
 Tularemic pneumonia. *Ann. Internal Med.* 7(12): 1491-1495, 1934.
- \* Bowe, D. P.; and Wakeman, D. C.  
 Tularemia and pregnancy.  
*J. Amer. Med. Assoc.* 107: 577-578, 1936.
- \* Bryant, Arthur R.; and Hirsch, Edwin F.  
 Tularemic leptomeningitis.  
*Arch. Pathol.* 12: 917-923, 1931.
- \* Bunker, C. W. O.; and Smith, E. E.  
 Tularemia; report of four cases, one fatal, with autopsy report.  
*U. S. Navy Med. Bull.* 26(4): 901-911, 1928.
- Chevallier, P.; and Bernard, J.  
 Lesions expérimentales de la tularemie. *Sang. Le.* 6: 418, 1932.
- \* Cluxton, H. E., Jr.; Clifton, E. E.; and Worley, J. A.  
 Primary tularemia of the lungs masquerading as other forms of lung pathology. *J. Arkansas Med. Soc.* 44: 266-275, 1948.
- \* Cramer, Irving I.  
 Oculoglandular tularemia.  
*Arch. Ophthalm.* 20: 88-89, 1938.
- Crellin, J. A.; Pugh, T. F.; and Janton, O. H.  
 Case of fatal tularemic pneumonia with necropsy. *Diseases of the Chest.* 16: 103-108, 1949.
- Dahlen, G. P.; Kaplan, L.; and Goodwin, W. E.  
 Priapism occurring as a complication of tularemia. *J. Urol.* 72(6): 1192-1195, 1954.
- \* Doyle, G. F.  
 A case of oculoglandular tularemia with bilateral optic neuritis, resulting in complete blindness. *Kentucky Med. J.* 30(3): 137-139, 1932.
- Drobinskii, I. R.  
 Certain remote sequelae in chronic tularemia. *Terap. Arkh.* 26(5): 81-83, 1954.
- Drobinski, I. R.  
 Pericarditis in tularemia.  
*Soviet. Med.* 11(1): 17-19, 1947.  
*Excerpta Med. (VI)* #2123 (1948).
- \* Fields, William S.  
 Tularemic meningitis. *Arch. Neurol. Psychiat.* 61: 422-429, 1949.
- Finney, Owen J.  
 Pleuropulmonary tularemia.  
*Southern Med. J.* 35(7): 660-663, 1942.

## V. HUMAN PATHOLOGY

- \* Fondren, J. T.; and Cameron, C. M. Multiple and bilateral primary lesions in tularemia. *Amer. Practitioner.* 3: 321-322, 1949.
- \* Foshay, Lee. Cause of death in tularemia. *Arch. Internal Med.* 60: 22-38, 1937.
- \* Foulger, M.; Glazer, A.; and Foshay, L. Tularemia; report of a case with postmortem observations and a note on the staining of Bacterium tularensis in tissue section. *J. Amer. Med. Assoc.* 98: 951-954, 1932.
- \* Francis, Edward. Bone marrow in tularemia. *Public Health Repts.* 48: 1127, 1933.
- \* Francis, Edward; and Gallendar, G. R. Tularemia; the microscope changes of the lesions in man. *Arch. Pathol. Lab. Med.* 3: 577-607, 1927.
- \* Freese, H. L.; Lake, G. C.; and Francis, Edward. Four cases of tularemia (three fatal) with conjunctivitis. *Public Health Repts.* 41: 369-372, 1926.
- \* Fulmer, S. C.; and Kilbury, M. J. Tularemic peritonitis. *J. Amer. Med. Assoc.* 89: 1661-1662, 1927.
- Gaisky, N. Causative agents of tularemia in primary affections of ulcerobubonic type. *Klin. Med. (USSR).* 25(2): 67, 1947.
- \* Goodpasture, E. W.; and House, S. J. The pathologic anatomy of tularemia in man. *Amer. J. Pathol.* 4: 213-226, 1928.
- \* Gundry, Lewis P.; and Warner, C. Gardner. Fatal tularemia; review of autopsied cases with report of a fatal case. *Ann. Internal Med.* 7: 837-852, 1934.
- \* Hartman, F. W. Tularemic encephalitis; pathology of acute tularemia with brain involvement and coexisting tularemia. *Amer. J. Pathol.* 8: 57-61, 1932.
- \* Hartman, H.; Beaver, D. C.; and Green, R. G. The occurrence of tularemia in Minnesota in 1921; report of two cases, one fatal, with necropsy report. *Minnesota Med.* 16: 559, 1933.
- Hughes, W. T., Jr.; and Etteldorf, J. N. Oropharyngeal tularemia. *J. Pediatrics.* 51(4): 363-372, 1958. *Bull. Hyg.* 33(1): 35-36, 1958.
- Illina, N. Lesions of the nervous system in tularemia. *Klin. Med. (USSR).* 27: 88-89, 1949.
- \* Jager, B. V.; and Ransmeier, J. C. Constrictive pericarditis due to Bacterium tularensis. *Bull. Johns Hopkins Hosp.* 72: 166-178, 1943.

## V. HUMAN PATHOLOGY

- Kavanaugh, C. N.  
Tularemia; a consideration of one hundred and twenty-three cases with observations at autopsy in one. *Arch. Internal Med.* 55: 61-85, 1935.
- \* Kimmelstiel, P.; and Caldwell, H. W.  
Tularemia septicemia. *Amer. J. Pathol.* 15: 127-136, 1939.
- \* Kitzmiller, K. V.  
Tularemia; a pathologic study of the lesions in a case treated with a specific antiserum, the patient dying suddenly from intercurrent coronary occlusion. *Ann. Internal Med.* 12: 1375, 1939.
- Kon Ya, S.  
A fatal case of tularemia. *Klin. Med. (USSR)*. 27(12): 86-87, 1949.
- Lauche.  
Pathology, anatomy and histology of the tularemia. 1st Conf. Med. Consultants Wehrmacht, 1942. 1(Pt. 10): 154-162, 1948.
- \* Lillie, R. D.; and Francis, Edward.  
Bone marrow in tularemia. *Public Health Repts.* 48: 1127-1136, 1933.
- Lillie, R. D.; and Francis, E.  
The pathology of tularemia in man. *Natl. Inst. Health Bull.* 167: 1-81, 1936.
- Lillie, R. D.; Francis, E.; and Parker, R. R.  
Pathology of tularemia. *Natl. Inst. Health Bull.* 167: 1-217, 1936.
- Ljung, O.  
Pericarditis in tularemia. *Nord. Med.* 53: 814-815, 1955.
- \* McGovern, F. H.  
Primary tularemic ulcers in pharynx. *J. Amer. Med. Assoc.* 107: 1629-1630, 1936.
- \* Marshall, B. W.; and Zimmerman, S. D.  
Tularemic pericarditis. *Arch. Internal Med.* 100(2): 300-304, 1957.
- Martinevskii, I. L.  
Association of scarlet fever with vaccination against tularemia. *Zhur. Mikrobiol. Epidemiol. Immunobiol.* #11: 105-106, 1954.
- Mathews, W. R.  
Fatal tularemia with post-mortem examinations. *New Orleans Med. Surg. J.* 90: 479, 1938.
- \* Mejidith, Clarkson H.  
Tularemic pericarditis; a report of two cases including one of constrictive pericarditis. *Ann. Internal Med.* 32(4): 688-700, 1950.
- Milokhina, M. A.  
Late recrudescences of tularemia. (Russian text). *Sovet. Med.* 10: 85-86, 1955.  
*Excerpta Med. (VI) #5363 (1956).*
- Mirzovskaia, E. A.  
Pathology of human nervous system in tularemia. *Nevropatol. Psich.* 19(2): 40-45, 1950.
- Molotkov, V. G.  
Pathologic anatomy of pulmonary forms of tularemia in man. *Klin. Med. (USSR)*. 21(6): 35-44, 1943.

V. HUMAN PATHOLOGY

- Neuberger, F.  
Complications and sequela, lymphadenosis in tularemia. Monatsschr. Ohrenheilk. 89: 60-63, 1955.
- Ohara, H.; and Suzuki, S.  
Pathology of the Yato-Byo and an experimental study on its causative organism. Sendai, Japan. Saito Gratitude Foundation Ann. Rept. of Work. #8: 43-100, 1932.
- \* Palmer, H. D.; and Hansmann, G. H.  
Tularemia; report of a fulminating case with necropsy. J. Amer. Med. Assoc. 91: 236-239, July 28, 1928.
- \* Permar, H. H.; and Weil, G. C.  
The histopathology of the subcutaneous lesions in tularemia in man. Amer. J. Pathol. 2: 263-273, 1926.
- \* Pessin, S. B.  
Tularemic pneumonia, pericarditis and ulcerative atomatitidis. Arch. Internal Med. 57: 1125-1144, 1936.
- \* Pfingst, Adolph U.  
Tularemia as it involves the eye. Kentucky Med. J. 34(7): 307-309, 1936.
- Price, R. D.  
A microscopic study of Pasteurella tularensis in the human body. Parasitology. 47(3/4): 435-446, 1957.
- \* Ransmeier, J. C.; and Schaub, I. G.  
Direct culture of Bacterium tularensis from human blood drawn during life and at autopsy. Arch. Internal Med. 68: 747-762, 1941.
- Rappaport, I. M.  
Blood picture in tularemia in man and experimental animals. Klin. Med. (USSR). 19(9-10): 279-281, 1932.
- \* Randerath, E.  
The pathological anatomy and the manifestations of tularemia in man. Munch. med. Wochensch. 90: 461-464, 1943.  
Bull. Hyg. 20: 194, 1945.
- \* Raphael, M.; and Anderson, A. E.  
Pleuropulmonary tularemia complicated by peripheral neuritis. Arch. Internal Med. 91(2): 278-280, 1953.
- \* Randerath, E.  
The microscopic findings in the lymph nodes in tularemia with special reference to differential diagnosis between tularemia and tuberculosis. Virchows Arch. pathol. Anat. u Physiol. 312: 165-189, 1944.
- \* Richards, G. G.  
Tularemia with pulmonary complications. Ann. Internal Med. 17: 78-82, 1942.
- \* Ridgon, R. H.  
Tularemia; some clinical and pathologic observations. Texas State J. Med. 44(5): 392-396, 1948.
- \* Roman, B.  
Uber einen fall von bazillarer pseudotuberkulose beim menschen. Virchows Arch. pathol. Anat. u Physiol. 222, 1916.

## V. HUMAN PATHOLOGY

- Rutledge, L. H.  
A fatal case of tularemia in Minnesota. *Minnesota Med.* 10: 97-99, 1927.
- \* Sante, L. R.  
Pulmonary infection in tularemia. *Amer. J. Roentgenol.* 25(2): 241-242, 1931.
- Scheer, P.  
Beobachtungen bei Roetgenbestrahlungen tularemischer Drusengeschwulste. *Strahlentherapie.* 75: 110-118, 1944.
- \* Sieke, F.  
Pathogenesis and symptomatology of tularemia. *Klin. Wochschr.* 9: 120-122, 1930.
- Sil'chenko, V. S.  
Late psychoses in tularemia. *Zhur. Nevropatol. i Psichiat.* 55(10): 775-780, 1955.
- \* Simpson, W. M.  
Clinical and pathological study of 48 nonfatal cases and one rapidly fatal case with autopsy, occurring in Dayton, Ohio. *Ann. Internal Med.* 1: 1007-1057, 1928.
- \* Simpson, Walter M.  
Tularemia (Francis' disease): A clinical and pathological study of 61 human cases occurring in Dayton, Ohio. *Long Island Med. J.* 23(9): 526-534, 1929.
- \* Simpson, W. M.  
Tularemia; study of rapidly fatal case. *Arch. Pathol.* 6: 553-574, October 1928.
- Starck, H. J.  
Sectional findings in tularemia after lympho-hematogenous generalization. *Zentr. allgem. Pathol. u pathol. Anat.* 89(6-7): 233-237, 1952.
- \* Stuart, Bryon M.; and Pullen, Roscoe L.  
Tularemic meningitis; review of the literature and report of a case with postmortem observation. *Arch. Internal Med.* 76(3): 163-166, 1945.
- \* Thomas, H. B.  
Tularemia; a report of three fatal cases with autopsies. *Ann. Internal Med.* 17: 659-671, 1942.
- Unger, L.  
Conjunctivitis Parinaud, the oculo-glandular tularemia. *Deut. Gesundheitsw.* 9(48): 1446-1448, 1954.
- \* Verbrycke, J. R.  
Tularemia with report of a fatal case simulating cholangitis with postmortem report. *J. Amer. Med. Assoc.* 82: 1577-1581, 1924.
- Vignati, J.; and Santavy, F.  
Blood glutathione level in tularemia. *Casopis Lekaru Ceskych.* 88: 270-271, 1949. *Chem. Abstr.* #13032 (1954).
- \* Wells, E. Buist; and Tillman, Clifford.  
Rupture of a spleen due to tularemia; report of a case. *Ann. Internal Med.* 25(5): 852-859, 1946.

## V. HUMAN PATHOLOGY

Zembrzuski, K.  
Pharyngo-bubonic form of  
tularemia. *Otolar. polska.*  
8(4): 279-288, 1954.

## VI. VIABILITY

- \* Foshay, Lee; and Mager, O. B.  
Viability of Bacterium tularensis  
in humans tissues. *J. Amer. Med.  
Assoc.* 106: 2141-2143, 1936.
- \* Godbille, M.  
Resistance of tularemia bacillus  
to heat. *Compt. rend. soc. biol.*  
145: 462-463, 1951.
- \* Green, R. G.; and Wade, E. M.  
Longevity of Bacterium tularensis  
in muscle tissue. *Proc. Soc.  
Exptl. Biol. Med.* 27: 214-216,  
1929.
- Kniazersky, A.; and Berdnikov, V.  
The length of time tularemia  
virus remains active in the pelts  
of animals. *Vestnik. Microbiol.  
Epidemiol. Parazitol.* 9: 68, 1930.
- \* Miller, R. P.  
Viability of dried Bacterium  
tularensis. *Public Health Repts.*  
61: 1084-1085, 1946.
- Ryan, V. M.  
Bacillus tularensis in lymph  
glands five months after infection.  
*Illinois Dept. Public Health Circ.*  
#44, 1933.
- Tumanskiy, M.  
Viability of Bacterium tularensis  
in food products. *Vestnik  
Microbiol. Epidemiol. Parazitol.*  
16: 102-112, 1938.
- Usov, Y. A.  
Time of preservation of  
Bacterium tularensis in dead  
bodies of rodents under various  
temperature conditions. *Vestnik  
Mikrobiol. Epidemiol. Parazitol.*  
16: 308-311, 1939.

## VII. VARIATIONS

- \* Avi-Dor, Y.; and Yaniv, H.  
Relation between changes in the  
stability of Pasteurella tularensis  
suspension and its bacterial pop-  
ulation. *J. Bact.* 66: 1-5; 6-9,  
1953.  
*Vet. Bull.* 24(4): 170, 1954.

- \* Downs, Cora M.; and Moody, Max D.  
Studies on tularemia. II. Anti-  
genic properties of variants of  
Pasteurella tularenses in various  
hosts. *J. Bact.* 70(3): 305-312,  
1955.

## VII. VARIATIONS

- \* Eigelsbach, H. T.; Braun, Werner; and Herring, Ruth.  
Studies on the variation of Bacterium tularensis. J. Bact. 61(5): 557-570, 1951.
- \* Eigelsbach, H. T.; Braun, Werner and Herring, Ruth.  
Variation of Bacterium tularensis. Bact. Proc. 3(G44): 52, 1950.
- \* Eigelsbach, Harold T.; Braun, W.; and Herring, R. D.  
Studies on the immunogenic properties of Bacterium tularensis variants. J. Infectious Diseases. 91: 86-91, 1952.
- Moody, Max D.  
Variation, pathogenesis, and immunity in Bacterium tularensis. Kansas Univ. Doctoral Dissertations, 1953.
- Moody, Max D.; and Downs, Cora M.  
Studies on tularemia. I. Relation between certain pathogenic and immunogenic properties of variants of Pasteurella tularensis. J. Bact. 70(3): 297-304, 1955.
- Moody, Max D.  
Studies on tularemia. III. Variation of Pasteurella tularensis grown in the presence of normal and immune serum from various hosts. J. Bact. 70(3): 314-319, 1955.
- Sherstinsky, H.  
Variations of virulence in a strain of Pasteurella tularensis. Bull. Rec. Coun. Israel. 1(1-2): 159-160, 1951.  
Biol. Abstr. #31377 (1952).

## VIII. SEROLOGY AND ANTIGENIC STRUCTURE

- \* Alexander, Mary M.; Wright, George G.; and Baldwin, Agnes C.  
Observations on the agglutination of polysaccharide treated erythrocytes by tularemia antisera. J. Exptl. Med. 91(6): 561-566, 1950.
- Belostotskaia, E. N.; Maksimova, E. B.; and Mashkilleison, A.  
Case of allergic reaction to living tularemia vaccine. Zhur. Mikrobiol. Epidemiol. Immunobiol. #1: 97-98, 1954.
- Bieling.  
Tularemia: distribution, length of sickness, serological diagnosis. 1st Conf. Med. Consultants Wehrmacht, 1942. Proj. 1(Pt. 10): 149-153, 1948.
- Bogendorfer, L.  
Tularemia: diagnosis, agglutination, skin reactions, epidemiology and serology. 1st Conf. Med. Consultants Wehrmacht. Proj. 1 (Pt. 10): 147-149, 1948.
- Bond, Glenn C.; and Downs, Cora M.  
Antigenic studies on the genus Pasteurella. Trans. Kansas Acad. Sci. 38: 87-93, 1935.
- \* Brown, E. C.; and Nagle, N.  
The Kahn reactions of 64 tularemia patients. J. Lab. Clin. Med. 23: 1310, 1938.

## VIII. SEROLOGY AND ANTIGENIC STRUCTURE

- \* Burnet, E.  
Crossed agglutinations of Bacterium tularensis and Brucella in tularemia and Malta fever. Arch. inst. Pasteur Tunis. 16: 90, 1927.
- \* Calder, Royall M.  
Brucella, Pasteurella tularensis, and Proteus agglutinins in chronic brucellosis. J. Bact. 41: 593-604, 1941.
- Doepfmer, R.  
Early diagnosis of tularemia by the aid of a skin test. Med. Klin. 47: 768-771, 1952.  
Bull. Hyg. 28: 114, 1953.
- \* Downs, Gora M.; and Moody, Max D.  
Studies on tularemia. II. Antigenic properties of variants of Pasteurella tularensis in various hosts. J. Bact. 70(3): 305-312, 1955.
- \* Effects of serum treatment in 600 cases of acute tularemia. J. Amer. Med. Assoc. 110: 603, 1938.
- \* Eicke, W.  
Serial investigations on tularemia in 4,420 rats. Zentr. Bakteriol. Parasitenk. Abt. I. Orig. 156(2): 85-87, 1950.
- \* Feinberg, Richard J.; and Wright, G. G.  
Hemagglutination by tularemia antisera and its inhibition by polysaccharide. Federation Proc. 10: 407-408, 1951.
- \* Foshey, Lee.  
Tularemia; a summary of certain aspects to the disease including methods for early diagnosis and the results of serum treatment in 600 patients. Medicine. 19: 1-83, 1940.
- Foshey, Lee.  
Tularemia treated by a new specific antiserum. Amer. J. Med. Sci. 182: 235, Feb. 1934.
- \* Francis, Edward; and Evans, A. C.  
Agglutination, cross agglutination and agglutinin absorption in tularemia. Public Health Repts. 41: 1273-1295, 1926.
- \* Girard, G.  
Cross agglutination in tularemia and in brucellosis. Ann. inst. Pasteur. 79: 359-366, 1950.  
Bull. Hyg. 26: 1085, 1951.
- \* Girard, G.; Chevalier, R.; and Segond, L.  
Agglutinations croisees tularemie-brucelloses; mise au point de la question. Ann. inst. Pasteur. 79: 359-366, 1950.
- \* Girard, G.; and Gallut, J.  
Antigenic structure of Pasteurella tularensis. Ann. inst. Pasteur. 80: 557-559, 1951.
- \* Golem, S. B.  
Serologic investigations on tularemia in man and in domestic animals. Turk. Hifzissihha Tercubi Biol. Mecmuasi. 4: 1-23, 1944.  
Bull. Hyg. 22: 513-514, 1947.
- \* Green, T. W.; Wright, George G.; Alexander, Mary M.; and Johnson, Janet.  
Observations on agglutination of polysaccharide-treated erythrocytes by human tularemia antisera. Federation Proc. 9(1): 382, 1950.

## VIII. SEROLOGY AND ANTIGENIC STRUCTURE

- \* Jellison, William L.; and Kohls, Glen M.  
Persistance of agglutinins against Pasteurella tularensis in serums of naturally infected sheep. *J. Amer. Vet. Med. Assoc.* 117(884): 405-409, 1950.
- \* Kalitina, T. A.  
Allergic reaction of the skin as an indication of immunity to tularemia. *Zhur. Mikrobiol. Epidemiol. Immunobiol.* 27(6): 61-67, 1956.
- Kehl, R.  
Tularemia; chronic course with allergic manifestations. *Med. Klin. (Berlin)*. 47(23): 765-768, 1952.
- Khatenever, L. M.  
Allergic diagnosis specific prophylaxis and vaccinotherapy of tularemia. *Dost. Sovet. Med. Otech. Vojny.* 1: 65-83, 1943.
- \* Larson, Carl L.  
A serum protection test in tularemic infections in white rats. *Public Health Repts.* 62: 1793-1799, 1947.
- \* Larson, Carl L.; Bell, J. Frederick; and Owen, Cora R.  
Development of resistance in mice immunized with soluble antigen derived from Bacterium tularensis. *J. Immunol.* 73(4): 221-225, 1954.  
*Biol. Abstr.* #8857 (1955).
- \* Larson, Carl L.  
Skin reaction in rabbits produced by intradermal inoculation of suspensions of killed Pasteurella tularensis. *Public Health Repts.* 61: 1797-1806, 1946.
- \* Larson, Carl L.  
Studies on thermostable antigens extracted from Bacterium tularensis and from tissues of animals dead of tularemia. *J. Immunol.* 66(2): 249-260, 1951.
- Lavergne, V. H., de.  
Allergy in tularemia. *Presse med.* 58(26): 457-459, 1950.  
*Excerpta Med.* (IV) #5392 (1950).
- \* Lavergne, V. H., de; Helluy, J.; and Legris.  
Existence of and search for sensitizers in tularemia. *Compt. rend. soc. biol.* 144(23-24): 1691-1693, 1950.
- \* Lavergne, V., de; Helluy, J. R.; and Beurey, J.  
Method of rapid diagnosis of tularemia by isolation of pasteurellae. *Comp. rend. soc. biol.* 144(7-8): 561-562, 1950.
- \* Lewis, S. J.  
Some observations on simple blood smear agglutination tests in tularemia, typhus and undulant fever; a preliminary report. *New Orleans Med. Surg. J.* 83(1): 26-29, 1930.
- \* McDaniels, H. E.  
Tularemia: rapid agglutination test. *Amer. J. Public Health.* 21: 552, 1931.
- Martinevskii, I. L.  
About inoculative reactions attending skin vaccinations with an anti-tularemia vaccine. *Zhur. Mikrobiol. Epidemiol. Immunobiol.* #6: 46-47, 1953.

## VIII. SEROLOGY AND ANTIGENIC STRUCTURE

- Martinevskii, I. L.  
 Serologic reactions in vaccinated and not vaccinated subjects against tularemia. *Zhur. Mikrobiol.*  
*Epidemiol. Immunobiol.* #4: 67-70, 1955.
- Muraviev, N. V.; and Ivanova, T. E.  
 Methods of serological diagnosis of tularemia. *Zhur. Mikrobiol.*  
*Epidemiol. Immunobiol.* #7-8: 10-13, 1943.  
*Biol. Abstr.* #8618 (1946).
- Ohara, H.  
 Wild rabbit disease and tularemia serologically considered. *Japan. Med. World.* 7: 10-12, 1927.
- \* Ormsbee, Richard A.; Bell, J. Frederick; and Larson, Carl L.  
 Solubilized antigen preparations from Bacterium tularensis. *Federation Proc.* 12(1498): 455, 1953.
- \* Ormsbee, Richard A., Bell, J. Frederick; and Larson, Carl L.  
 Studies on Bacterium tularensis antigens. *J. Immunol.* 74(5): 351-358, 1955.
- \* Ormsbee, Richard A.; and Larson, Carl L.  
 Studies on Bacterium tularensis antigens. II. Chemical and physical characteristics of protective antigen preparations. *J. Immunol.* 74(5): 359-370, 1955.
- Richs, H. C.; and Wollack, H.  
 Abstract of literature on tularemia with laboratory report on 3 cases of tularemia from Oklahoma diagnosed by agglutination test. *J. Oklahoma Med. Assoc.* 21: 185-189, 1928.
- Shad.  
 Beitrag zur Epidemiologie und Serologie der Tularemia. *Deut. Militärarzt.* 8: 620, 1943.
- Shipitsina, G. K.  
 Chemical composition of the antigens of the tularemia bacterium. *Doklady Akad. Nauk SSSR.* 105(2): 315-318, 1955.
- Tichomirova, M.; Timofijewa, R.; and Ekstrem, N.  
 Thick-drop method of agglutination in tularemia. *Vestnik Mikrobiol. Epidemiol. Parasitol.* 14: 143-146, 1935.  
*Bull. Hyg.* 11: 245, 1936.
- Tovar, Raul M.  
 Tularemia en Mexico. II. Fenómenos immunológicos cruzados en brucelosis y tularemia. Diferenciación serología. *Med. Rev. Mexicana.* 25(490): 331-337, 1945.
- Vereninova, N. K.; Denisenko, L. K.; and Kursheva, A. N.  
 Sero-therapeutics of tularemia. I. Determination of the anti-infectious properties of tularemia sera. *Zhur. Mikrobiol.*  
*Epidemiol. Immunobiol.* #7-8: 28-32, 1943.  
*Biol. Abstr.* #8553 (1946).
- Volfertz, A.  
 A skin test in tularemia according to the method of Pirquet. *Vestnik Mikrobiol. Epidemiol. Parazitol.* 13: 277-278, 1934.  
*Bull. Hyg.* 10: 579, 1935.

## VIII. SEROLOGY AND ANTIGENIC STRUCTURE

- \* Wright, George G.; and Feinberg, R. J.  
Hemagglutination by tularemia antisera; further observations on agglutination of polysaccharide treated erythrocytes and its inhibition by polysaccharide. *J. Immunol.* 68: 65-72, 1952.
- \* Wright, George G.; and Feinberg, Richard J.  
Hemagglutination by tularemia antiserums; further observations on agglutination of polysaccharides. *J. Immunol.* 68: 65-71, 1952.  
*Chem. Abstr.* #12286f (1954).

## IX. VIRULENCE

- \* Bell, J. Frederick; Owen, Cora R.; and Larson, Carl L.  
Virulence of Bacterium tularensis. I. Study of the virulence of Bacterium tularensis in mice, guinea pigs and rabbits. *J. Infectious Diseases.* 97(2): 162-166, 1955.
- \* Blackford, S. D.; and Smith, Dudley C.  
Prolonged virulence of Bacterium tularensis in human tissue. *Southern Med. J.* 29: 1062-1067, 1936.
- \* Fleming, Dorothy E.; and Foshay, Lee.  
Studies on the physiology of virulence of Pasteurella tularensis. II. Serine deaminase and trans aminase activity. *J. Bact.* 71(3): 324-327, 1956.
- \* Francis, Edward.  
"Virulence of B. tularensis". Personal communication, dated July 9, 1941. 1p.
- \* Owen, Cora R.; Bell, J. Frederick; Larson, Carl L.; and Ormsbee, Richard A.  
Virulence of Bacterium tularensis. II. Evaluation of criteria of virulence of Bacterium tularensis. *J. Infectious Diseases.* 97(2): 167-176, 1955.
- \* Ranameier, J. C.  
The reaction of the chick embryo to virulent and nonvirulent strains of Bacterium tularensis. *J. Infectious Diseases.* 72: 86-90, 1943.

## X. EFFECT OF PHYSICAL AGENTS

- Dennis, J. M.; and Boudreau, R. P.  
Pleuropulmonary tularemia: its roentgen manifestations. *Radiology.* 68(1): 15-24, 1957.
- \* Francis, Edward.  
Seasonal incidence of tularemia and sources of infection. *Public Health Repts.* 42: 2948, 1927.
- \* Godbillie, M.  
Resistance of tularemia bacillus to heat. *Compt. rend. soc. biol.* 145: 462-463, 1951.
- Ivie, J. M.  
Roentgenological observation on pleuropulmonary tularemia. *Amer. J. Roentgenol.* 74(3): 466-471, 1955.

## X. EFFECT OF PHYSICAL AGENTS

Levchenko, A. P.

Tularemia in workers exposed to infected sugar beets. *Zhur. Mikrobiol. Epidemiol. Immunobiol.* #4: 47-51, 1955.

Makarov, N. I.; Makarova, E. P.; and Bogaeva, V. T.

Seasonal and age susceptibility of the lesser suslik (*Citellus pygmaeus* Poll.) to tularemia infection. *Zool. Zhur.* 34(3): 652-657, 1955.

Mashkov, A. V.; and Maltseva, N. K.

Modification of agglutination properties of culture of Pasteurella tularensis following exposure to various degrees of heat. *Zhur. Mikrobiol. Epidemiol. Immunobiol.* #4: 72-75, 1955.

\* Mazur, P.; Rhian, M. A.; and Mahlandt, B. G.

Survival of Pasteurella tularensis in sugar solutions after cooling and warming at sub-zero temperatures. *J. Bact.* 73(3): 394-397, 1957.

Perkins, E. H.; and Marcus, S.

Effect of x-radiation on susceptibility to infection following oral challenge in immunized and non-immunized mice. Air Force School Aviation Medicine (Randolph Field, Texas), p.1-6, 1957. Rept. #57-47.

Usov, Y. A.

Time of preservation of Bacterium tularensis in dead bodies of rodents under various temperature conditions. *Vestnik Mikrobiol. Epidemiol. Parazitol.* 16: 308-311, 1939.

Yeatter, Ralph E.; and Thompson, David H.

Cottontails, tularemia and weather. Illinois Conservation. (Winter Issue), 1943.

Yeatter, Ralph E.; and Thompson, David H.

Tularemia, weather, and rabbit populations. *Bull. Illinois Nat. Hist. Surv.* 25(Art. 6): 351-382, 1952.

*Biol. Abstr.* #1818 (1953).

## XI. EFFECT OF CHEMICAL AGENTS

\* Avi-Dor, Y.; and Yaniv, H.

Activity of catalase in Pasteurella tularensis. *J. Bact.* 63: 751-757, 1952.

\* Avi-Dor, Y.; and Yaniv, H.

Relation between changes in the stability of Pasteurella tularensis suspensions and in its bacterial population. I. The stability of suspensions of Pasteurella tularensis in the presence of electrolytes. *J. Bact.* 66: 1-5, 1953.

\* Bell, J. F.; and Kahn, O. B.

Efficacy of some drugs and biologic preparations as therapeutic agents for tularemia. *Archives Internal Medicine.* 75: 155-158, 1945.

\* Berkman, Sam.

Accessory growth factor requirements of the members of the genus Pasteurella. *J. Infectious Diseases.* 71: 201-211, 1942.

## XI. EFFECT OF CHEMICAL AGENTS

- \* Cultivation of Pasteurella tularensis in chemically defined media; effect of buffers and spermine. *Nature*. 174: 747-748. 1954.
- \* Elbert, B. Y.; and Gaiskii, N. A. Mechanism of infection and immunity in experimental tularemia. *Zhur. Mikrobiol. Epidemiol. Immunobiol.* #7-8: 55-56, 1945.
- \* Francis, Edward. Fermentation of sugars by Bacterium tularensis. *J. Bact.* 43: 343-346, 1942.
- \* Kann, Helen E.; and Mills, R. C. Oxidation of glutamic acid by Pasteurella tularensis. *J. Bact.* 69(6): 659-664, 1955.
- \* Miller, S.; and Avi-dor, Y. The effect of inorganic ions on respiration in Pasteurella tularensis and Escherichia coli. *J. Gen. Microbiol.* 18: 221-226, 1958.
- \* O'Kane, O. J. The substitution of Thiamine for the labile fraction of red blood cell extract in the growth of Bacterium tularensis. *J. Bact.* 51(4): 559-560, 1946.
- Pokrovskaya, E. V. Action of chloramine on tularemia bacteria. (Monograph). *Zhur. Mikrobiol. Epidemiol. Immunobiol.* #6: 44-46, 1953.
- \* Ransmeier, J. C.; and Stekol, J. A. Effect of sulfur-containing compounds on growth and hydrogen sulfide production by Bacterium tularensis. *Proc. Soc. Exptl. Biol. Med.* 51: 85-88, 1942.
- \* Sbarra, Anthony J.; and Woodward, John M. Host-parasite relationship in tularemia. II. A chemical study of the blood and urine of white rats infected with Pasteurella tularensis. *J. Bact.* 69: 363-366, 1955. *Chem. Abstr.* #8462e (1955).
- Sheveler, A. S. Effect of medicinal sleep and narcotic inhibition on allergic reaction and on formation of antibodies in tularemia. *Zhur. Mikrobiol. Epidemiol. Immunobiol.* #2: 30-31, 1954. *Ibid*: #2: 36-41, 1954.
- \* Snyder, T. L.; Penfield, R. A.; Engley, F. B., Jr.; and Creasy, J. C. Cultivation of Bacterium tularensis in peptone media. *Proc. Soc. Exptl. Biol. Med.* 63(1): 26-30, 1946.
- \* Stanziale, W. G. In vitro bactericidal activity of blood for Pasteurella tularensis. *J. Immunol.* 78(3): 156-159, 1957.
- \* Won, W. D. New medium for the cultivation of Pasteurella tularensis. *J. Bact.* 75(2): 237-239, 1958.
- \* Yaniv, H.; and Avi-Dor, Y. In vitro inhibition of Bacterium tularensis by metylene blue. *Nature*, 169: 201, 1952.

## XII. IMMUNIZATION AND PROPHYLAXES. VACCINES

- Alexander, Mary M.  
 The immune response of man to *Pasteurella tularensis*. George Washington Univ. Doctoral Dissertations, 1949.
- \* Alexander, Mary M.  
 A quantitative antibody response of man to infection or vaccination with *Pasteurella tularensis*.  
*J. Expt. Med.* 92(1): 51-58, 1950.
- \* Alexander, Mary M.; Wright, George G.; and Baldwin, Agnes C.  
 Observations on the agglutination of polysaccharide treated erythrocytes by tularemia antisera.  
*J. Exptl. Med.* 91(6): 561-566, 1950.
- \* Bardelli, P.; and Ravaglia, F.  
 Infusione nella lepri di una ressiva di caccia riferibile alla tularemia; nota preventiva.  
*Clin. Vet.* 54: 833-835, 1931.
- \* Bell, J. F.; Larson, C. L.; Wicht, W. C.; and Ritter, S. S.  
 Studies on the immunization of white mice against infections with *Bacterium tularensis*.  
*J. Immunol.* 69: 515-524, 1952.
- Belostotskaia, E. N.; Maksimova, E. B.; and Mashkilleison, A.  
 Case of allergic reaction to living tularemia vaccine. *Zhur. Mikrobiol. Epidemiol. Immunobiol.* #1: 97-98, 1954.
- Bilibin, A. J.  
 Vaccinotherapy of tularemia.  
*Klin. Med. (USSR)*. 21: 44-49, 1943.  
*Bull. Hyg.* 19: 611, 1944.
- \* Borodin, V. P.; and Koroleva, A. P.  
 Result of wide application of epicutaneous and diluted tularin in immunological characteristics of the population. *Zhur. Mikrobiol. Epidemiol. Immunobiol.* #11: 31-36, 1955.
- Condrea, P.; Gaiginichi, A.; Teodorovici, G.; Duca, E.; Stavri, N.; Rencea, I.; and Lascu, N.  
 Active artificial immunization against tularemia. *Rev. igiena. microbiol. epidemiol. Bucuresti.* #4: 60-68, 1954.
- \* Coriell, Lewis L.; Downs, Cora M.; and Clapp, Mary.  
 Studies on tularemia. III. Immunization of mice. *J. Immunol.* 56(3): 245-253, 1947.
- \* Coriell, L. L.; Downs, C. M.; Eigelsbach, H. T.; Pinchot, G. B.; Owen, Barbara; Hamilton, Bette; Spencer, G. R.; and Buchele, Imther.  
 The immunization of white rats against tularemia. *J. Bact.* 51(5): 623, 1946.
- Diachenko, S. S.; Khizkins'ka, O. P.; and Buialo, S. G.  
 Allergic reaction in man following vaccination with living yolk tularemia vaccine in cutaneous application. *Mikrobiol. zhur.* 15(1): 27-32, 1953.
- \* Downs, Cora M.  
 Immunologic studies on tularemia in rabbits. *J. Infectious Diseases.* 51: 315-323, 1932.

## XII. IMMUNIZATION AND PROPHYLAXES. VACCINES

- \* Downs, Cora M.; Coriell, Lewis L.; Eigelsbach, H. I.; Plitt, Karl F.; Pinchot, Gifford B.; and Owen, Barbara.  
Studies on tularemia. III. Immunization of white rats. *J. Immunol.* 56(3): 229-243, 1947.
- \* Eigelsbach, Harold T.; Braun, W.; and Herring, R. D.  
Studies on the immunogenic properties of Bacterium tularensis variants. *J. Infectious Diseases.* 91: 86-91, 1952.
- \* Elbert, B. Y.  
The experimental skin method of vaccination against tularemia. *Zhur. Mikrobiol. Epidemiol. Immunobiol.* 12: 87-89, 1945.
- \* Elbert, B. Y.; and Gaiskii, N. A.  
Mechanism of infection and immunity in experimental tularemia. *Zhur. Mikrobiol. Epidemiol. Immunobiol.* #7-8: 55-56, 1945.
- \* Foshay, Lee.  
Prophylactic vaccination against tularemia. *Amer. J. Clin. Pathol.* 2: 7-10, 1932.
- \* Foshay, Lee.  
"Skin test and vaccination in tularemia". Personal communication, dated March 3, 1947. 3p.
- \* Foshay, Lee; Hesselbrock, W. H.; Wittenberg, J. H.; and Rodenberg, A. H.  
Vaccine prophylaxis against tularemia in man. *Amer. J. Public Health.* 32: 1131-1145, 1942.
- \* Francis, Edward.  
Immunity in tularemia. *Trans. Assoc. Amer. Physicians.* 51: 394, 1936.
- \* Gamaleya, N.; and Pavlovskiy, Ye. N.  
Summary of tables derived from Soviet Monog. "Effect of vaccination against tularemia". CCIA Center #W/797c.
- \* Gotschlich, E.; Golem, S. B.; and Berkin, T.  
Immunization experiments on laboratory animals with living attenuated strains of *Bacterium tularensis*. First Communication. *Turk. Zeit. Hyg. exptl. Biol.* 2: 145-156, 1940.  
*Bull. Hyg.* 16(2): 97-98, 1941.
- Gotschlich, E.; Golem, S. Bilal; and Berkin, T.  
Immunization of experimental animals with mildly virulent living strains of *Bacterium tularensis*. *Turk. Zeit. Hyg. Exptl. Biol.* 2: 133-143; 157-166, 1940.
- Gotschlich, E.; Golem, S. B.; and Berkin, T.  
Versuche an laboratoriumstieren über immunisierung mit libenden schwachvirulenten staemmen des *Bacterium tularensis*. *Turk. Zeit. Hyg. exptl. Biol.* 2(1): 13-34, 1940.
- \* Green, T. W.; and Eigelsbach, H. T.  
Immunity in tularemia. *Arch. Internal Med.* 8: 777-782, 1950.
- \* Green, T. W.; Wright, George G.; Alexander, Mary M.; and Johnson, Janet.  
Observations on agglutination of polysaccharide-treated erythrocytes by human tularemia antisera. *Federation Proc.* 9(1): 382, 1950.

## XII. IMMUNIZATION AND PROPHYLAXES. VACCINES

- IUDenich, V. A.  
 Dissemination of Pasteurella tularensis in the system of immunized and non-immunized animals. *Zhur. Mikrobiol. Epidemiol. Immunobiol.* 27(5): 14-20, 1956.
- \* IUDenich, V. A.  
 Revaccination against tularemia. *Zhur. Mikrobiol. Epidemiol. Immunobiol.* #2: 31-36, 1954.
- \* Jirovec, O.  
 Wie lange bleibt der intradermale Tularintest positiv? *Zentr. Bakteriol. Parasitenk. Abt. I. Orig.* 168: 591-594, 1957.
- \* Kadull, Paul J.; Reams, Harold R.; Coriell, Lewis L.; and Foshay, Lee.  
 Studies on tularemia. V. Immunization of man. *J. Immunol.* 65(4): 425-436, 1950.  
*Biol. Abstr.* #5394 (1951).
- Khatenever, L. M.  
 Allergic diagnosis specific prophylaxis and vaccinotherapy of tularemia. *Dost. Sovet. Med. Otec. Vojny.* 1: 65-83, 1943.
- \* Khatenever, L. M.  
 Timely laboratory diagnosis of tularemia as a base of the control and prophylaxis in this infection. *Zhur. Mikrobiol. Epidemiol. Immunobiol.* #7-8: 3-9, 1943.  
*Biol. Abstr.* #8603 (1946).
- Kosmachevsky, V. V.  
 Results of the first clinical testing of Gaisky's tularemic living vaccine. *Klin. Med. (USSR).* 22(9): 60-68, 1944.  
*Bull. Hyg.* 26: 468, 1945.
- \* Larson, Carl L.  
 Immunization of white rats against infections with Pasteurella tularensis. *Public Health Repts.* 60: 725-734, 1945.
- Manolov, D. G.  
 Immunology of tularemia. *Zhur. Mikrobiol. Epidemiol. Immunobiol.* #7-8: 23-24, 1943.  
*Biol. Abstr.* #8617 (1944).
- Martinevskii, I. L.  
 About inoculative reactions attending skin vaccinations with an anti-tularemia vaccine. *Zhur. Mikrobiol. Epidemiol. Immunobiol.* #6: 46-47, 1953.
- \* Martinevskii, I. L.  
 Methods for studying the immunologic effectiveness of vaccination with living anti-tularemia vaccines. *Zhur. Mikrobiol. Epidemiol. Immunobiol.* 27(5): 20-22, 1956.
- Martinevskii, I. L.  
 Serologic reactions in vaccinated and not vaccinated subjects against tularemia. *Zhur. Mikrobiol. Epidemiol. Immunobiol.* #4: 67-70, 1955.
- Moody, Max D.  
 Variation, pathogenesis, and immunity in Bacterium tularensis. *Kansas Univ. Doctoral Dissertations.* 1955.
- \* Moody, Max D.; and Downs, Cora M.  
 Studies on tularemia. I. Relation between certain pathogenic and immunogenic properties of variants of Pasteurella tularensis. *J. Bact.* 70(3): 297-304, 1955.

## XII. IMMUNIZATION AND PROPHYLAXES. VACCINES

- \* Nelis, P.; Lafontaine, A.; De Maeyer-Cleempoel, S.; and Massa, H.  
*Essais experimentaux de vaccination contre la tularemie.* Rev. Immunol. 16: 300-305, 1952.
- \* Ohara, H.  
*Experimental inoculation of disease of wild rabbits into human body and its bacteriologic study.* Japan. Med. World. 6: 299-304, 1926.
- Pannell, Lelita.  
*Immunological studies on Bacterium tularensis.* Doctoral Dissertations, 1950.
- \* Pannell, L.  
*Studies on protection against experimental tularemia in mice.*  
 I. Altered susceptibility of white mice to tularemia following Hemophilus pertussin vaccination.  
*J. Infectious Diseases.* 102(2): 162-166, 1958.
- \* Pannell, L.  
*Studies on protection against experimental tularemia in mice.*  
 II. Immunogenicity of Bacterium tularensis filtrates in mice and enhancement by Hemophilus pertussis vaccine. *J. Infectious Diseases.* 102(2): 167-173, 1958.
- Pilipenko, V. G.; and Poliakova, A. M.  
*Possibility of simultaneous vaccination against tularemia and brucellosis.* I. Indices of immunobiologic transformation in guinea pigs following simultaneous subcutaneous and combined vaccination against tularemia and brucellosis. *zhur. Mikrobiol. Epidemiol. Immunobiol.* #4: 52-57, 1955.
- Pilipenko, V. G.; and Poliakova, A. M. K.  
*Possibilities of simultaneous vaccination against tularemia and brucellosis.* II. Indices of immunologic transformation in guinea pigs following simultaneous topical vaccination against tularemia and brucellosis. *zhur. Mikrobiol. Epidemiol. Immunobiol.* #5: 9-14, 1955.
- Pilipenko, V. G.; Poliakova, A. M.; and Shchekina, T. A.  
*Possibility of simultaneous vaccination against tularemia and brucellosis.* III. Indices of immunobiological changes in guinea pigs vaccinated simultaneously with tularemia and brucellosis vaccines by intradermal route. *zhur. Mikrobiol. Epidemiol. Immunobiol.* 27(3): 79-83, 1956.
- \* Ruchman, Isaac; and Foshay, Lee.  
*Immunizing response in mice after vaccination with Bacterium tularensis.* *J. Immunol.* 61(3): 229-234, March 1949.
- Rudniev, G. P.  
*Prophylaxis of tularemia.* *Voenno-Sanit. Delo.* #7: 49-52, 1942.
- Schmidt, H. W.  
*Vorbeugungsmassnahmen gegen tularemie.* *Zeit. arztl. Fortbild.* 41: 177, 1944.
- \* Shaughnessy, Howard J.; Grubb, Thomas C.; and Fauth, Albert G.  
*Active and passive immunization against tularemia.* Illinois Dept. Public Health Lab. 1p.

## XII. IMMUNIZATION AND PROPHYLAXES. VACCINES

- \* Sil'chenko, V. S.  
History of vaccination against tularemia. Zhur. Mikrobiol. Epidemiol. Immunobiol. #10: 83-89, 1955.
- \* Sil'chenko, V. S.  
On the problem of re-vaccination during inoculation against tularemia. Zhur. Mikrobiol. Epidemiol. Immunobiol. #6: 47-50, 1953.
- Studies on the pathogenesis and immunity of tularemia. Univ. Kansas (Lawrence) Navy Contract N6-ONR-26007. Progress Rept., 1 Jan-30 June 1952.
- Tevar, Raul M.  
Tularemia en Mexico. II. Fenomenos immunologicos cruzados en brucellosis y tularemia. Diferenciacion serologica. Med. Rev. Mexicana. 25(490): 331-337, 1945.
- \* Tularemia prophylaxis. J. Amer. Med. Assoc. 144(17): 1468, 1950.
- \* Turner, Paul A.  
Preventive medicine problems peculiar to the Pacific Coast. J. Amer. Med. Assoc. 81: 1423-1425, 1923.
- Vashkov, V. I.; and Pronina, E. V.  
Basic measures on the prevention of tularemia and trends of work of anti-tularemia stations. Zhur. Mikrobiol. Epidemiol. Immunobiol. #1: 92-97, 1954.
- Vereninova, N. K.; Denisenko, L. A.; and Kontorina, A. A.  
Comparative study of efficiency of vaccines in tularemia. Zhur. Mikrobiol. Epidemiol. Immunobiol. #7-8: 32-35, 1943. Biol. Abstr. #8554 (1946).

## XIII. CHEMOTHERAPY

- \* Abel, Oliver, Jr.  
The use of streptomycin in tularemia. J. Missouri State Med. Assoc. 43: 167-169, 1946.
- \* Archambault, H. A.  
Tularemia; case report; recovery with use of streptomycin. Connecticut State Med. J. 11: 899, 1947.
- \* Atwell, R. J.; and Smith, David T.  
Primary tularemia pneumonia treated with streptomycin. Southern Med. J. 39(11): 858-860, 1946.
- \* Bell, J. F.; and Kahn, O. B.  
Efficacy of some drugs and biological preparations as therapeutic agents for tularemia. Archives Internal Medicine. 75: 155-158, 1945.
- \* Berson, Robert C.; and Howell, Aubrey B.  
Streptomycin in the treatment of tularemia. Amer. J. Med. Sci. 215(3): 243-249, 1948.
- \* Carroll, Hubert H.; and Gorman, John E.  
Tularemia; report of a case treated successively with streptomycin and aureomycin. U. S. Naval Med. Bull. 49(6): 1085-1087, 1949.
- \* Cawley, R.; and Lofsky, B.  
Tularemia treated with streptomycin. Clin. Proc. Child. Hospt. Washington. 3: 193-197, July 1947.

### XIII. CHEMOTHERAPY

- \* Chapman, S. S.; Coriell, Lewis L.; and Kowal, S. F.  
Streptomycin studies in tularemia. II. Streptomycin therapy in white rats. *J. Infectious Diseases.* 85(1): 39-44, 1949.
- \* Chapman, S. S.; Coriell, Lewis L.; and Nelson, W. E.  
Streptomycin studies in tularemia. III. Streptomycin therapy in monkeys. *J. Infectious Diseases.* 85(1): 45-61, 1949.
- \* Chapman, S. S.; Coriell, L. L.; Kowal, S. F.; Nelson, W.; and Downs, C. M.  
Studies on streptomycin therapy of experimental tularemia in white mice. *J. Bact.* 51: 607, 1946.
- \* Chapman, S. S.; Downs, Cora M.; Coriell, Lewis L.; and Kowal, S. F.  
Streptomycin studies in tularemia. I. Effect of straptothricin and streptomycin on *Bacterium tularensis* *in vitro* and *in vivo* (mouse). *J. Infectious Diseases.* 85(1): 25-38, 1949.
- \* Chapman, S. S., Downs, C. M.; and Kowal, S. F.  
Studies on the bacteriostatic-bactericidal action of streptomycin on *Bacterium tularensis*. *J. Bact.* 51: 606, 1946.
- \* Cohen, R. B.; and Lasser, Richard.  
Primary tularemic pneumonia treated with streptomycin. *J. Amer. Med. Assoc.* 131: 1126-1127, 1946.
- \* Cooper, H. R.  
Tularemia, with special reference to streptomycin therapy; report of a case. *U. S. Naval Med. Bull.* 48: 102-107, 1948.
- \* Curtis, W. L.  
Sulfanilamide in the treatment of tularemia. *J. Med. Assoc. (Ga.)* 29: 369-370, 1940.
- \* J. Amer. Med. Assoc. 113: 294, 1939.
- Dagradi, A. E.; Solloid, N.; and Friedlander, J. H.  
Treatment of tularemia with aureomycin. *N. Y. State J. Med.* 50(16): 1970, 1950.
- Delafontaine, P.; Damiens, G.; and Garnier, P.  
Study of three cases of tularemia observed in the Paris region. Transmission by the wild rabbit. Isolation of a human strain. Treatment with streptomycin. *Sem. hop., Paris.* 25(96): 4027-4030, 1949.
- \* Donin, Milton N.; Pagano, Joseph; Dutcher, James D.; and McKee, Clara M.  
Methymycin, a new crystalline antibiotic. *Antibiotics Ann.*, 1953-54. *Proc. Symposium Antibiotics (Wash., D. C.)*, 1953: 179-185, 1954.  
*Chem. Abstr.* #7701h (1954).
- \* Draper, A. G.  
Streptomycin in tularemic pneumonia with two case reports. *N. Carolina Med. J.* 8(7): 392-397, 1947.
- \* Ecke, D. H.; and Ecke, D. H.  
Tularemia and undulant fever treated with Atabrine. *Illinois Med. J.* 93: 318-320, June 1948.

### XIII. CHEMOTHERAPY

- \* Foshay, Lee.  
A comparative study of the treatment of tularemia with immune serum, hyperimmune serum and streptomycin. Amer. J. Med. 1(2): 180-188, 1946.
- \* Foshay, Lee.  
Streptomycin in the treatment of tularemia. J. Indiana Med. Assoc. 41(2): 207-211, 1948.
- \* Foshay, Lee.  
Tularemia; treatment of tularemia by streptomycin. Amer. J. Med. 2(5): 467-473, 1947.
- \* Foshay, Lee.  
Streptomycin in tularemia.  
Personal communication, dated April 5, 1945. 2p.
- \* Foshay, Lee; and Pasternack, A. B.  
Streptomycin treatment of tularemia. J. Amer. Med. Assoc. 130(7): 393-398, 1946.
- \* Francis, Edward.  
Streptomycin in treatment of tularemia. Trans. Assoc. Amer. Physicians. 60: 181-186, 1947.
- \* Gordon, A. M.  
Streptomycin in tularemia.  
J. Amer. Med. Assoc. 132: 21-22, 1946.
- \* Hamilton, E. L.  
A case of pulmonary tularemia treated with aureomycin. New England J. Med. 248: 1013-1014, 1953.
- \* Hartnett, W. G.; and Mollico, S. C.  
Tularemia; treatment of a case with streptomycin. Southern Med. J. 39(10): 774-777, 1946.
- Heather, A. J.; and Scott, E. G.  
Tularemia; a case treated with streptomycin. Delaware State Med. J. 18: 148-150, 1946.
- \* Heilman, F. R.  
Streptomycin in the treatment of experimental tularemia. Proc. Staff Meetings Mayo Clinic. 19: 553-558, 1944.
- \* Howe, Calderon; Coriell, L. L.; Bookwalter, H. L.; and Ellingson, H. V.  
Streptomycin treatment in tularemia. J. Amer. Med. Assoc. 132(4): 195-200, 1946.
- \* Hunt, J. S.  
Pleuropulmonary tularemia; observations on 12 cases treated with streptomycin. Ann. Internal Med. 26(2): 263-276, 1947.
- \* Jackson, W. W.  
Further report on use of bismuth sodium tartrate intravenously in the treatment of 203 additional patients with tularemia. Amer. J. Med. Sci. 213: 350-361, 1947.
- \* Jackson, W. W.  
The treatment of tularemia with intravenous bismuth sodium tartrate. Amer. J. Med. Sci. 209: 513-520, 1945.
- \* Johnson, J. B.; and Wilkinson, C. B.  
Tularemia treated with streptomycin. Amer. J. Med. Sci. 214: 645-650, 1947.
- \* Johnson, J. B.; Wilkinson, C. B.; and Figueros, E.  
Streptomycin treatment of tularemia. Amer. J. Med. 3(1): 117, 1947.

### XIII. CHEMOTHERAPY

- \* Johnson, Stephen L.  
Primary tularemic pneumonia treated with streptomycin.  
*J. Indiana State Med. Assoc.* 42(2): 125-127, 1949.
- \* Johnston, J. M.  
Ulceroglandular and pulmonary tularemia treated with sulfanilimide. *J. Amer. Med. Assoc.* 115: 1360, 1940.
- \* Josey, A. I.  
Penicillin treatment of a case of tularemia without effect.  
*J. Amer. Med. Assoc.* 126: 496-497, 1944.
- Karcher, Francois.  
Two cases of tularemia treated with chloramphenicol. *Presse med.* 58: 96, 1950.  
*Biol. Abstr.* #1482 (1952).
- \* Larson, Carl L.  
Effect of aureomycin upon infection with Bacterium tularensis in experimental animals.  
*J. Immunol.* 62(4): 425-436, August 1949.
- \* Larson, C. L.; Garle, B. N.; and Verder, A. E.  
The effect of polymyxin in the treatment of experimental brucellosis and tularemia. *Ann. N. Y. Acad. Sci.* 51(5): 982-986, 1949.
- \* Lesser, R. E.; and Miller, S.  
Ulceroglandular tularemia treated with streptomycin; two cases. *New England J. Med.* 238: 554-556, 1948.
- Levy, H. B.; Webb, G. H.; and Wilkinson, J. D.  
Streptomycin therapy for childhood tularemia. *New Orleans Med. Surg. J.* 103(2): 78-81, 1950.
- \* Lindeke, H. I.; and Maiden, S. D.  
Oculoglandular tularemia treated with aureomycin. *J. Amer. Med. Assoc.* 142(2): 99, 1950.
- \* Loria, F. L.  
Treatment of tularemia with acriflavin. *Amer. J. Med. Sci.* 202: 803-808, 1941.
- McCrumb, F. R., Jr.; Snyder, M. J.; and Woodward, T. E.  
Studies on human infection with *Pasteurella tularensis*: Comparison of streptomycin and chloramphenicol in the prophylaxis of clinical diseases. *Trans. Assoc. Amer. Physicians.* 70: 74-79, 1957.
- McKee, W. P.  
Ulcero-glandular tularemia; treated with streptomycin. *Kentucky Med. J.* 45: 51-52, 1947.
- Marcus, H.; and Santemma, E. E.  
Tularemic pneumonia diagnosed by streptomycin response. *N. Y. State J. Med.* 50(4): 461-462, 1950.
- \* May, L. M.  
Late tularemic septicemia; recovery following administration of sulfanilamide compounds. *Ann. Internal Med.* 15(2): 320-323, 1941.
- \* Minden, Percy; and Springer, J. E.  
Oculoglandular tularemia treated with streptomycin. *J. Amer. Med. Assoc.* 134(13): 1061-1064, 1947.
- Miyamori, A.  
In vitro and vivo activities of several kinds of basic antibiotics from *streptomyces* upon *Pasteurella tularemia*. *Tohoku J. Exptl. Med.* 58(2): 195-198, 1953.

### XIII. CHEMOTHERAPY

- Nelis, P.; Lafontaine, A.; Massa, H.; and De Maeyer-Cleempoel, S.  
Action des antibiotiques dans la tularemie experimentale de la souris. *Rev. immunol.* 16: 305-309, 1952.
- \* Noogin, R. O.; and Burleson, P. W.  
Tularemia; report of an unusual case treated with streptomycin. *Southern Med. J.* 40(11): 903-905, 1947.
- \* Parker, M. R.; Lester, L. M.; Bauer, R. E.; Hall, H. E.; and Woodward, T. E.  
Chloramphenicol in tularemia. *J. Amer. Med. Assoc.* 143(1): 7-11, 1950.
- \* Peterson, R. L.; and Parker, R. R.  
Tularemic pneumonia; treatment with streptomycin. *Public Health Repts.* 61(34): 1231-1234, 1946.
- Powers, G. L.  
Tularemia; report of a case treated with sulfanilamide and antiserum. *Texas State J. Med.* 35: 350, 1939.
- \* Pulaski, Edwin J.; and Amspacher, W. H.  
Streptomycin therapy of tularemia in U. S. Army hospitals. *Amer. J. Med. Sci.* 214: 144-147, 1947.
- \* Ransmeier, J. C.  
The effect of aureomycin against *Bacterium tularensis*. *J. Clin. Invest.* 28(5): 977-982, 1949.
- \* Ransmeier, J. C.  
Studies on the activity of sodium sulfadiazine against *Bacterium tularensis*. *J. Infectious Diseases.* 72(1): 77-85, 1943.
- \* Ransmeier, John C.; Price, H. J.; and Barnes, Zerney B., Jr.  
Aureomycin in the treatment of tularemia. *Amer. J. Med.* 7(4): 518-524, 1949.
- \* Reed, W. C.  
The treatment of tularemia with streptomycin. *Virginia Med. Monthly.* 74(2): 47-49, 1947.
- Richou, R.; and Gerbeaux, G.  
Treatment of pasteurellosis of the rabbit by antagonist complexes based on streptomycin. *Rec. med. vet.* 126(3): 161-163, 1950.
- Robertson, E. S.; Jones, C. T.; and Snider, G. E.  
Effectiveness of aureomycin in treatment of tularemia; report of 2 cases. *Virginia Med. Monthly.* 78: 71-73, 1951.
- Rosenthal, J. W.  
Tularemia treated with streptomycin; analysis of 54 cases. *New Orleans Med. Surg. J.* 103: 477-479, 1951.
- \* Sakurai, Nobuo; Tanami, Yah; and Oikawa, Mitio.  
On the effects of dihydro-streptomycin against *Bacterium tularensis*. *Naturwiss.* 41(14): 338-339, 1954.  
*Excerpta Med. (IV) #1895 (1955).*
- Savel'eva, R. A.; and Uglovci, G. P.  
Treatment of tularemia of the respiratory tract with streptomycin. *Klin. Med. (USSR).* 31: 47-50, 1953.  
*Abstr. World Med.* 15: #402, 1954.

### XIII. CHEMOTHERAPY

- \* Smith, D. T.; and Atwell, R. J.  
Primary tularemia pneumonia treated with streptomycin; report of two cases. Southern Med. J. 39: 858-860, 1946.
- Smith, W. F.; and Rice, J. M.  
Tularemia; case in northern New York State treated with sulfa-pyridine, sulfanilamide derivatives. N. Y. State Med. J. 41: 686-687, 1941.
- \* Tamura, J. T.  
The action of sulfonamides and of Para-aminbenzoic acid on Bacterium tularensis. J. Bact. 47: 529-533, 1944.
- \* Tamura, Joseph T.; and Suyomoto, William.  
Quantitative aspects of streptomycin therapy in experimental tularemia. J. Bact. 54(1): 84, 1947.
- Tomb, A. S.  
Treatment of tularemia with terramycin. Texas State J. Med. 48: 94-95, 1952.  
Excerpta Med. (VII) #5860 (1952).
- Uglovci, G. P.  
Use of Russian streptomycin in ulcerative-bubonic form of human tularemia. Klin. Med. (USSR). 30: 30-32, 1952.
- Vlaseva, E. V.; Matveev, K. I.; and Muzhenkova, N. P.  
Functioning of streptomycin during experimental tularemia in white mice. Zhur. Mikrobiol. Epidemiol. Immunobiol. #6: 31-33, 1953.
- \* Weilbaecher, J. O., Jr.; and Moss, Emma S.  
The treatment of tularemia with the thiazole derivative of sulfanilamide. New Orleans Medical Surg. J. 92: 694-697, 1940.
- Wise, A. W.; and Miller, W. A.  
Subacute bacterial endocarditis due to bacillus tularensis, treated by streptomycin. Illinois Med. J. 92: 182-183, 1947.
- Witherington, J. B.  
Tularemia treated with streptomycin sulfate. Memphis Med. J. 21: 139-140, 1946.
- \* Woodward, Theodore E.; Raby, Wm. T.; Eppis, W.; Holbrook, Wm. A.; and Hightower, John A.  
Aureomycin in treatment of experimental tularemia. J. Amer. Med. Assoc. 139(13): 830-832, 1949.
- \* Yaniv, H.; Avi-Uor, Y.; and Olitzki, A. L.  
In vitro development of streptomycin resistance in Bacterium tularensis. Experientia. 9: 23-24, 1953.

### XIV. OTHER THERAPY

Baer, H. L.  
Roentgen treatment of the primary lesion of tularemia. Arch. Dermatol. u Syphilol. 28: 557-559, Oct. 1933.

Baldor, J. I.  
Primary cutaneous tularemia and its diagnosis in the tropics, specific serotherapy: case. Rev. Med. Cubana. 49: 899-908, 1938.

#### XIV. OTHER THERAPY

- Barthelme, F. L.  
 Metaphen intravenously in the treatment of tularemia. Illinois Med. J. 72: 317-320, 1937.  
 J. Chemotherapy. 14: 117-119, 1938.
- Berinskaya, A. N.  
 Tularemia pneumonia, clinical aspects, diagnosis and therapy. Soviet Med. 5(13-14): 28, 1941.
- Bilibin, A. J.  
 Vaccinotherapy of tularemia. Klin. Med. (USSR). 21: 44-49, 1943.  
 Bull. Hyg. 19: 611, 1944.
- Bronina, R. I.  
 Clinical features and treatment of tularemia in children. Pediatria. 38: 47-53, 1949.
- Gondrea, P.; Franche, M.; Vita, A.; Teodorovici, G.; Duca, E.; Dragomir, C.; Lascu, N.; Mihu Popovici, C.; Segal, I.; and Ene, M.  
 Antitularemic living vaccine in therapy of tularemia. Rev. igiena microbiol. epidemiol. Bucuresti. #2: 27-36, 1954.
- \* Current Therapy, 1955. Latest approved methods of treatment for the practicing physician. W. B. Saunders Co., Philadelphia, 1955.
- \* Dickey, Francis G.  
 Tularemia; a diagnostic and therapeutic study. Bull. School Med. Univ. Maryland. 24(3): 143-150, 1940.
- Dzhanpoladova, V. P.  
 The influence of tissue therapy upon the bubo of rabbits during the tularemia. (Monograph). Khur. Mikrobiol. Epidemiol. Immunobiol. #6: 63, 1953.
- \* Elson, L. N.  
 The treatment of tularemia. New Orleans Med. Surg. J. 91: 296, Dec. 1938.
- \* Flinn, L. B.  
 Specific antiserum in the treatment of tularemia. Delaware State Med. J. 7: 219-222, Nov. 1935.
- \* Foshay, L.  
 Aids in the diagnosis and treatment of tularemia. J. Med. 15: 186, 1934.
- \* Foshay, Lee.  
 An antiserum for the treatment of tularemia. J. Amer. Med. Assoc. 101: 1447-1449, 1943.
- \* Foshay, Lee.  
 Diagnosis and treatment of tularemia. Postgrad. Med. 4(4): 315-321, 1948.
- \* Foshay, Lee.  
 The nature of the bacterial specific intradermal antiserum reaction. J. Infectious Diseases. 59: 330-339, 1936.
- \* Foshay, Lee.  
 On the treatment of tularemia. Ohio State Med. J. 31: 21, 1935.
- \* Foshay, Lee.  
 Serum treatment of tularemia. J. Amer. Med. Assoc. 98: 552, 1932.
- \* Foshay, Lee.  
 Tularemia; a summary of certain aspects to the disease including methods for early diagnosis and the results of serum treatment in 600 patients. Medicine. 19: 1-83, 1940.

#### XIV. OTHER THERAPY

- Foshay, Lee.  
Tularemia treated by a new specific antiserum. Amer. J. Med. Sci. 182: 235, Feb. 1934.
- \* Foshay, Lee; Ruchman, I.; and Nicholas, P. S.  
Antitularens serum; correlation between protective capacity for white rats and precipitable antibody content. J. Clin. Inves. 26(4): 756-760, 1947.  
J. Lab. & Clin. Med. 32(3): 332, 1947.
- \* Francis, Edward; and Felton, Lloyd D.  
Antitularemia serum. Public Health Repts. 57(2): 44-55, 1942.
- Khatenever, L. M.  
Allergic diagnosis specific prophylaxis and vaccinotherapy of tularemia. Dost. Sovet. Med. Otech. Vojny. 1: 65-83, 1943.
- Magath, T. B.  
Tularemia; diagnosis and treatment. Med. Clin. N. Amer. 21: 855-886, May 1937.
- \* Marr, G. E.  
Tularemia and its treatment with "Lyovac" antitularemic serum. Ohio State Med. J. 37: 1154-1155, 1941.
- \* Moss, E. S.; and Weilbascher, J. O.  
Recent advances in the diagnosis and treatment of tularemia. Southern Med. J. 34: 512-517, 1941.
- Nelson, L. N.  
The treatment of tularemia. New Orleans Med. Surg. J. 91: 296, 1938.
- \* Nelson, R. L.  
Tularemia with low agglutination titer disappearing after serum therapy. Minnesota Med. 20: 97, 1937.
- Ohara, H.  
On the allergic skin reaction and the application of diagnostic fluid and immune serum. Sendai, Japan. Saito Gratitude Foundation Ann. Rept. of Work. #9, December 1933.
- Popov, N. A.  
Preparation of tularemia anti-serum from horse-serum. Vestnik Mikrobiol. Epidemiol. Parazitol. 16: 89-100, 1938.
- \* Ravenswaay, Alex Van.  
Tularemia; result of treatment. J. Missouri State Med. Assoc., p. 533-534, 1932.
- Read, P. S.; and Nagle, J. R.  
Meningitis problems due to *Bacterium tularensis* treated with anti-meningitis serum. Colorado Med. 28: 599-600, 1931.
- Scarpa, C.  
Tularemia; a clinical, epidemiological and therapeutic study. Dermatologia (Napoli). Excerpta Med. (IV) #5809 (1954).
- \* Scheer, P.  
Treatment of tularemia. Munch. med. Wochschr. 91: 231-232, 1944.
- Taylor, R. R.  
Report on tularemia; its diagnosis and treatment. J. Arkansas Med. Soc. 47(2): 47-50, 1950.

#### XIV. OTHER THERAPY

- \* Toman, A. J.  
Tularemia and its treatment with serum. Illinois Med. J. 77: 53-55, 1940.
- Zeiter, W. J.  
Tularemia treated with artificial fever therapy. Cleveland Clinic Quart. 6: 295, 1939.
- \* Volfertz, A. A.; and Gorochoff, W. I.  
Whey treatment during tularemia. Tularaemia Dept. Govt. Inst. Microbiology Epidemiology S. East RSFSR and Stalingrad Anti-Plague Station.

#### XV. ANIMAL SOURCES AND ANIMAL PATHOGENICITY

- Alsuf'ef, N. G.; and Emel'ianova, O. Mixed epizootic tularemia, listeriosis, and streptoccal infection among voles during the winter. Zhur. Mikrobiol. Epidemiol. Immunobiol. #2: 36-41, 1954.
- \* Amoss, Harold L.; and Sprunt, Douglas H.  
Tularemia. Review of literature of cases contracted by ingestion of rabbit. J. Amer. Med. Assoc. 106: 1078-1081, 1936.
- Aoki, K.; Kondo, S.; and Tazawa, Y.  
Bacteriologic investigation of a new disease which is very probably caused by infection from hares. Tokyo Iji-Schinshi. 24: 1-5, 1925.
- \* Austin, B. F.  
Tularemia or rabbit-fever. Manuscript, Feb. 9, 1944. 4p.
- \* Bacon, M.; Bacon, R. F.; and Drake, C. H.  
Bacterial infections in wild rodents of eastern and central Washington. J. Infectious Diseases. 102(1): 5-13, 1958.
- \* Banfield, A. W. P.  
Tularemia in beavers and muskrat. Waterton Lake National Park, Alberta, 1952-53. Can. J. Zool. 32(3): 139-143, 1954. Vet. Bull. #43 (1955).
- \* Bang, B.  
Tularemie, eine hauptsachlich auf Ansteckung durch Hasen und andere Nager zurückzuführende Infektionskrankheit. Sonderdr. Tierärztl. Rdsch. 37(4): 57-60, 1931. Ibid: 37(5): 73-75, 1931.
- Barnes, W. C.  
Rabbit fever or tularemia. Sci. Monthly. 27: 463-469, 1928.
- \* Basset, J.  
Tularemia in hares. A recently detected epizootic in France. Rev. pathol. comparée. 49(604): 178-192, 1949.
- \* Basset, J.  
Tularemie. Epizootic récemment identifiée en France chez le lièvre. Bull. acad. vet. France. 20(4): 164-166, 1947.  
\* Ibid: 20(8): 334-338, 1947.

## XV. ANIMAL SOURCES AND ANIMAL PATHOGENICITY

- \* Belding, D. L.; and Merrill, B. Tularemia in imported rabbits in Massachusetts. *New England J. Med.* 224: 1085-1087, 1941.
- \* Bell, I. R. A case of tularemia of unusual origin. *Can. Med. Assoc. J.* 50(6): 555-556, 1944.
- Bell, W. B.; and Shillinger, J. F. Tularemia, an animal-borne disease. U. S. Dept. Agric. Bur. Biol. Surv. Wildlife Research & Manag. Leaflet BS-5.
- \* Berdnikov, V. A. Epizootic tularemia in rodents as cause of epidemic in man. *Vestnik Mikrobiol. Epidemiol. Parazitol.* 13: 61-66, 1934.
- \* Brown, J. H. Susceptibility of fur-bearing animals and game birds to tularemia. *Can. Field-Naturalist.* 58: 55-60, 1944.
- \* Brumpt, E. Tularemia and its hosts and vectors. *Med. Parazitol.* 4(1-2): 23-28, 1935.
- \* Buchele, Luthex; and Downs, Cora M. Studies on pathogenesis and immunity in tularemia. II. Immune response to the white rat to Bacterium tularensis. *J. Immunol.* 63: 135-145, 1949.
- \* Calhoun, Ernest L. Natural occurrence of tularemia in lone star tick, and in dogs in Arkansas. *Amer. J. Trop. Med. Hyg.* 3: 360-366, 1954. *Vet. Bull.* 24: 488, 1954.
- \* Calhoun, Ernest L.; Mohr, Carl O.; and Alford, Hugh I., Jr. Dogs and other mammals as hosts of tularemia and of vector ticks in Arkansas. *Amer. J. Hyg.* 63(2): 127-135, 1956.
- \* Calhoun, Ernest L.; Mohr, Carl O.; and Alford, Hugh I., Jr. Dogs as hosts of tularemia and vector ticks in Central Arkansas. *Vet. Med.* 51(1): 25, 1956.
- \* Cat-scratch and tularemia. *Lancet.* 2: 812, 1950.
- Chambers, W. E. Human tularemia infection through bite of the domestic cat. *Med. Bull. Veterans Admin.* 19: 206-207, 1942-43.
- Cherkasskii, E. S.; Mashkov, A. V.; and Sorina, S. E. The susceptibility of the nutria to tularemia. *Zool. Zhur.* 31: 571-573, 1952. *Biol. Abstr.* #32702 (1953).
- \* Coffee, W. M.; and Miller, J. Acute canine tularemia. *J. Amer. Med. Assoc.* 102: 210-212, 1943.
- Collins, M. M. Transmission of tularemia by domestic cat. *New Orleans Med. Surg. J.* 85: 105-106, 1933.
- \* Coriell, Lewis L.; Downs, Cora M.; and Clapp, Mary. Studies on tularemia. III. Immunization of mice. *J. Immunol.* 56(3): 245-253, 1947.

#### XV. ANIMAL SOURCES AND ANIMAL PATHOGENICITY

- \* Coriell, L. L.; Downs, G. M.; Eigelsbach, H. T.; Pinchot, G. B.; Owen, Barbara; Hamilton, Bette; Spencer, G. R.; and Buchele, Luther. The immunization of white rats against tularemia. *J. Bact.* 51(5): 623, 1946.
- \* Coriell, L. L.; King, E. O.; and Smith, M. G. Studies on tularemia. IV. Observations on tularemia in normal and vaccinated monkeys. *J. Immunol.* 58(2): 183-202, 1948.
- \* Councilman, W. T.; and Strong, Richard P. Plague-like infections in rodents. *Trans. Assoc. Amer. Physicians*, 1921. 9p.
- Crawford, Monroe. Tularemia from ingestion of insufficiently cooked rabbit. *J. Amer. Med. Assoc.* 99: 1497-1948, 1932.
- David, Hans; and Schiessler, Paul. On the occurrence of tularemia in wild rabbits (Feldhasen) in Central Germany. *Deut. tierarztl. Wochschr.* 47(23): 337-338, 1939.
- \* Davis, Gordon E. Tularemia. The susceptibility of the white-tailed prairie dog to tularemia. *Public Health Repts.* 50(22): 731-732, 1935.
- Delcoulme, M. Tularemia; infection due to friction. *Bull. acad. vet. France.* 23(3): 158-161, 1950. *Excerpta Med. (IV)* #5391 (1950).
- \* Dieter, L. V.; and Rhodes, B. Tularemia in wild rats. *J. Infectious Diseases.* 38: 541-546, 1926.
- \* Downs, Cora M. Immunologic studies on tularemia in rabbits. *J. Infectious Diseases.* 51: 315-323, 1932.
- \* Downs, Cora M.; Buchele, L.; and Edgar, E. P. Studies on pathogenesis and immunity in tularemia. I. The pathogenesis of tularemia in the white rat. *J. Immunol.* 63: 117-133, 1949.
- \* Downs, Cora M.; Buchele, Luther; and Owen, Barbara J. Studies on the pathogenesis and immunity in tularemia. I. The course of infection with Bacterium tularensis as seen in the normal, vaccinated and recovered white rat. *J. Bact.* 54: 83-84, 1947.
- \* Downs, Cora M.; Coriell, Lewis L.; Eigelsbach, H. I.; Plitt, Karl F.; Pinchot, Gifford B.; and Owen, Barbara. Studies on pathogenesis and immunity in tularemia. III. Immunogenic properties for the white mouse of various strains of Bacterium tularensis. *J. Immunol.* 63: 147-163, 1949.
- Drieux, H.; Paille, R.; and Thierry, G. Microscopic character of lesions of experimental tularemia. *Reed. med. vet.* 125(12): 816-821, 1949. *Biol. Abstr.* #11420 (1951).
- Dunaeva, T. N.; and Olsufiev, N. G. The susceptibility to tularemia infection of certain species of meadow mice (Sub-family Microtinae). *Zool. Zhur.* 31(3): 457-466, 1952.

## XV. ANIMAL SOURCES AND ANIMAL PATHOGENICITY

- Dunaeva, T. N.; and Emel'ianova, O. S.  
Susceptibility of the muskrat *Andatra zibethica* L. to tularemia. *Zool. Zhur.* 19(5): 459-465, 1950.
- \* Ecke, D. H.; and Holdenried, Robert. Tularemia from a wood rat in New Mexico. *Public Health Repts.* 67: 588-589, 1952.
- \* Eckstein, A. W. Tularemia; case contracted from infected rabbit. *Rhode Island Med. J.* 24: 84-90, 1941.
- \* Ey, L. G.; and Daniels, R. E. Tularemia in dogs. *J. Amer. Med. Assoc.* 117: 2071-2072, 1941.
- \* Fenstermacher, R.; Sautter, J. H.; and Pomeroy, B. S. Tularemia in beavers and its transmission to man. *North Amer. Veterinarian.* 30(4): 250-255, 1949.
- \* Francis, Edward. Absence of tularemia (rabbit fever) in rabbits raised in rabbitries. *J. Amer. Med. Assoc.* 85: 378, 1925.
- Francis, Edward. Arthropods in the transmission of tularemia. *Intern. Congr. Entomol. (Ithaca).* 2: 928-944, August 1928.
- \* Francis, Edward. Tularemia (plague-like disease of rodents; deer-fly fever; rabbit fever). *Cecil's Textbook of Medicine.* 3d edition, 1933. p.378-381.
- Fras, A. Tularemia in hares in Yugoslavia. *Vet. Glasn.* 8: 772-774, 1954. *Vet. Bull.* #2309 (1955).
- Geiger, J. C. Tularemia in cattle and sheep. *Calif. & Western Med.* 34(3): 1-3, 1931.
- \* Glenney, W. C. "Tularemia in mink". Personal communication, dated August 21, 1943. 2p.
- \* Golem, S. Bilal. Attempts at transmission of tularemia to land turtles. *Bull. soc. pathol. exotique.* 32: 141-143, 1939.
- \* Golem, S. B. Natural infection of tularemia in guinea pigs and the action of tularemia strain on some carbohydrates. *Poliklinik.* 97: 15-19, 1941.
- \* Golem, S. B. Sensitivity of buffalo to tularemia and the role which they play in the propagation of that disease. *Turk. vet. cem. derg.* 14: 1-7, 1946.
- Golem, S. Bilal. The sensitivity of the frog (*Rana ridibunda*) to tularemia. *Bull. soc. pathol. exotique.* 32: 869-871, 1939.
- Golem, S. B. Tularemia in cold-blooded animals. *Turk. zeit. Hyg. exptl. Biol.* 2: 177-183, 1940.
- Gorham, John R. Mink fox susceptible to tularemia. *Amer. Natl. Fur Market J.* 28(3): 21, 1949.

## XV. ANIMAL SOURCES AND ANIMAL PATHOGENICITY

- Gorokhov, V. I.; and Kazantseva, A. L.  
 Chronic course of tularemia in ground squirrels and their significance as carriers of virus.  
*Vestnik Mikrobiol. Epidemiol. Parazitol.* 19: 92-95, 1940.
- Graham, R.; and Thorp, F.  
 Tularemia of animals communicated to men. *J. Amer. Vet. Med. Assoc.* 75: 769-771, 1929.
- Gray, O. B.  
 Tularemia. Illinois State Vet. Med. Assoc. Release, November 1930. 1p.
- Green, R. G.  
 Gross lesions of tularemia in cottontail rabbits and snowshoe hares. *Minnesota Wildlife Diseases Invest.*, p.2-3, 1938.
- Green, R. G.  
 Susceptibility of beaver to tularemia. *Minnesota Wildlife Diseases Invest.* 3: 110, 1937.
- \* Green, R. G.  
 Tularemia; a common disease in wild animals. *Minnesota Conservationist.* #67: 14-16, 1939.
- Green, R. G.  
 Tularemia in relation to wild life. *Proc. Intern. Assoc. Game & Fish Comm. Minnesota*, Sept. 12, 1929.
- \* Green, R. G.  
 Tularemia in wild life and its transmission to man. *J. Lancet*, June 1, 1930. 8p.
- \* Green, R. G.  
 Virulence of tularemia related to animal and arthropod hosts. *Amer. J. Hyg.* 38: 282-292, 1943.
- \* Green, R. G.; and Shillinger, J. E.  
 A natural infection of the sharp-tailed grouse and the ruffed grouse by *Pasteurella tularensis*. *Proc. Soc. Exptl. Biol. Med.* 30: 284-287, 1932.
- \* Green, R. G.; and Wade, E. M.  
 Experimental tularemia in birds. *Proc. Soc. Exptl. Biol. Med.* 25: 637, 1928.
- \* Green, R. G.; and Wade, E. M.  
 A natural infection of quality *Bacterium tularensis*. *Proc. Soc. Exptl. Biol. Med.* 26: 626-627, 1929.
- \* Green, R. G.; and Wade, E. M.  
 Ruffled grouse are susceptible to tularemia. *Proc. Soc. Exptl. Biol. Med.* 25: 515-517, 1928.
- \* Green, R. G.; and Wade, E. M.  
 Tularemia in the cat. *Proc. Soc. Exptl. Biol. Med.* 25: 856-857, 1928.
- \* Green, R. G.; Wade, E. M.; and Dewey, E. T.  
 Experimental tularemia in muskrat. *Proc. Soc. Exptl. Biol. Med.* 26: 426, 1929.
- \* Green, R. G.; Wade, E. M.; and Kelly, W.  
 Experimental tularemia in ring-necked pheasant. *Proc. Soc. Exptl. Biol. Med.* 26: 260-263, 1928.
- \* Gwatkin, R.; Painter, R. H.; and Moynihan, I. W.  
 Tularemia in sheep. *Can. J. Comp. Med. Vet. Sci.* 6(6): 163-168, 1942.

## XV. ANIMAL SOURCES AND ANIMAL PATHOGENICITY

Hicks, L. E.

Rabbits and the prevention of tularemia in Ohio. Ohio Wildlife Research Sta., OSU, Columbus. Release #176, 1942.

\* Horne, H.

A lemming pest and a guinea pig epizootic; a contribution intended to elucidate the reasons for the mortality among lemmings during the "lemming-years", so-called. *Centr. Bakteriol. Parasitenk. Abt. I. Orig.* 66(2/4): 169, 1912.

Hull, Thomas G.

Tularemia; a disease of rodents and man. *Nation's Health*, Nov. 15, 1927.

Isakov, J. A.; and Karpov, S. P. On the role of the field mouse, *Apodemus agrarius* in the epizootiology and epidemiology of tularemia. *Zhur. Microbiol. Epidemiol. Immunobiol.* #7-8-57, 1945.

Isakov, J. A.; and Sazonova, O. N. On factors governing transmission of tularemia in West Siberia. *Med. Parasitol. Parasitic Diseases (USSR)*. 15: 75-83, 1946. *Bull. Hyg.* 22: 34, 1947.

Iwamoto, M.; Muto, K.; and Aomesosa, T. On a form of pseudo-tuberculous lymphoma infected from the hare. *Takeyo Iju-Shinshi*. #2421, May 1925.

\* Jawetz, E.

A latent pneumotropic *pasteurella* of laboratory animals. *Proc. Soc. Exptl. Biol. Med.* 68(1): 46-48, 1948. *Excerpta Med. (IV)* #167 (1949).

Jellison, W. L.; and Kohls, G. M.

Tularemia in sheep and in sheep industry workers in western United States. *Public Health Serv. Publ.* #421. *Public Health Monog.* #28, 1955. *Bull. Hyg.* 31(5): 517, 1956.

\* Jellison, W. L.; Kohls, G.; Butler, W. J.; and Weaver, James A. Epizootic tularemia in the beaver *Castor canadensis* and the contamination of stream water with *Pasteurella tularensis*. *Amer. J. Hyg.* 36: 168-182, 1942.

\* Jellison, W. L.; Kohls, G. M.; and Philip, C. B. Tularemia - muskrats as a source of human infection in Utah. *Rocky Mt. Med. J.* 48: 594-597, 1951.

\* Jellison, W. L.; and Parker, R. R. Rodents, rabbits and tularemia in North America; some zoological and epidemiological considerations. *Amer. J. Trop. Med.* 25(4): 349-362, 1945.

\* Johnson, H. N. Natural occurrence of tularemia in dogs used as source of canine distemper virus. *J. Lab. Clin. Med.* 29: 906-915, 1944.

\* Jungherr, E. Latent feline tularemia apparently responsible for a human infection. *J. Bact.* 43(5): 643, 1942.

Kalabukhov, N. I.

Biological bases of the methods used in the fight against mouse like rodents in an enzootic area of tularemia. *Zool. zhur.* 23(6): 351-368, 1944.

## XV. ANIMAL SOURCES AND ANIMAL PATHOGENICITY

- Kasprzak, E.; Pieniazek, J.; and Serafinowicz, H.  
Tularemia - a professional zoonotic disease. *Med. Weterynar.* (Poland). 6: 345-349, 1950.
- Kazantseva, A. L.; and Gorokhov, V. I.  
Epizootic of tularemia among marmots, mice and *Lagurus lagurnus* Pall. *Vestnik Mikrobiol. Epidemiol. Parazitol.* 13: 213-217, 1934.  
*Bull. Hyg.* 10: 172, 1935.
- \* Kirkwood, T.  
Tularemia from the fox squirrel. *J. Amer. Med. Assoc.* 96: 941-942, 1931.
- \* Kock, G., de.  
Wild animals as carriers of infection. *S. African Med. J.* 12: 725, 1938.
- \* Kohls, Glen M.; and Steirhaus, Edward A.  
Tularemia: spontaneous occurrence in shrews. *Public Health Repts.* 58: 842, 1943.
- \* Klotz, A. W.  
"Tularemia in sheep". Personal communication, dated May 31, 1949. 1p.
- Kolpakova, S. A.; and Ekstrom, N. V.  
Epizootiology of tularemia: length of conservation of ectoparasitism in old nests of rodents (Muridae) and longevity of *Bacterium tularensis* in these parasites. *Vestnik Mikrobiol. Epidemiol. Parazitol.* 15: 351-356, 1936.
- Kuhns, E.; Houtz, C. S.; and Axley, A.  
Tularemia from a porcupine. *Rocky Mt. Med. J.* 50(9): 736, 1953.  
*Excerpta Med.* (IV) #849 (1955).
- \* Kunkel, G. M.  
Report of case of tularemia contracted from a coyote (*Canis leistes*) in New Mexico. *Public Health Repts.* 45: 439-440, 1930.
- \* Kursban, N. J.; and Foshay, Lee.  
Tularemia acquired from the pheasant. *J. Amer. Med. Assoc.* 131: 1493-1494, 1946.
- \* Labzoffsky, N. A.; and Sprent, J. A. F.  
Tularemia among beaver and muskrat in Ontario. *Can. J. Med. Sci.* 30: 250-255, 1952.  
*Biol. Abstr.* #28770 (1952).
- \* Langford, E. V.  
An outbreak of tularemia in beaver and muskrat in Waterton Lakes National Park, Alberta. *Can. J. Comp. Med. Vet. Sci.* 18(1): 28-30, 1954.  
*Excerpta Med.* (IV) #850 (1955).
- \* Larson, Carl L.  
Immunization of white rats against infections with *Pasteurella tularensis*. *Public Health Repts.* 60: 725-734, 1945.
- \* Larson, C. L.  
The susceptibility of the golden hamster (*Crictetus auratus*) to tularemia. *Public Health Repts.* 60: 839-842, 1945.
- \* Leser, R. U.; and Wilbur, D. L.  
Tularemia: report of a case in which the carrier probably was a pheasant. *Proc. Soc. Staff Meetings Mayo Clinic.* 11: 52, 1936.
- Levy, W. C.  
Tularemia transmitted by muskrats. *N. Y. State Med.* 52(21): 2630-2623, 1952.

## XV. ANIMAL SOURCES AND ANIMAL PATHOGENICITY

- Lilleengen, K.  
 Tularemia hos hare i Sverige.  
 (Tularemia in hares in Sweden).  
*Svensk. Vet. Tidskr.* 47(12):  
 644-672, 1942.
- Lincoln, H. P.  
 Tularemia; the rabbit disease.  
*Southern Sportsman.* 7(3): 9;  
 23-24, 1943.
- Little, R. P.  
 Tularemia or rabbit fever.  
*Hygeia.* 25: 836-837, 1947.
- \* Lundgren, D. L.; Marchette, N. J.;  
 and Smart, K. L.  
 Tularemia in the coyote. *Canis*  
*latrans lesto* Merriam.  
*J. Infectious Diseases.* 101:  
 154-157, 1957.
- \* McArthur, F. Y.; and Brown, S. B.  
 Tularemia in sheep. *J. Amer.*  
*Vet. Med. Assoc.* 116(876):  
 204-205, 1950.
- McCoy, G. W.  
 Studies upon plague in ground  
 squirrels. II. A plague-like  
 disease of rodents. *Public*  
*Health Bull.* #43: 53-71, 1911.
- \* McCoy, G. W.; and Chapin, C. W.  
 Further observations on a  
 plague-like disease of rodents  
 with a preliminary note on the  
 causative agent; *Bacterium tularensis*. *J. Infectious Diseases.*  
 10: 61-72, 1912.
- \* McCoy, George W.; and Chapin,  
 Charles W.  
 Studies of plague, a plague-  
 like disease and tuberculosis  
 among rodents in California.  
*Public Health Bull.* #53: 3-30,  
 1912.
- Martin, R.; Mercier, P.; and  
 Peret, R.  
 New case of tularemia caused by  
 the bite of an animal vector, a  
 boar. *Bull. mem. soc. med. hop.*  
*Paris.* 63: 464-467, 1947.  
*Excerpta Med. (IV)* #4032 (1948).
- \* Mease, J. A.  
 Tularemia from opossums.  
*J. Amer. Med. Assoc.* 92: 1042,  
 1929.
- Mercier, P.  
 A case of tularemia caused by  
 the bite of a wild boar. *Ann.*  
*biol. clin. (Paris).* 5(4):  
 358-363, 1947.
- \* Miasnikov, Iu. A.  
 Case of tularemia infection in  
 men transmitted by a mole. *Zhur.*  
*Mikrobiol. Epidemiol. Immunobiol.*  
 27(2): 103-105, 1956.
- \* Michigan State Board of Health.  
 Tularemia (rabbit fever). 3p.
- \* Miller, D. H.  
 Transmission of tularemia by  
 the fin prick of a catfish.  
*Military Surgeon.* 84: 23-28,  
 1939.
- \* Miller, L. D.; and Montgomery,  
 E. L.  
 Human tularemia transmitted by  
 bite of cat. *J. Amer. Vet. Med.*  
*Assoc.* 130(7): 314-315, 1957.
- Minnesota Medicine.  
 Epizootiology of tularemia in  
 Minnesota. *Minnesota Med.* 19:  
 484, 1936.

## XV. ANIMAL SOURCES AND ANIMAL PATHOGENICITY

- \* Morgan, B. B.  
 Experimental studies with Pasteurella tularensis in fish. Amer. J. Trop. Med. 27: 399-401, 1947.
- Nakamura, Mitsuru.  
 A survey of Pasteurella tularensis infection in the animals of the Jackson Hole area. Zool. 35(2): 129-131, 1950.
- Nakamura, Mitsuru.  
 Tularemia in the jumping mouse. J. Mammal. 31(2): 194, 1950.
- Nakamura, Mitsuru.  
 Tularemia in the red-tailed hawk. Auk. 67(3): 383-384, 1950.
- Nekipelov, N. V.  
 Ob epizootiiakh tularemii. Zhur. Mikrobiol. Epidemiol. Immunobiol. #11: 41-46, 1946.
- Novikova, E. I.; and Lazarov, G. A.  
 Role of amphibians in epizootiology of tularemia. Vestnik Mikrobiol. Epidemiol. Parazitol. 19: 271-292, 1940.
- Ohara, Hachiro.  
 Concerning an acute febrile disease transmitted by wild rabbits. Jukken Iho., March 12, 1925.
- Ohara, H.  
 Experimental inoculation of a disease of wild rabbits into the human body, and its bacteriologic study. Japan. Med. World. 6: 299-304, 1926.
- Ohara, Hachiro.  
 Human inoculation experiments with a disease of wild rabbits with a bacteria study. Kinsei Igaku. 12(5), 1925.
- Ohara, H.  
 On an acute febrile disease transmitted by wild rabbits. Japan. Med. World. 6: 263-270, 1926.
- Oleufev, N. G.; Pronina, E. A.; and Savaleva, R. A.  
 Clinical-epidemiological properties of tularemia in the nucleus of a mouse (southern) type. Zhur. Mikrobiol. Epidemiol. Immunobiol. #6: 53-56, 1953.
- Olsufiev, N. G.; and Dunaeva, T.  
 Sensitivity to tularemia of the weasel, skunk and fox and their possible epidemiologic significance. Zool. Zhur. 30: 78-83, 1951.  
 Biol. Abstr. #37320 (1951).
- Olsufiev, N. G.; Dunaeva, T. N.; Emelianova, O. S.; and Petrov, V. G.  
 Study of the properties of *Bacterium tularensis* and its biological correlation to host animals and tick transmitters. Vestnik Akad. Med. Nauk SSSR. #2: 20-29, 1950.
- Oesting, M.  
 Oculoglandular tularemia contracted from the tree squirrel. Ohio State Med. J. 35: 730-732, 1939.
- Ossman, J. A.; and Bohrer, E. R.  
 Tularemic pneumonia (opossum as source of infection). J. Missouri State Med. Assoc. 44: 659-661, 1947.
- Paille, R.  
 Tularemia in the hare. First identified cases in France. Bull. Acad. vet. France. 20(3): 97-102, 1947.  
 Excerpta Med. (IV) #173 (1949).

## XV. ANIMAL SOURCES AND ANIMAL PATHOGENICITY

- Palm, John M.  
The hazards of butchering.  
Indiana State Med. J., Nov. 1947.
- \* Pannell, Lolita; and Downs, Cora M.  
Studies on the pathogenesis and immunity of tularemia. I. The demonstration of a protective antibody in mouse serum. J. Infectious Diseases. 92: 195-204, 1953.
- \* Parker, R. R.  
Quail as a source of tularemia infection in man. Public Health Repts. 44(17): 999-1000, 1929.
- \* Parker, R. R.  
Tularemia; occurrence in the sage hen. Public Health Repts. 47: 479-488, 1932.
- \* Parker, R. R.  
Tularemia: spontaneous occurrence in the chipmunk. Public Health Repts. 60(1): 17, 1945.
- \* Parker, R. R.  
Tularemia in beavers and muskrats and the contamination of natural water with Pasteurella tularenses in the northwestern United States. J. Bact. 45: 56-57, 1943.
- \* Parker, R. R.; and Dade, J. S.  
Tularemia in sheep in nature. Public Health Repts. 44(3): 126-130, 1929.
- \* Parker, R. R.; and Francis, E.  
Susceptibility of the coyote (*canis latrans*) to tularemia. Public Health Repts. 41: 1407-1410, 1926.
- \* Parker, R. R.; Philip, G. B.; and Davis, G. E.  
Tularemia; occurrence in the sage hen, *Centrocercus urophasianus*. Public Health Repts. 47(9): 479-487, 1932.
- \* Parker, R. R.; Steinhaus, E. A.; Kohls, G. M.; and Jellison, W. L.  
Contamination of natural waters and mud with *Pasteurella tularensis* and tularemia in beavers and muskrats in the northwestern United States. Natl. Inst. Health Bull. #193, 1951. 61p.
- Parnas, J.  
Tularemia as an occupational disease in the country. Med. Pracy. 6(1): 53-56, 1955.
- Pavlovski, E. N.  
Znachenie suslikov v epidemiologii i parazitologii. Trudy Zashchite Rastenii. 4(1): 73-84, 1931.
- \* Perry, J. C.  
Tularemia among meadow mice in California. Public Health Repts. 43: 260-263, 1928.
- \* Philip, G. B.; and Davis, G. E.  
Tularemia; observations on a strain of low initial virulence from rabbit ticks. Public Health Repts. 50(28): 909-911, 1935.
- Plakhova, V. B.  
Materials for a comparative description of the various methods for establishing precipitation reactions in tularemia. zhur. Mikrobiol. Epidemiol. Immunobiol. #3: 59, 1954.
- Pohlig, W.  
Shipment of wild life as cause for human tularemia diseases. Oeff. Gesundhdienst. 17(8): 295-297, 1955.
- \* Postma, C.  
Tularemia and game inspection. Tijdschr. Diergeneesk. 65(10), 1938.

#### XV. ANIMAL SOURCES AND ANIMAL PATHOGENICITY

- \* Quam, S. F.  
Quantitative oral infectivity of tularemia for laboratory animals. Amer. J. Hyg. 59(3): 282-291, 1954.
- \* Reed, L. J.; and Muench, H.  
Simple method of estimating fifty per cent endpoints. Amer. J. Hyg. 27: 493-497, 1938.
- \* Rudesill, C. L.  
Tularemia from the bite of a nursing kitten. J. Amer. Med. Assoc. 108: 2118, 1937.
- \* Saito, K.  
Experimental study of eye disease of Yato-Byo of domestic rabbit. Sendai, Japan. Saito Gratitude Foundation. Ann. Rept. Work. #7, Dec. 1931.
- \* Sarchi, G. I.  
Tularemia in water rats, diagnosis by precipitation reaction. Zentr. Bakteriol. Parasitenk. Art. I. Orig. 117: 367-376, 1936.
- \* Sbarra, A. J.; and Woodward, J. M.  
Host-parasite relationship in tularemia. II. Clinical study of the blood and urine of white rats infected with Pasteurella tularensis. J. Bact. 69(3): 363-366, 1955.
- \* Schlotthauer, C. F.; Thompson, L.; and Olson, G.  
Epizootic of tularemia in gray foxes. J. Infectious Diseases. 56: 28-30, 1935.
- \* Schlotthauer, C. F.; Olson, G., Jr.; and Thompson, L.  
Tularemia in a wild grey fox. Proc. Staff Meetings Mayo Clinic. 9: 12-16, 1934.
- Schmidt, H. W.  
Die tularemie als zoonose von praktischer Bedeutung. Tularemia as a zoonosis of practical importance. Med. Klin., p.708-709, 1942. Zentr. Bakteriol. Parasitenk. Ref. I. Orig. 143: 267, 1943.
- \* Schwartz, H.  
Tularemia from the muskrat. J. Amer. Med. Assoc. 92: 1180, 1929.
- \* Scott, John W.  
Natural occurrence of tularemia in beaver and its transmission to man. Science. 91: 263, 1940.
- \* Seghetti, Lee.  
The recovery of Pasteurella tularensis from natural waters by guinea pig inoculation. Cornell Vet. 42: 462-463, 1952.
- Silva, M., de.  
Pasteurella pestis; infeccao pestosa nos reedores e em outros animais; peste e tularemia. Folha Med. 23: 4-11, 1942.
- Skrodzki, E.; Lazaga, K.; Sokolowska, B.; and Tworek, R.  
Investigations on tularemia in cattle. Bull. Inst. Marine & Trop. Med. Acad. Gdansk. 6: 77-80, 1955.
- Skrodzki, E.; Lazaga, K.; Sokolowska, B.; and Tworek, R.  
Tularemia in Szczecin Voivodship. V. Infection of cattle with tularemia. Przelad epidemiol. 8(3): 179-184, 1954.
- Skrodzki, E.; and Sokolowska, B.  
Cases of tularemia in dogs. Bull. Inst. Marine Trop. Med. Med. Gdansk. 5: 91-94, 1953.

## XV. ANIMAL SOURCES AND ANIMAL PATHOGENICITY

- Skrodzki, E.; and Tomaszunas, S.  
Course of experimental tularemia in field rodents. *Przeglad. Epidemiol.* 8(3): 189-192, 1954.
- Skrodzki, E.; Tomaszunas, S.; Wojcik, K.; and Hryniiewicz, H.  
Mass bacteriological investigations of rodents in areas of endemic outbreaks of tularemia. *Bull. Inst. Marine & Trop. Med. Med. Acad. Gdansk.* 6: 41-44, 1955.
- Skrodzki, E.; Tomaszunas, S.; Wojcik, K.; and Hryniiewicz, H.  
Tularemia in the Szczecin Voivodship. IV. Investigation on tularemia in the field rodents. *Przeglad. Epidemiol.* 8(3): 173-178, 1954.
- Skrodzki, E.; and Wojcik, K.  
Course of experimental tularemia in hares. *Przeglad. Epidemiol.* 8(3): 185-188, 1954.
- Smiles, G. J.  
Report of case of tularemia from bite of a cat. *Wisconsin Med. J.* 30: 988-989, 1931.
- \* Stagg, Gordon; Tanner, William S.; and Lavender, John.  
Experimental infections of native animals with Pasteurella tularensis. *J. Infective Diseases.* 99(1): 34-37, 1956.
- Sylvest, E.  
Tularemia - disease of lemmings. *Ugeskrift Laeger.* 98: 307-336, 1936.
- Sviridenko, P. A.  
Distribution and mode of feeding of field mouse, *Apodemus agarius* Palli, and its bearing of epidemics. *Comp. rend. acad. sci. (USSR).* 42: 96-100, 1944.
- \* Tankersley, E.; and Johnson, I. L.  
Game bird as possible dissemination of tularemia. *J. Med. Assoc. Alabama.* 1: 478-479, 1932.
- Ter-Vartnov, V. N.; Zakharchenko, S. K.; Ioff, I. G.; Kaganova, L. S.; Polrocskaiia, M. P.; Tiflov, V. E.; and Fediva, O. A.  
Epidemiology of tularemia and the methods of their detection. *Zhur. Mikrobiol. Epidemiol. Immunobiol.* #7-8: 44-59, 1953.  
*Bull. Hyg.* #8650 (1946).
- \* Theiler, H.  
Attempted experimental infections of chickens with tularemia. *Cornell Vet.* 18: 348-352, 1928.
- \* Tularemia, a human health hazard. *Vet. Med.* 51(9): 434, 1956.
- \* Tularemia in sheep and sheep handlers. *Public Health Repts.* 70(7): 720, 1955.
- \* Tularemia infection in field mouse in South Dakota. *Public Health Repts.* 57(2): 1743, 1942.
- \* Tularemia infection in muskrats. *Public Health Repts.* 57(1): 980, 1942.
- Tumanskiy, V. M.; and Kolesnikova, Z. I.  
Susceptibility of certain types of sparrow and of domestic fowl to tularemia. *Vestnik Mikrobiol. Epidemiol. Parazitol.* 15: 231-240, 1936.

## XV. ANIMAL SOURCES AND ANIMAL PATHOGENICITY

- Tumanskiy, V. M.; and Kolesnikova, Z. I.  
 Tularemia epizootic among ground squirrels (*Citellus pygmaeus*) Pallas, at Zambatinsky region of Western Kazakhstan in Spring 1934. *Vestnik Mikrobiol. Epidemiol. Parazitol.* 14: 263-269, 1935.  
*Bull. Hyg.* 11: 303, 1936.
- \* U. S. Dept. of Agriculture. Bureau of Biological Survey.  
 Tularemia, an animal-borne disease. Bi-903, January 1928. 3p.
- \* U. S. Public Health Service.  
 Tularemia from muskrats bites reported in New York State. *Public Health Repts.* 54: 1244-1245, 1939.
- Vail, Edward L.; and McKenny, F. D.  
 Diseases of domestic animals. U. S. Dept. Interior. Fish & Wildlife Serv. Conservation Bull. #31, 1943.
- \* Varela, Gerardo; and Mariotte, Carlos Ortiz.  
 Investigation of tularemia in dogs and rabbits. *Rev. Inst. salubridad y enfermedad trop. (Mexico)*. 6(2): 113-115, 1945.
- \* Vest, E. D.; and Marchette, N. J.  
 Transmission of *Pasteurella tularensis* among desert rodents through infective carcasses. *Science*. 128(3320): 363, 1958.
- \* Volferz, A.; Kolpaova, A.; and Flegontova, A.  
 On epizootiology of tularemia. I. The role of ectoparasites in the tularemic epizootic of ground squirrels. *Vestnik Mikrobiol. Epidemiol. Parazitol.* 13: 103-116, 1934.  
*Bull. Hyg.* 10: 172, 1935.
- Voronkova, M.  
 Investigation of Arvicola amphibius for tularemia on the rayon of Astrakhan. *Vestnik Mikrobiol. Epidemiol. Parazitol.* 8: 433, 1929.
- Waller, E. F.  
 Tularemia in Iowa cottontail rabbits and in a dog. *Vet. Student.* 2: 54-55; '73, 1940.
- \* Wherry, W. B.  
 Discovery of *Bacterium tularensis* in wild rabbits and the danger of its transfer to man. *J. Amer. Med. Assoc.* 63: 2041, 1914.
- \* Wherry, W. B.  
 A new bacterial disease of rodents transmissible to man. *Public Health Repts.* 29: 3387-3390, 1914.
- Woelffer, S. A.  
 Rabbit fever. *Hoard's Dairyman*. 101: 295, 1956.
- \* Woodward, John M.; Sbarra, Anthony J.; and Holtzman, D. Frank.  
 Host-parasite relationship in tularemia. I. Study of the influence of *Bacterium tularensis* on the amino acid metabolism of white rats. *J. Bact.* 67(1): 58-61, 1954. *Chem. Abstr.* #3536b (1954). *Excerpta Med. (IV)* #1894 (1955). *Vet. Bull.* 24(9): 488, 1954. *Brit. Abstr.* #1144 (1951).
- Woolley, Paul G.  
 The lesions in experimental infection with *Bacterium tularensis*. *J. Infectious Diseases*. 17: 510-513, 1915.

## XV. ANIMAL SOURCES AND ANIMAL PATHOGENICITY

- Yamaguchi, M.  
Experimental studies of rabbit's disease in Japan. Trans. Japan. Pathol. Soc. 21: 499-504, 1931.
- Yeatter, Ralph E.; and Thompson, David H.  
Cottontails, tularemia and weather. Illinois Conservation. (Winter Issue), 1943.
- Yeatter, Ralph E.; and Thompson, David H.  
Tularemia, weather, and rabbit populations. Bull. Illinois Nat. Hist. Surv. 25(Art. 6): 351-382, 1952.  
Biol. Abstr. #1818 (1953).
- Zarkhi, G. I.  
Tularemia among water rats; methods of studying them. Gigiena i epidemiol. 9: 40-45, 1930.  
Zentr. Bakteriol. Parasitenk. Abt. I. Orig. 117: 367-376, 1930.  
Bull. Hyg. 5: 875, 1930.

## XVI. ANIMAL PATHOLOGY

- \* Bablet, J.; Girard, G.; and Bernard, P.  
Lesions histologiques dans la tularemie expérimentale de la souris et du cobaye. Compt. rend. soc. biol. 142: 9-10, Jan. 1948.  
Excerpta Med. (IV) #170 (1949).
- \* Burroughs, A. L.; Holdenried, R.; Loganbecker, D. S.; and Meyer, K. F.  
A field study of latent tularemia in rodents with a list of all known naturally infected vertebrates. J. Infectious Diseases. 76: 115-119, 1945.
- \* Calhoun, Ernest L.; Mohr, C. O.; and Alford, H. I.  
The place of dogs and ticks in the epizootiology of tularemia in Arkansas. J. Parasitol. 40(5): 28, 1954.
- \* Chapman, S. S.; Downs, Cora M.; Coriell, Lewis L.; and Kowal, S. F.  
Streptomycin studies in tularemia. I. Effect of straptothricin and streptomycin on Bacterium tularensis in vitro and in vivo (mouse). J. Infectious Diseases. 85(1): 25-38, 1949.
- Dwijkoff, P. P.  
Pathogenic anatomy of experimental tularemia. Vestnik Mikrobiol. Epidemiol. 9: 169-185, 1930.  
Verchow's Arch. pathol. Anat. u Physiol. 278: 481-497, 1930.
- Dzhanpoladova, V. P.  
Blood picture in experimental tularemia. Arkh. Patol. 13: 104, 1951.

## XVI. ANIMAL PATHOLOGY

- \* Hammersland, H. L.; and Joneschild, C. M.  
Tularemia in beaver. *J. Amer. Vet. Med. Assoc.* 96: 96, 1940.
- \* Jellison, William L.; and Kohls, Glen M.  
Persistence of agglutinins against *Pasteurella tularensis* in serums of naturally infected sheep. *J. Amer. Vet. Med. Assoc.* 117(884): 405-409, 1950.
- Lawrence, W. H.  
Report on the beaver die-off in Michigan. *J. Wildlife Management.* 20: 184-187, 1956.
- \* Lillie, R. D.; and Francis, Edward.  
The pathology of tularemia in the Belgian hare (*Oryctogolus cuniculus*). *Natl. Inst. Health Bull.* 167: 83-114, 1936.
- \* Lillie, R. D.; and Francis, E.  
The pathology of tularemia in the black-tailed jack rabbit (*Lepus sp.*). *Natl. Inst. Health Bull.* 167: 115-119, 1936.
- \* Lillie, R. D.; and Francis, E.  
The pathology of tularemia in the California ground squirrel (*Citellus beecheyi beecheyi*). *Natl. Inst. Health Bull.* 167: 131-139, 1936.
- \* Lillie, R. D.; and Francis, E.  
The pathology of tularemia in the cotton rat (*Sigmodon hispidus*). *Natl. Inst. Health Bull.* 167: 127-130, 1936.
- \* Lillie, R. D.; and Francis, E.  
The pathology of tularemia in the cottontail rabbit (*Sylvilagus floridanus*). *Natl. Inst. Health Bull.* 167: 121-126, 1936.
- \* Lillie, R. D.; and Francis, E.  
Pathology of tularemia in the guinea pig (*Cavia cobaya*). *Natl. Inst. Health Bull.* 167: 155-177, 1936.
- \* Lillie, R. D.; and Francis, E.  
The pathology of tularemia in the mouse (*Mus musculus* and *Mus musculus albinus*). *Natl. Inst. Health Bull.* 167: 141-146, 1936.
- \* Lillie, R. D.; and Francis, E.  
The pathology of tularemia in the opossum (*Didephis virginiana*). *Natl. Inst. Health Bull.* 167: 183-186, 1936.
- \* Lillie, R. D.; and Francis, E.  
The pathology of tularemia in other mammals. *Natl. Inst. Health Bull.* 167: 187-202, 1936.
- \* Lillie, R. D.; and Francis, E.  
The pathology of tularemia in the quail (Bobwhite), (*Colinus virginianus*). *Natl. Inst. Health Bull.* 167: 203-207, 1936.
- \* Lillie, R. D.; and Francis, E.  
The pathology of tularemia in the white rat (*Rattus norvegicus albinus*). *Natl. Inst. Health Bull.* 167: 147-154, 1936.
- \* Lillie, R. D.; Francis, E.; and Parker, R. R.  
The pathology of tularemia in other birds. *Natl. Inst. Health Bull.* 167: 209-211, 1936.
- \* Lillie, R. D.; Francis, E.; and Parker, R. R.  
The pathology of tularemia in the sheep (*Ovis aries*). *Natl. Inst. Health Bull.* 167: 179-182, 1936.

## XVI. ANIMAL PATHOLOGY

- \* Lillie, R. D.; and Larson, C. L.  
Pathology of experimental tularemia in the golden hamster.  
Public Health Repts. 60: 1243-1253,  
1945.
- Mashkov, A. V.; and Maltseva, N. K.  
Influence of massive doses of  
gaikovcultures upon the course of  
acute tularemia in porpoises.  
*Zhur. Mikrobiol. Epidemiol. Immunobiol.* #6: 40-44, 1953.
- Finchot, G. B.; Close, V. P.;  
and Long, C. N. H.  
Adrenal changes produced in  
rats by infection with Bacterium  
tularensis and Bacillus coli.  
*Endocrinology*. 43: 135-142, 1949.

## XVII. INSECT VECTORS

- \* Allred, D. M.; Stagg, G. N.; and  
Lavender, J. F.  
Experimental transmission of  
Pasteurella tularensis by the  
tick, Dermacentor parum pertus.  
*J. Infectious Diseases*. 99:  
143-145, 1956.
- \* Apekhtin, V. N.  
Some questions on the epidemiology  
and parasitology of vector  
outbreaks of tularemia. Translation - Big Ben. TR-15-05.
- Baltimore Health News.  
Tularemia transmitted by tick  
bite in Maryland. Baltimore  
Health News. 12: 152, 1935.  
*Bull. Hyg.* 10: 719, 1935.
- \* Bell, J. Frederick.  
The infection of ticks (Dermacentor variabilis) with Pasteurella tularensis. *J. Infectious Diseases*. 76(2): 83-95, 1945.
- Bogenko, V.  
The role of bedbugs (*Cimex lectularius*) in the transmission and  
preservation of tularemia virus.  
*Vestnik Mikrobiol. Epidemiol. Parasitol.* 14: 436-440, 1935.
- Bogenko, V. P.  
Role of mosquitoes (*culix apicatus*) as carriers and transmitters of tularemia. *Vestnik Mikrobiol. Epidemiol. Parazitol.* 15: 445-449, 1936.
- \* Bow, Malcolm R.; and Brown, John H.  
Tick-borne diseases of man in  
Alberta. *Can. Med. Assoc. J.* 53:  
459-465, 1945.
- \* Brennan, J. M.  
"Ticks and tularemia". Personal  
communication, dated July 9, 1947.  
2p.
- \* Brumpt, E.  
Tularemia and its host and  
vectors. *Med. Parazitol.* 4(1-2):  
23-28, 1935.
- \* Burgdorfer, Willy.  
Experimental studies on argasid  
ticks as possible vectors of tularemia. *J. Parasitol.* 41(Sect. 2):  
33-34, 1955.

## XVII. INSECT VECTORS

- \* Burgdorfer, Willy; and Owen, Cora Rust.  
Experimental studies on Argasid ticks as possible vectors of tularemia. *J. Infectious Diseases.* 98(1): 67-74, 1956.  
*Biol. Abstr.* #23547 (1956).
- \* Burgdorfer, W.; and Pickens, E. G.  
A technique employing embryonated chicken eggs for the infection of Argasid ticks with *Coxiella burnetti*, *Bacterium tularensis*,...and western encephalitis virus. *J. Infectious Diseases* 94(1): 84-89, 1954.  
*Bull. Hyg.* 29(8): 851, 1954.
- \* Byfield, G. V.; Breslow, L.; Gross, R. R.; and Hersey, N. J.  
Tick borne tularemia. *J. Amer. Med. Assoc.* 127: 191-196, 1945.
- \* Calhoun, E. L.  
Natural occurrence of tularemia in lone star tick, and in dogs in Arkansas. *Amer. J. Trop. Med. Hyg.* 3: 360-366, 1954.  
*Vet. Bull.* 24: 488, 1954.
- \* Calhoun, E. L.; and Alford, H. I., Jr.  
Incidence of tularemia and Rocky Mountain spotted fever among common ticks of Arkansas. *Amer. J. Trop. Med. Hyg.* 4(2): 310-317, 1955.  
*Bull. Hyg.* 30(8): 680, 1955.  
*Excerpta Med.* (XVII) #1078 (1956).
- \* Calhoun, Ernest L.; Mohr, Carl O.; and Alford, Hugh I., Jr.  
Dogs and other mammals as hosts of tularemia and of vector ticks in Arkansas. *Amer. J. Hyg.* 63(2): 127-135, 1956.
- \* Calhoun, Ernest L.; Mohr, C. O.; and Alford, H. I.  
The place of dogs, and ticks in the epizootiology of tularemia in Arkansas. *J. Parasitol.* 40(5): 28, 1954.
- \* Davis, Gordon E.  
*Bacterium tularensis*; its persistence in the tissues of the Argasid ticks *Ornithodoros turicata* and *Ornithodoros parkeri*. *Public Health Repts.* 55(61): 676-688, 1940.
- \* Davis, Gordon E.  
Further attempts to transmit *Pasteurella tularensis* by the bedbug (*Cimex lectularius*). *J. Parasitol.* 29(6): 395-396, 1943.
- \* Davis, G. E.; and Kohls, G. M.  
*Ixodes ricinus californicus* (Banks), a possible vector of *Bacterium tularensis*. *Public Health Repts.* 52: 281-282, 1937.
- \* Davis, G. E.; Philip, C. B.; and Parker, R. R.  
The isolation from the Rocky Mountain wood tick of strains of *Bacterium tularensis* of low virulence for guinea pigs and domestic rabbits. *Amer. J. Hyg.* 19: 449-456, 1934.
- Ewing, H. E.  
Suckling lice of jack rabbits. *Amer. J. Trop. Med.* 4: 547-551, 1924.
- Fedorow, W.; and Siwolobow, W.  
Part played by gnats in the epidemiology of tularemia. *Vestnik Microbiol. Epidemiol. Parasit.* 14: 65-68, 1935.  
*Bull. Hyg.* 10: 719, 1935.

## XVII. INSECT VECTORS

- \* Francis, Edward.  
"Deer flies and tularemia".  
Personal communication, dated  
May 2, 1946.
- Francis, Edward.  
Deerfly fever or Pahvant Valley  
plague. Public Health Repts. 34:  
2061-2062, 1919.
- \* Francis, Edward.  
Microscopic changes of tularemia  
in the tick and the bedbug. Public  
Health Repts. 42: 2763-2772, 1927.
- \* Francis, Edward.  
Seasonal incidence of tularemia  
and sources of infection. Public  
Health Repts. 42: 2948, 1927.
- \* Francis, Edward.  
Tularemia. IV. Transmission of  
tularemia by the bedbug, *Cimex  
lectularius*. V. Transmission of  
tularemia by the mouse, *Polyplax  
serratus*. Public Health Repts.  
37: 83-102, 1922.
- \* Francis, Edward; and Lake, G. C.  
Experimental transmission of  
tularemia in rabbits by the  
rabbit louse *Haemodipsus ventri-*  
*cosus* (Denny). Public Health  
Repts. 36: 1747-1751, 1921.
- \* Francis, Edward; and Lake, G. C.  
Transmission of tularemia by  
the mouse louse *Polyplax serratus*.  
Public Health Repts. 37: 96-101,  
1922.
- \* Francis, Edward; and Mayne, B.  
Experimental transmission of  
tularemia by flies of the species  
(*Chrysops discalis*). Public  
Health Repts. 36: 1738-1746, 1921.
- \* Girard, G.  
*Haemodipsus lyriccephalus*  
Burmeister, *Ixodes ricinus* Linne,  
ectoparasites of hares, possible  
vectors of tularemia in France.  
Compt. rend. soc. biol. 144(5-6):  
364-365, 1950.
- \* Girard, G.  
Tularemie provoquée par piqûre  
de tique, *Dermacentor marginata*.  
Bull. soc. med. hop., Paris.  
65(3-4): 171-173, 1949.
- \* Glass, G. B. J.  
An epidemic of tularemia trans-  
mitted by insects in settlements  
of deportation, Asino, and Jaja,  
Siberia, Soviet Russia; report  
of 121 cases. Amer. J. Med. Sci.  
216(4): 411-424, 1948.
- \* Glass, G. B. J.  
Tularemic meningism and serous  
meningitis; 28 cases observed  
during epidemic transmitted by  
insects in settlements of deport-  
ation, Asino and Jaja, Siberia,  
USSR. Med. Clin. N. Amer. 32:  
769-778, 1948.
- \* Golem, S. B.  
*Ornithodoros laborensis*, un  
vecteur possible de la tularemie.  
Bull. soc. path. exotique. 32:  
872-874, 1939.
- \* Graham, W. R.  
Tularemia from wood tick bite.  
Med. papers dedicated to Dr.  
H. A. Christian, p. 758-759, 1936.
- \* Green, R. B.  
Occurrence of *Bacterium tula-*  
*rense* in the eastern wood tick,  
*Dermacentor variabilis*. Amer. J.  
Hyg. 14: 600-613, 1931.

## XVII. INSECT VECTORS

- \* Green, R. G.; Evans, C. A.; and Larson, C. L.  
A ten year population study of the rabbit tick *Haemaphysalis Leporis-Palustris*. Amer. J. Hyg. 38(3): 260-281, 1943.
- \* Greer, W. E. R.  
Pulmonary tularemia in Massachusetts; case due to tick bites. New England J. Med. 238: 355-356, 1948.
- \* Hillman, C. C.; and Morgan, M. T.  
Tularemia; report of a fulminant epidemic transmitted by the deer fly. J. Amer. Med. Assoc. 108: 538-540, 1937.
- \* Hopla, Cluff E.  
Multiplication of tularemia organisms in the lone star tick. Amer. J. Hyg. 61(3): 371-380, 1955.
- \* Hopla, C. M.  
Experimental studies on tick transmission of tularemic organisms. Amer. J. Hyg. 58: 101-108, 1953. Brit. Abstr. #335 (1955).
- \* Hopla, C. E.  
Experimental transmission of tularemia by the tropical rat mite. Amer. J. Trop. Med. 31: 768-783, 1951. Biol. Abstr. #13533 (1952).  
  
Insect vectors of tularemia.  
Ind. Med. Diagnosis. 33: 125, 1938.
- \* Jellison, W. L.  
Tularemia; geographical distribution of deerfly fever and the biting fly, *Chrysops discalis* Williston. Public Health Repts. 65(41): 1321-1329, 1950.
- Karpov, S. P.; and Popov, V. M.  
Ixodidae ticks of Western Siberia as reservoirs of tularemia. Med. Parazitol. Parazitar. Bolezni. #2: 75-79, 1944.
- \* Amer. Rev. Soviet Med. 3: 140-142, 1945.
- Kozlowski, S.  
Parasitic Gamasidae in mammals and birds discovered in the Szczecin region. Przeglad. epidemiol. 9(2): 121-126, 1955.
- \* Levin, S. L.  
Transmission of tularemia due to tick bite. Southern Med. J. 34: 1169-1172, 1941.
- \* Lindahl, W. W.; Ritota, M. C.; and Metzger, R. B.  
Tularemia; a report of 6 cases of tick borne origin. Texas J. Med. 41: 404-406, 1945-46.
- M. E.  
Die tularemie oder Hasenpest. Osteerr. Weidwerk. #4: 34, 1950. Biol. Abstr. #24579 (1950).
- Makarov, N. I.; Makarova, E. P.; and Bogaeva, V. T.  
Seasonal and age susceptibility of the lesser suslik (*Citellus pygmaeus* Poll.) to tularemia infection. Zool. Zhur. 34(3): 652-657, 1955.
- \* Matheson, Robert.  
Ticks and disease with special reference to spotted fever and tularemia in the eastern states. Cornell Vet. 30(2): 167-177, 1940.

## XVII. INSECT VECTORS

\* Maximov, A. A.

Basic types of tularemia vectors, their characteristics and geographical distributions in the R.S.F.S.R. Proc. Acad. Sci., USSR. 57: 501-503, 1947.

Nel'zina, E. N.; and Barkov, I. P.

Certain species of Gamasidae as carriers of Bacillus tularensis in natural conditions. Doklady Akad. Nauk. SSSR. 78: 829-831, 1951.

Olsufiev, N. G.

New experimental data on the transmission of tularemia by Tabanid flies. Med. Parasitol. Parasitic Diseases (USSR). 9(3): 260-270, 1940.

Bull. Hyg. 18: 301, 1943.

Olsufiev, N. G.

The role of ectoparasites in the dissemination of tularemia in the Middle zone of USSR. (Contribution to an epidemiological analysis). Arch. Sci. Biol. 60(2): 42-55, 1940.

Bull. Hyg. 18: 301, 1943.

Olsufiev, N. G.

The role of mosquitoes in the transmission and retention of tularemia. Gorky All-Union Inst. Exptl. Med., 1939.

\* Olsufiev, N. G.

Role of *Stomoxys calcitrans* L. in the transmission and preservation of tularemia. Arch. Biol. Nauk. 58: 25-31, 1940.

Gorky All-Union Inst. Exptl. Med., Div. Med. Parasitol., 1939.

Olsufiev, N. G.

The specific composition and seasonal dynamics of the blood-sucking Diptera numbers in the Delta of the Volga and their possible role in the epidemiology of tularemia. Dept. Parasitol. Viem & State Inst. Microbiol. S. E. of the RAESR, 1939.

Olsufiev, N. G.; and Dunaeva, T.

Susceptibility and sensitivity of certain species of Insectivora to tularemia. Zool. zhur. 29(1): 82-82, 1950.

Olsufiev, N. G.; Dunaeva, T. N.; Emel'ianova, O. S.; and Petrov, V. G.

Study of the properties of *Bacterium tularensis* and its biological correlation to host animals and tick transmitters. Vestnik Akad. Med. Nauk SSSR. #2: 20-29, 1950.

\* Olsufiev, N. G.; and Golov, D. A.

Horse flies as transmitters and conservators of tularemia. Reprint - translation, 1936.

\* Parker, D. D.

Attempted transmission of Pasteurella tularensis by three species of fleas. J. Econ. Entomol. 50(6): 724-726, 1957.

\* Parker, D. D.; and Johnson, D. E.

Experimental transmission of Pasteurella tularensis by the flea, Orchopeas leucopus Baker. J. Infectious Diseases. 101(1): 69-72, 1957.

## XVII. INSECT VECTORS

- \* Parker, R. R.  
Recent studies of tick-borne disease made at the U. S. Public Health Service Laboratory at Hamilton, Montana. 5th Pacific Sci. Congr., p.3367-3374, 1932.
- \* Parker, R. R.  
Tick-caused tularemia of man. U. S. Public Health Serv. Rocky Mt. Lab. Sta. Circ. #3, 1935.
- \* Parker, R. R.; Brooke, C. S.; and March, H.  
The occurrence of *Bacterium tularensis* in the wood tick in California. Public Health Repts. 44(22): 1295-1300, 1929.
- Parker, R. R.; and Butler, W. J.  
Results of preliminary investigations in Montana of pathological conditions in sheep due to wood tick *Dermacentor andersoni* Stiles. 7th Bienn. Rept. Montana State Board of Entomol., p.77-85, 1927-28.
- \* Parker, R. R.; and Dade, J.  
Tularemia; its transmission to sheep by the wood tick *Dermacentor andersoni* Stiles. J. Amer. Vet. Med. Assoc. 75(2): 173-191, 1929.
- \* Parker, R. R.; and Davis, G. E.  
Tularemia; observations on a strain of low initial virulence from rabbit ticks. Public Health Repts. 50: 909-911, 1935.
- \* Parker, R. R.; Philip, C. B.; Gordon, E. Davis; and Cooley, R. A.  
Ticks of the United States in relation to disease in man. J. Econ. Entomol. 30(1): 51-69, 1937.
- \* Parker, R. R.; and Spencer, R. R.  
Hereditary transmission of tularemia infection by the *Dermacentor andersoni* Stiles. Public Health Repts. 4(1092): 1403-1407, 1926.
- \* Parker, R. R.; Spencer, R. R.; and Francis, E.  
Tularemia infections in ticks of the species *Dermacentor andersoni* Stiles, in the Bitterroot Valley, Montana. Public Health Repts. 39: 1052-1073, 1924.
- \* Pasternack, J. G.  
Tularemic inguinal buboes following tick bites. J. Amer. Med. Assoc. 112: 1814, 1939.
- \* Philip, C. B.  
Epizootic tick-borne tularemia in sheep in Montana. Bull. Hyg. 10(3): 172, 1935.
- \* Philip, C. B.; Davis, G.; and Parker, R. R.  
Experimental transmission of tularemia by mosquitoes. Public Health Repts. 47: 2077-2088, Oct. 1932.
- \* Philip, C. B.; and Jellison, W. L.  
The American dog tick, *Dermacentor variabilis* as a host of *Bacterium tularensis*. Public Health Repts. 29: 386-392, 1934.
- \* Philip, C. B.; Jellison, W. L.; and Wilkins, H.  
Epizootic tick-borne tularemia in sheep in Montana. J. Amer. Vet. Med. Assoc. 86: 726-744, 1935.

## XVII. INSECT VECTORS

- Pohlig, W.  
Shipment of wild life as cause  
for human tularemia diseases.  
Oeff. Gesundhdienst. 17(8):  
295-297, 1955.
- \* Price, Roger D.  
Multiplication of *P. tularensis*  
in human body lice. Amer. J. Hyg.  
63(2): 186-197, 1956.
- \* Price, Roger D.  
Survival of *Bacterium tularensis*  
in lice and louse feces. Amer. J.  
Trop. Med. 3(1): 179-186, 1954.
- \* Prince, F. M.; and McMalon, M. C.  
Tularemia: attempted trans-  
mission by each of two species of  
fleas; *Xenosylla cheapid* (Roths)  
and *Diamanus montanus* (Baker).  
Public Health Repts. 61: 79-85,  
1946.
- \* Philip, C. B.; and Parker, R. R.  
Occurrence of tularemia in the  
rabbit tick (*Haemaphysalis Leporis-*  
*Palustris*) in Alaska. Public  
Health Repts. 53: 574, 1938.
- Rapp, W. F.  
Ticks and tularemia in Nebraska.  
Nebraska State Med. J. 42(8):  
402-403, 1957.
- Shates, I. A. F.; and Bystrova,  
N. A.  
Role of *Ixodes* in maintaining  
natural foci of tularemia. zhur.  
Mikrobiol. Epidemiol. Immunobiol.  
#6: 55-61, 1954.
- Simmons, S. W.; and Hayes, W. J.  
Fleas and disease. (Trans-  
mission of plague, tularemia and  
parasitic worms). U. S. Dept.  
State Intern. Organ. Conf. Ser. I.  
Gen. 5: 1678; 1689, 1948.
- Skierska, B.  
Mosquitoes in the northern part  
of Szczecin region and their role  
in epidemiology of tularemia.  
Bull. Inst. Marine & Trop. Med.  
Acad. Gdansk. Poland. 6: 267-275,  
1956.
- Skrodzki, E.  
Epidemics and epizootics of  
tularemia and their causes.  
Przeglad epidemiol. 8(3):  
193-202, 1954.
- Skrodzki, E.; Tomaszunas, S.;  
Wojcik, K.; and Hryniwicz, H.  
Epidemics and epizootic out-  
breaks of tularemia and their  
causes. Bull. Inst. Marine &  
Trop. Med. Med. Acad. Gdansk.  
Poland. 6: 23-35, 1955.
- Sorina, A. M.  
Case of infection of the *Derma-*  
*centor pictus* with tularemia.  
zhur. Mikrobiol. Epidemiol.  
Immunobiol. #4: 71-72, 1955.
- Stout, H. I.; and Strother, C. D.  
Tularemia infection from tick  
bite. Texas State J. Med. 24:  
580, 1928.
- Strong, R. A.  
Insect vectors of tularemia.  
Intern. Med. Dig. 33: 125,  
August 1938.
- \* Sugden, J. W.  
Tularemia, deer fly fever.  
Northwest Med. 34: 167, 1935.
- \* Suzuki, T.  
zoological study of Yato-Byo  
transmitting ticks. Sendai,  
Japan. Saito Gratitude Foundation,  
Ann. Rept. Work. #8:  
133-144, 1932.

## XVII. INSECT VECTORS

- \* Suzuki, T.  
Transmission of disease by ticks in the epidemic region of Yato-Byo (Ohara's disease). (Second Report). Sendai, Japan. Saito Gratitude Foundation Ann. Rept. Work. #8: 101-132, December 1932.
- Thjotta, T.  
Tularemia; case apparently due to mosquito bite. Norsk. Mag. Laegevidenskap. 9: 285-286, 1941. Bull. Hyg. 16: 337, 1941.
- \* Tick borne tularemia. Bull. U. S. Army Med. Dept. 77: 3-4, 1944.
- \* Tularemia, a human health hazard. Vet. Med. 51(9): 434, 1956.
- \* Tularemia infection found in fleas from prairie dogs in Wyoming. Public Health Repts. 56(2): 1521-1522, 1941.
- Volfertz, A. A.; and Kolpakova, S. A.  
Epizootiology of tularemia; role of fleas *Ctenophthalmus orientalis* in enzootiology of tularemia. Med. Parasitol. Parasitic Diseases (USSR). 15(1): 83-87, 1946. Bull. Hyg. 22: 34, 1947.
- \* Warring, Willard B.; and Huffin, Sterling.  
A tick-borne epidemic of tularemia. New England J. Med. 234: 137-140, 1946.
- \* Weinzirl, Adolph; and Halliday, C. H.  
Insect-borne tularemia in Maryland. Trans. Southern Br. Amer. Public Health Assoc., p.29-32, 1935.
- Wilson, R.  
Tularemia acquired from the bite of a wood tick. J. S. Carolina Med. Assoc. 45: 107-108, 1949.
- Yamaguchi, M.  
Relation between mites, transmitting agent and causative agent. Trans. Japan. Pathol. Soc. 22: 754-760, 1932.

## XVIII. WATER-BORNE

- \* Falk, Abraham.  
Water-borne tularemia. Minnesota Med. J. 30(8): 848-850, 1947.
- \* Golem, S. B.  
Water-borne epidemic. (Communication) Inst. Central Hygiene, Ankara (Turkey), June 5, 1946.
- \* Jellison, W. L.; Epler, D. C.; Kuhns, Edith; and Kohls, G. M.  
Tularemia in man from a domestic rural water supply. Public Health Repts. 65(38): 1219-1226, 1950.

## XVIII. WATER-BORNE

- \* Karpoff, S. P.; and Antonoff, N. I.  
Spread of tularemia thru water  
as new factor in its epidemiology.  
(Tomsk, Siberia). J. Bact. 32:  
243-258, 1936.
- \* Lindsay, W. R. N.; and Scott,  
John W.  
Oculoglandular tularemia trans-  
mitted from contaminated sewer  
water. Can. J. Public Health.  
42(4): 146-151, 1951.
- Olsufiev, N. G.; Kucheruk, V. V.;  
Makarov, N. I.; Borodin, V. P.;  
Petrov, V. G.; and Selianin, E. P.  
Structure of a natural focus of  
tularemia in a river valley. Zhur.  
Mikrobiol. Epidemiol. Immunobiol.  
#4: 27-31, 1955.
- \* Quan, S. F.; McManus, A. G.; and  
von Fintel, H.  
Infectivity of tularemia applied  
to intact skin and ingested in  
drinking water. Science. 123:  
942-943, 1956.
- Sinai, G.; and Rappoport, I.  
Reservoirs of tularemia.  
Med. Parasitol. Parasitic  
Diseases (USSR). 4(3): 213-217,  
1935.  
Bull. Hyg. 11: 122, 1936.
- Steinhaus, E. A.  
The contamination of natural  
waters by *Bacterium tularensis*.  
Manuscript, July 6, 1942. 11p.
- \* Tularemia-like germ found in  
water. Sci. News Letter.  
67(24): 372, 1955.
- \* U. S. Public Health Series.  
Tularemia infection (*Bacterium*  
*tularensis*) found in streams.  
Public Health Repts. 55(6): 227,  
1940.

## XIX. TISSUE CULTURE

- \* Avi-Dor, Y.; and Yaniv, H.  
Relation between changes in the  
stability of *Pasteurella tularensis*  
suspension and its bacterial  
population. J. Bact. 66: 1-5; 6-9,  
1953.  
Vet. Bull. 24(4): 170, 1954.
- Bezjak, V.  
Direct cultivation of *P. tularensis*  
from patients with tularemia.  
Acta Med. Jugoslav. 8(3): 269-274,  
1954.  
Excerpta Med. (IV) #858 (1956).
- \* Burgdorfer, W.; and Pickens,  
E. G.  
Technique employing embryo-  
nated chicken eggs for the in-  
fection of argasid ticks with  
*Coxiella burnetii*, *Bacterium*  
*tularensis*, *Leptospira ictero-*  
*haemorrhagiae*, and western equine  
encephalitis virus. J. Infectious  
Diseases. 94(1): 84-89, 1954.  
Excerpta Med. (IV) #1019 (1955).

## XIX. TISSUE CULTURE

- \* Chapman, S. S.; Downs, Cora M.; Coriell, Lewis L.; and Kowal, S. F. Streptomycin studies in tularemia. I. Effect of streptomycin and streptomycin on Bacterium tularensis in vitro and in vivo (mouse). J. Infectious Diseases. 85(1): 25-38, 1949.
- \* Foote, H. B.; Jellison, W. L.; Steinhaus, E. A.; and Kohls, Glen M. Effect of chlorination on Pasteurella tularensis in aqueous suspension. J. Amer. Water Works Assoc. 35(7): 902-910, 1943.
- \* Foshay, Lee. A new method for staining Bacterium tularensis in tissue sections. J. Lab. Clin. Med. 17: 193-195, Nov. 1931.
- \* Foulger, M.; Glazer, A.; and Foshay, L. Tularemia; report of a case with postmortem observations and a note on the staining of Bacterium tularensis in tissue section. J. Amer. Med. Assoc. 98: 951-954, 1932.
- \* Gaspar, Andrew J.; and Leise, Joshua M. Inhibitory effect of grid imprints on growth of Pasteurella tularensis on membrane filters. J. Bact. 71(6): 728-731, 1956.
- \* Girard, G. Comportement in vivo et in vitro de Pasteurella tularensis isolée au cours de l'évolution de la tularemie chez des hôtes diversement réceptifs. Ann. inst. Pasteur. 89(2): 137-151, 1955.
- Jawetz, Ernest; Melnick, Joseph L.; and Adelberg, Edward A. Review of medical microbiology. 2d ed. Lange Medical Publications, Los Altos, California, 1956. p.183-185.
- \* Sakurai, Nobuo. Effect of supernatant liquid from growing cultures on the growth of Pasteurella tularensis. Naturwiss. 41: 578, 1954.
- \* Sakurai, Nobuo. On the mode of multiplication of Bacterium tularensis. Naturwiss. 41: 217-218, 1954. Excerpta Med. (IV) #851 (1955).
- \* Yaniv, H.; and Avi-Dor, Y. In vitro inhibition of Bacterium tularensis by methylene blue. Nature. 169: 201, 1952.

## XX. STORAGE

- \* Faibich, M. M.; and Ramarina, T. S. Dry living tularemia vaccine of NIIEG of Red Army. Zhur. Mikrobiol. Epidemiol. Immunobiol. #7: 59-63, 1946. Rept. I. Rept. II, Ibid: 10: 23-27, 1946.
- \* Kazberiuk, N. A.; Litvinova, Z. I.; Sadovnukova, R. N.; and Pevzner, G. L. Experience in using dry living tularemia vaccine and tularin for allergy skin tests. Zhur. Mikrobiol. Epidemiol. Immunobiol. 27(6): 58-61, 1956.

## XX. STORAGE

- \* Miller, R. P.  
Viability of dried Bacterium tularensis. Public Health Repts. 61: 1084-1085, 1946.

## XXI. EPIDEMIOLOGY

### GENERAL EPIDEMIOLOGY

- \* Aoki, K.; Kondo, S.; and Tazawa, Y.  
Ueber eine neue Krankheit welche vom Hasen auf Menschen übertragbar ist. Zentr. Bakteriol. Parasitenk. Abt. I. Orig. 105: 252-255, 1928.
- \* Ayres, J. C.; and Feemster, R. F.  
Epidemiology of tularemia in Massachusetts with a review of the literature. New England J. Med. 238(6): 187-194, 1948.
- Berezin, I. F.  
Some peculiarities or characteristics of the epidemiology and of the clinical aspects of tularemia. Kazan Med. J. 30: 46-56, 1934.
- Berezin, I. F.  
Tularemia among the workers of the canning factory of the city of Kurgan, Kazan. Kazan Med. J. 27: 942-947, 1931.
- Bogendorfer, L.  
Tularemia: diagnosis, agglutination, skin reactions, epidemiology and serology. 1st Conf. Med. Consultants Wehrmacht. Proj. 1 (Pt. 10) 147-149, 1948.
- \* Brumpt, E.  
Distribution géographique actuelle de la tularemie, "Rabbit fever", ou "Deer fly fever" et son extension éventuelle. Compt. rend. soc. biol. biogr. 92: 42-47, 1934.
- \* Family outbreak of tularemia. Maryland State Dept. Health Monthly Bull. 9: 35, 1937.
- Frashchenko, A. V.; and Protopapova, A. M.  
On a transmissible outbreak of tularemia. zhur. Mikrobiol. Epidemiol. Immunobiol. #11: 46-49, 1946.
- Gaugusch, Z.  
Tularemia and food hygiene. Med. vet. Varsovie. 9: 250-252, 1953.
- Gerlach, F.  
Experimental infections remaining latent; epidemiologically important findings. Wien. klin. Wochshcr. 58: 757-758, 1946.
- \* Godbille, M.  
Paths of infection and elimination of bacillus of tularemia. Compt. rend. soc. biol. 145: 459-462, 1951.
- \* Gotschlick, E.; and Berkin, Tahsin.  
Study of 1936 outbreak of tularemia with epidemiological and laboratory experiments. Turk. Zeit. Hyg. Exptl. Biol. 9(1): 115-122, 1938.

## XXI. EPIDEMIOLOGY

### GENERAL EPIDEMIOLOGY

- \* Green, R. G.  
Tularemia in wild life and its transmission to man. *J. Lancet*, June 1, 1930. 8p.
- \* Hillman, C. G.; and Morgan, M. T.  
Tularemia; report of a fulminant epidemic transmitted by the deer fly. *J. Amer. Med. Assoc.* 108: 538-540, 1937.
- \* Jellison, W. L.; Epler, D. C.; Kuhns, Edith; and Kohls, G. M.  
Tularemia in man from a domestic rural water supply. *Public Health Repts.* 65(38): 1219-1226, 1950.
- \* Jellison, W. L.; and Parker, R. R.  
Rodents, rabbits and tularemia in North America; some zoological and epidemiological considerations. *Amer. J. Trop. Med.* 25(4): 349-362, 1945.
- Knothe, H.  
*Über die Epidemiologie der Tularemie.* Leipzig, Barth, 1955.
- Kuziakin, A. P.  
Geography of the race of tularemia and mass prophylaxis of this disease. *Zool. zhur.* 26: 159-162, 1947.
- \* Landsied, Anton.  
Ein Beitrag zur Epidemiologie und symptomatologie der Tularemie. *Deut. Militärarzt.* 7: 644-647, 1942.
- Miller, A. A.  
Epidemiologic aspects of tularemia. *Sovet. Vrach. Gaz.*, p.187-198, February 15, 1935.
- Olsufiev, N. G.; and Dunaeva, T.  
Sensitivity to tularemia of the weasel, skunk and fox and their possible epidemiologic significance. *Zool. zhur.* 30: 78-83, 1951.  
*Biol. Abstr.* #37320 (1951).
- Olsufiev, N. G.; Dunaeva, T. N.; Emel'ianova, O. S.; and Petrov, V. G.  
Study of the properties of Bacterium tularensis and its biological correlation to host animals and tick transmitters. *Vestnik Akad. Med. Nauk SSSR.* #2: 20-29, 1950.
- \* Oosting, M.  
Oculoglandular tularemia contracted from the tree squirrel. *Ohio State Med. J.* 35: 730, 1939.
- \* Roubakine, A.  
General epidemiologic review of tularemia. *Epidemiol. Rept. League Nations.* 9: 3-19, 1930.
- \* Rudniev, G. P.  
Clinical aspects of tularemia. *Klin. Med. (USSR)*. 22(1-2): 3-14, 1944.  
*Bull. Hyg.* 20: 17, 1945.
- Schnad.  
Beitrag zur Epidemiologie, Bakteriologie und Serologie der Tularemie. (The Epidemiology, Bacteriology and Serology of Tularemia). *Deut. Militärarzt.* 8: 620-621, 1943.  
*Bull. Hyg.* 20(2): 81-82, 1945.

## XXI. EPIDEMIOLOGY

### GENERAL EPIDEMIOLOGY

- Schmidt, H. W.  
Clinical importance of the geographic distribution of tularemia. *Zet. Tropenmed. u Parasitol.* 3: 408-412, 1952.
- \* Schuller, A.; and Erdmann, B.  
Observations on an epidemic of tularaemia. *Zeit. Hyg. Infektionskrankh.* 124(6): 624-635, 1943.  
*Bull. Hyg.* 19: 439, 1944.
- \* Shaffer, Joseph H.  
Recent studies on the epidemiology of tularemia. *Michigan Acad. Sci. Arts & Letters Papers.* 28: 671-676, 1942.
- \* Steele, James H.  
Public Health. Tularemia. *Vet. Med.* 50(12): 719, 1955.
- Trautman, F. O. P.; and Schneemann, E. M.  
New autochthonous cases of tularemia. *Zeit. ges. inn. Med.* 4(11-12): 375-378, 1949.
- Tularemia increases. Wisconsin State Bd. Health Quart. Bull. 5(14): 15-16, 1933.
- The 1930 tularemia picture. Wisconsin State Bd. Health Quart. Bull. 5(5): 10, 1930.
- Verge, J.  
Les maladies communes à l'homme et aux animaux. *Rev. med. vet.*, p.1-43, 1947.
- \* Warring, Willard B.; and Ruffin, Sterling.  
A tick-borne epidemic of tularemia. *New England J. Med.* 234: 137-140, 1946.

### LABORATORY INFECTIONS

- \* Ashburn, L. L.; and Miller, S. E.  
Tularemia; a report of a laboratory infection fatal on the fifth day, with early pulmonary involvement; autopsy. *Arch. Pathol.* 39: 388-392, 1945.
- Bilek, F.  
Author's case of laboratory infection with tularemia. *Voj. zdravot. Listy.* 14: 260-265, 1938.
- \* Carr, E. A., Jr.; and Kadull, P. J.  
Persistence of Bacterium tularensis in man in the absence of serious clinical illness. *Arch. Pathol.* 64(4): 382-384, 1957.
- Cauchu, L.  
Personal case of tularemia contamination in the laboratory. *Concours. Med.* 72: 3921-3933, 1950.
- \* Dieter, Louis V.  
A case of tularemia in a laboratory worker. *Public Health Repts.* 41: 1355-1357, 1926.

XXI. EPIDEMIOLOGY  
LABORATORY INFECTIONS

- \* Downs, Cora M.; Coriell, Lewis L.; Pinchot, Gifford B.; Maumenee, Edward; Klauber, Alice; Chapman, S. S.; and Owen, Barbara.  
Studies on tularemia. I. The comparative susceptibility of various laboratory animals.  
*J. Immunol.* 56: 217-228, 1947.  
*Biol. Abstr.* #4084 (1948).
- \* Golem, S. B.  
İkisi inapparent olmak üzere dört laboratuvar tularemii infeksiyonu. *Poliklinik.* 101: 3-7, 1941.
- Golem, S. B.  
Two inapparent out of four laboratory tularemia infections.  
*Poliklinik.* 9: 144-148, 1941.
- Jellison, W. L.; and Kohls, G. M.  
Tularemia in sheep and in sheep industry workers in western United States. *Public Health Serv. Publ.* #421, *Public Health Monog.* #28, 1955.  
*Bull. Hyg.* 31(5): 517, 1956.
- Kosmachevsky, V. V.  
Results of the first clinical testing of Gaisky's tularemic living vaccine. *Klin. Med. (USSR)*. 22(9): 60-68, 1944.  
*Bull. Hyg.* 26: 468, 1945.
- \* Lake, G. C.; and Francis, Edward.  
Tularemia; Francis, 1921.  
VII. Six cases of tularemia occurring in laboratory workers. *Public Health Repts.* 37: 392-413, 1922.
- \* Ledingham, J. C. G.; and Fraser, F. R.  
Tularemia in man from laboratory infection. *Quart. J. Med.* 17: 365-382, 1923-24.
- \* O'Malley, J. J.  
Tularemia Francis 1921 developing in a laboratory worker; report of a case. *J. Amer. Med. Assoc.* 78: 1018-1020, 1922.
- \* Quam, S. F.  
Quantitative oral infectivity of tularemia for laboratory animals. *Amer. J. Hyg.* 59(3): 282-291, 1954.
- \* Shaughnessy, Howard J.; and Grubb, Thomas C.; and Fauth, Albert C.  
Active and passive immunization against tularemia. *Illinois Dept. Public Health Lab.* 1p.
- \* Tokgoz, S. K.; and Golem, S. B.  
Laboratory experiments with tularemia. *Turk. Zeit. Hyg. exptl. Biol.* 1(1): 137-154, 1938.

## XXI. EPIDEMIOLOGY

### EPIDEMIC COUNTRIES

#### AFRICA

- Anderson, G.  
Bacillus with characteristics of  
Bacterium tularensis found in Tunis.  
Arch. Inst. Pasteur Tunis. 23:  
53-59, 1934.
- \* Anderson, G.  
Concerning a microorganism  
found in Tunisia...presenting the  
characteristics of B. tularensis.  
Office Intern. Hyg. Publ. 30(1):  
2224-2225, 1938.
- Faure, R. M.  
Clinical study on the possibility  
of the existence of sandfly fever  
in North Africa. Bull. soc. pathol.  
exotique. 44(1/2): 77-83, 1951.  
Biol. Abstr. #6527 (1952).
- Peltier, M.; Arquie, E.; Jenchere,  
H.; and Durieux, G.  
Question whether tularemia  
exists in West Africa. Bull.  
acad. med. (Paris). 121: 562-570,  
1939.

#### ALASKA

- \* Philip, G. B.  
Tularemia in Alaska. Proc. 6th  
Pacific Sci. Congr. 5: 71-73, 1939.
- \* Philip, G. B.; and Parker, R. W.  
Occurrence of tularemia in the  
rabbit tick (*Haemaphysalis Leporis-*  
*Palustris*) in Alaska. Public  
Health Repts. 53: 574, 1938.
- \* Williams, R. B.  
A human case of tularemia in  
Alaska. Manuscript, 1945. 3p.
- \* Williams, R. B.  
Tularemia; first case to be  
reported in Alaska. Public  
Health Repts. 61: 875-876, 1946.

#### AUSTRIA

- \* Bogendorfer, L.; Saleck, W.; and  
Kairies, H.  
Ueber das auftreten von Tula-  
remieer-krankungen an der Ost-  
front. Deut. Militärarzt. 7:  
669-675, 1942.
- David, H.  
Ueber den Verlauf des Tula-  
remie in Österreich. Deut.  
tierarztl. Wochschr. 45: 477,  
1937.
- \* David, H.  
Untersuchungen über die Tula-  
remie in Österreich, 1935-45.  
Study of Tularemia in Austria,  
1935-45. Wien. tierarztl.  
Monatsschr. 34(10): 523-544,  
1947.  
Excerpta Med. (IV) #1036 (1949).

## XXI. EPIDEMIOLOGY

### EPIDEMIC COUNTRIES

#### AUSTRIA

- David, H.  
zum Auftreten der Tularemie in Oesterreich. (Epidemiologia und Diagnose). Wien. klin. Wochschr. 50: 459-462, 1937.  
Bull. Hyg. 12: 504, 1937.
- David, H.  
zum Auftreten der Tularemie in Oesterreich. Wien. tierarztl. Monatsschr. 24: 65, 1939.
- Kling, K.  
Die tularemie in Niederosterreich. Mitt. Volksgesundh. Amt. Wien. #4: 43-46, 1938.  
Bull. Hyg. 13: 729, 1938.
- Pillet, A.; and David, H.  
Appearance of human tularemia in Austria. Zeit. Augenheilk. 91: 1-19, 1937.
- \* Puntigam, F.  
On the epidemiology of tularemia according to observations in Lower-Austria. Klin. Wochschr. 59(8): 116-120, 1947.  
Excerpta Med. (IV) #2159 (1948).
- \* Puntigam, F.  
zur epidemiologie der Tularemie nach Beobachtungen in Nieder-osterreich. Wien. klinische Wochschr. 59(7): 103-106, 1947.
- \* Tularemia in Austria. Foreign letters. J. Amer. Med. Assoc. 108: 1813-1814, 1937.

#### BELGIUM

- Betz-Bureau, M.  
Appearance of tularemia in Belgium. Rev. med. Liege. 5(17): 500-507, 1950.
- Houssiau, A. J.  
Melididosis and tularemia. Bruxelles med. 12: 205, 1931.
- Kalaye, G.; and Godbille, M.  
A case of human tularemia; isolation of the first occurrence of Pasteurella tularensis in man in Belgium. Rev. med. Liege. 5: 827-828, 1950.
- Legros, R.; Detroux, P.; and Dandien, Y.  
Two cases of tularemia in Belgium. Rev. Med. Liege. 5(5): 126-127, 1950.
- \* Nelis, P.  
First case of tularemia in Belgium. Ann. inst. Pasteur. 79: 749-756, 1950.
- Nelis, P.; Detroux, P.; Lafontaine, A.; and Legros, G.  
First case of human tularemia in Belgium. Bull. acad. natl. med. 134(J1-12): 260-262, 1950.

## XXI. EPIDEMIOLOGY

### EPIDEMIC COUNTRIES

#### BELGIUM

Nelis, P.; and Lafontaine, A.  
First cases of tularemia in  
Belgium. *Acta clin. belg.* 5(3):  
250-255, 1950.

#### BRITISH COLUMBIA

\* Ootmar, G. A.  
B. C. Tularemia case report.  
*British Columbia Lab. Bull.* 5(1),  
January 1930.

\* Parker, R. R.; Hearle, Eric; and  
Bruce, E. A.  
The occurrence of tularemia in  
British Columbia. *Public Health*  
*Repts.* 46: 45-46, 1931.

#### CANADA

\* Bow, Malcom R.; and Brown, John H.  
Tick-borne diseases of man in  
Alberta. *Can. Med. Assoc. J.* 53:  
459-465, 1945.

\* Bow, M. R.; and Brown, J. H.  
Tularemia - a report of forty  
cases in Alberta, Canada, 1931-  
1944. *Amer. J. Public Health.*  
36: 494-500, 1946.

\* Bow, M. R.; and Brown, J. H.  
Tularemia in the "Seven Persons  
Coulee", Alberta. *Can. J. Public  
Health.* 34: 415-418, 1943.

\* Bow, M. R.; and Brown, J. H.  
Water borne tularemia in Western  
Canada. *Can. Med. Assoc. J.* 50:  
14-16, 1944.

\* Brown, J. H.  
Tularemia in Southern Alberta.  
*Can. J. Med. Technol.* 5(2):  
55-57, 1943.

\* Cramer, J. B.  
A case of tularemia. *Can.  
Public Health J.* 22(11): 568-569,  
1931.

\* Grant, H. G.; and McLean, A. L.  
Identification of tularemia in  
Nova Scotia. *Can. J. Public  
Health.* 26: 460-461, 1935.

\* Humphreys, F. A.; and Campbell,  
A. G.  
Plague, Rocky Mountain spotted  
fever and tularemia surveys in  
Canada. *Can. J. Public Health.*  
38(3): 124-130, 1947.

## XXI. EPIDEMIOLOGY

### EPIDEMIC COUNTRIES

#### CANADA

- Jenkins, R. B.  
Tularemia in Canada. Proc. 6th Pacific Sci. Congr. 5: 75-77, 1939.
- \* Johns, E. P.  
Tularemia in Ontario; a report of 5 cases. Can. Public Health J. 25: 128-132, 1933.
- \* Labzofsky, N. A.; and Sprent, J. A. F.  
Tularemia among beaver and muskrat in Ontario. Can. J. Med. Sci. 30: 250-255, 1952. Biol. Abstr. #28770 (1952).
- \* Langford, E. V.  
An outbreak of tularemia in beaver and muskrat in Waterton Lakes National Park, Alberta. Can. J. Comp. Med. Vet. Sci. 18(1): 28-30, 1954. Excerpta Med. (IV) #850 (1955).
- McNabb, A. L.  
Tularemia; the first case reported in Canada. Can. Public Health J. 21: 91-92, 1930.
- \* Miller, J.  
Tularemia in Northwestern Ontario. Can. Med. Assoc. J. 69: 102-105, 1953. Bull. Hyg. 29(2): 158, 1954.
- \* Positive plague and tularemia specimens reported in Canada during 1942. Public Health Repts. 58(1): 646, 1943.
- \* Rand, C. G.  
Tularemia; an epidemiological review. Can. Med. Assoc. J. 61(5): 501-505, 1949.
- \* U. S. Public Health Series.  
Positive plague and tularemia specimens reported in Canada during 1942. Public Health Repts. 58(16): 646, 1943.
- Wood, W. J.  
Tularemia; a study based on the incidence of positive agglutination tests against *P. tularensis* in the Indian population of Manitoba and Northwestern Ontario. Manitoba Med. Rev. 31: 641-644, 1951.

#### CZECHOSLOVAKIA

- Drbohlav, J.  
La Tularemie en Tchecoslovaquie. Bull. Off. intern. hyg. publ. 29: 1905-1917, 1937.  
Bull. Hyg. 13: 207, 1938.  
Presse med. 45: 1086-1087, 1937.  
Trav. inst. hys. publ. Tchecosl. 8: 79-104, 1937.  
Bull. Hyg. 13: 301, 1938.

- Netousek, M.  
L'épidémie de tularemie in Czechoslovakia. Rev. pathol. comparee. 37: 846-853, 1937.
- Netousek, M.  
Tularemie, Son apparition en Tchecoslovaquie. Sang. Le, p. 851, 1937.

## XXI. EPIDEMIOLOGY

### EPIDEMIC COUNTRIES

#### CZECHOSLOVAKIA

- Netousek, M.; and Kollar.  
Tularemia. Bratislav. Lekarske Listy. 17(3): 99-118, 1937.
- Prochazka, L.  
Tularemia in Czechoslovakia, 1937. Bull. Off. intern. hyg. publ. 29: 2537, 1937.
- Tomanek, E.  
Tularemia in Czechoslovakia and Austria during 1936 and 1937. Bratislav. Lekarske Listy. 17: 118-133, 1937.  
Amer. J. Public Health. 27: 443, 1937.  
Bull. Hyg. 12: 578, 1937.
- Vrla, J.  
Tularemia epidemic in Czechoslovakia during 1936-37. Bratislav. Lekarske Listy. 17: 728, 1937.

#### FRANCE

- \* Basset, J.  
Tularemia in hares. A recently detected epizootic in France. Rev. pathol. comparee. 49(604): 178-192, 1949.
- \* Basset, J.  
Tularemia. Epizootic recentement identifiee en France chez le lievre. Bull. acad. vet. Francs. 20(4): 164-166, 1947.  
Ibid: 20(8): 334-338, 1947.
- Bernard, L.; and Viguie.  
Evolution de la tularemie en France. Rev. Hyg. Med. Soc. (Paris). 1(4): 329-335, 1953.  
Excerpta Med. (IV) #5802 (1954).
- Berteau, Lucien Jacques.  
La tularemie; faits particuliers d'ordre epidemiologique et clinique. Paris, 1953. Thesis - Paris Univ. Fac. Med. #553.
- Bogendorfer, L.  
Data on a tularemia epidemic in France. Munch. med. Woehschr. 93: 833-835, 1951.
- \* Brumpt, E.  
Will tularemia become endemic in France? Measures to avoid this eventually. Bull. acad. med. (Paris). 117: 691-700, 1937.  
Bull. Hyg. 13: 51, 1938.
- Dujarrie de la Riviere, R.  
La tularemie. Rev. med. franc. 29(3): 40-44, 1948.
- \* Girard, G.  
Aspects epidemiologiques de la tularemie en France. Presse med. 57(66): 968-970, 1949.

## XXI. EPIDEMIOLOGY

### EPIDEMIC COUNTRIES

#### FRANCE

Girard, G.

Considerations sur 18 cas de tularemie observés en France depuis un an. Bull. acad. natl. med. 131(25-27): 526-530, 1947.

Girard, G.

La tularemie en France; données pratiques tirées de 23 observations. Rev. colon. med. chir. 19(148): 194-200, 1947.

\* Girard, G.

La tularemie humaine en France; considérations épidémiologiques, cliniques, thérapeutiques. Human tularemia in France; epidemiological, clinical and therapeutic considerations. Rev. pathol. comparée. 49(604): 172-178, 1949.

\* Girard, G.; Blass, H.; and Ely, S.

Sur deux cas de tularemie humaine observés à Paris. Bull. soc. med. hop. Paris. 62: 198, 1946.

Langeard, R.

Surdeaux aux de tularemie observés en Gironde. J. med. Bordeaux. 125(1): 37, 1948.

Lavergne, V., de; Pierquin, L.; Helluy, J. R.; and Dornier, R.

An aetiological, clinical, diagnostic and therapeutic study of fifty cases of tularemia in Lorraine. Bull. mem. soc. med. hop. Paris. 66: 476-482, 1950.

Lavergne, V., de; Pierquin, L.; Helluy, J.; and Dornier, R.

Clinical considerations of the first French epidemic of tularemia. Sem. hop. Paris. 26(76): 3978-3990, 1950.

Lavergne, V., de; Pierquin, L.; Helluy, J.; and Dornier, R.

Lorraine epidemic of tularemia; clinical study. Rev. med. Nancy. 75(1-15): 377-387, 1950.

Paille, R.

Tularemia in the hare. First identified cases in France. Bull. Acad. vet. France. 20(3): 97-102, 1947.

Excerpta Med. (IV) #173 (1949).

\* Perrin, M. Gaston.

A propos de la tularemie. Rev. pathol. comparée. 49(604): 193-194, 1949.

Redslob, E.

La tularemie ou la vengeance du lièvre. L'épidémie de Lorraine. Ann. Oculist. 185(11): 975-980, 1952.

Excerpta Med. (IV) #5803 (1954).

Rochaix, A.; and Maurin, M.

La tularemie. Est-elle un danger pour la France? Mouvem. sanit. 9: 720; 723-728; 731-732, 1932.

Bull. Hyg. 8: 279, 1933.

Sebaoun, J.

Tularemia. Clinique, Paris. 47: 37-40, 1952.

\* Tularemia in France. Lancet.

253(2): 63, 1947.

\* Verge, J.

La tularemia; est-elle un danger pour la France. (Is tularemia a danger for France?) Rev. pathol. comparée. 46: 173-177; 323-331, 1946.

XXI. EPIDEMIOLOGY

EPIDEMIC COUNTRIES

FRANCE

Verge, J.; and Saurat, P.  
La tularemie (a propos de quelques cas français). Progr. med., Paris. 75: 229-232, 1947.

Violle, H.  
De la tularemie et des possibilités de son introduction en France. Marseille med. 67: 402, 1930.

GERMANY

David, Hans; and Schiessler, Paul.  
On the occurrence of tularemia in wild rabbits (Feldhasen) in Central Germany. Deut. tieraztl. Wochschr. 47(23): 337-338, 1939.

\* Frank, H.; and Wohlfeil, T.  
Epidemiology and bacteriological-serological diagnosis of mild forms of tularemia. Zeitschrift fur Hyg. und Infek., Berlin. 128(5-6): 486-498, 1948.

Jusatz, H. J.  
Tularemia in Mainfranken, 1949-1953 - a Geomedical analysis. Arch. Hyg. Bakteriol. 139: 189-199, 1955. Bull. Hyg. 31: 28, 1956.

\* Katzke, M.  
Die Bedeutung der Tularemie für den Europäischen Raum in Spiegel des neuen Schriftums. Tierarztl. Wochschr., p.376-378, 1943.

Mochmann, E.  
Epidemiology of tularemia in the region of Mecklenburg. Munch. med. Wochschr. 99(32): 1153-1154, 1957.

\* Mochmann, H.  
Tularemia cases in Mecklenburg area, 1952-1955. Zentr. Bakteriol. Parasitenk. Abt. I. Orig. 164: 106-109, 1955.

Rabe, H. H.; and Cruse, G.  
Tularemia, grave infectious disease in Western Germany; with reference to an epidemic covering a small area in Schleswig-Holstein. Med. Welt. 20: 933-938, 1951.

Reiter, H.  
Present status of problem of tularemia in Germany. Bull. Off. intern. hyg. publ. 29: 2536, 1937. Bull. Hyg. 13: 548, 1938.

Saleck, W.; and Kairies, H.  
Über das Auftreten von Tularemieerkrankungen an der Ostfront. Deut. Militärarzt. 7: 669-673, 1942.

Schiff, W.  
Present epidemiology of tularemia in Germany. Med. Monatsschr. 6: 103-107, 1952.

\* Schuermann, H.; and Huttner, K.  
Tularemie in Deutschland. Klin. Wochschr. 28(43-44): 758, 1950.

Schulten, H.; and Petry, A.  
Tularemia in Western Germany. Medizinsche. #24: 813-815, 1952.

XXI. EPIDEMIOLOGY  
EPIDEMIC COUNTRIES

GERMANY

Trautmann, Fr.  
Tularemia. Arztl. Wochschr.  
10(42): 964-970, 1955.  
Excerpta Med. (VI) #5362 (1956).

Trautmann, F. O.  
Tularemie. Zeit. ges. inn.  
Med. u. ihre Grenzgebiete. #1:  
28-46, 1953.

\* Tularemia in Germany. J. Amer.  
Med. Assoc. 110: 1502, 1938.

Unger, L.  
Epidemic tularemia. Med. Klin.  
(Berlin). 49(13): 470-471, 1954.

Wagner, A.  
Ueber sporadische Tularemiefälle  
in Wien; Gleichzeitig ein Beitrag  
zur Rontgenbehandlung der Tula-  
remie. Wien. med. Wochschr.  
98(31-32): 341, 1948.

JAPAN

Hatchome, N.; and Sato, M.  
The "Yatohyo" exanthem (Tula-  
remia). Tohoku J. Exptl. Med.  
60(1): 59-66, 1954.  
Excerpta Med. (VI) #4598 (1955).

\* Ohara, S.  
Studies on yato-byo (Ohara's  
disease, tularemia in Japan).  
Japan. J. Exptl. Med. 24(2):  
69-79, 1954.  
Report II. Ibid: 25(1): 7-14,  
1955.  
Excerpta Med. (VI) #7131 (1956).

Moore, D.; and Francis, E.  
Tularemia in Japan. U. S.  
Public Health Serv. Bull. 51,  
1929.

Ota, T.  
Bacteriological and serological  
survey on tularemia cases found  
in Chiba prefecture in 1949.  
Kitasato Arch. Exptl. Med. 23(1):  
37, 1950.

Puntigam, F.  
Epidemiologische Betrachtungen  
zur Hanfund von Tularemieer-  
krankungen in winter, 1945-46 im  
Bezirk Mistelbach. Wien. klin.  
Wochschr. 58: 179, 1946.

## XXI. EPIDEMIOLOGY

### EPIDEMIC COUNTRIES

#### MEXICO

- Buiz, Sanchez F.  
Tularemia. Case in Guadalajara.  
Medicina (Mexico). 25: 105-108,  
1945.
- \* Bustamente, M. E.  
Question of existence of tularemia in Mexico. Medicina (Mexico): 15: 565-569, 1935.
- Tovar, R. M.  
Incidencia de brucelosis y tularemia en Mexico. Determinacion de reactores serologicos humanos. Rev. inst. salubridad y enfermedad trop. (Mexico). 8(1): 39-48, 1947. Biol. Abstr. #4333, Feb. 1948.
- Tovar, Raul M.  
Tularemia en Mexico. II. Fenomenos immunologicos cruzados en brucelosis y tularemia. Diferenciacion serologica. Med. Rev. Mexicana. 25(490): 331-337, 1945.
- \* Tovar, Raul M.  
Tularemia in Mexico. I. Primer caso confirmado bacteriologicamente. Medicina (Mexico). 24-25: 343-351, 1944.

#### NORWAY

- \* Thjotta, Th.  
Continued investigations into the occurrence of tularemia in Norway. Norsk. Mag. Laegevidenskap. 92: 32-40, 1931. Bull. Hyg. 6: 880, 1931.
- \* Thjotta, T.  
Three cases of tularemia, a disease not hitherto diagnosed in Norway. Norsk. Mag. Laegevidenskap. 91: 224-236, 1930. Bull. Hyg. 5: 490, 1930.
- \* Thjotta, T.  
Tularemia og dens forekomst i Norge. Nord. Med. Tidskr. 2: 177-180, 1930.
- Webring, K. W.  
L'existence de la tularemie in Norvege. Bull. Off. intern. hyg. publ. 22: 1908-1910, 1930.

## XXI. EPIDEMIOLOGY

### EPIDEMIC COUNTRIES

#### SPAIN

Gasque Gracian, P.  
Suspected case of tularemia in Spain. Clin. y. lab. 16: 52-60, 1930.

Sanchez, F. R.  
Tularemia case in Guadalajara. Medicina (Mexico). 25: 105-108, 1945.

#### SWEDEN

Malmgren, B.  
Reappearance of tularemia in Sweden during 1934. Bull. Off. internat. hyg. publ. 27: 2184-2191, 1935.

\* Olin, Gunnar.  
A new epidemic of tularemia in Sweden. Bull. Offic. intern. hyg. publ. 30(10): 2230-2246, 1938.

\* Olin, Gunnar.  
New research on tularemia in Sweden. Bull. Off. intern. hyg. publ. 26: 890-892, 1934.  
Bull. Hyg. 9: 687, 1934.

\* Olin, G.  
The occurrence and mode of transmission of tularemia in Sweden. Acta Pathol. Microbiol. Scand. 19: 220-247, 1942.  
Zentr. Bakteriol. Parasitenk. Abt. I. Ref. 143: 266, 1943.

Olin, G.  
The occurrence of tularemia in Sweden, its origin and manner of spread. Nord. hyg. Tidskr. 23: 178-189, 1942.  
Biol. Abstr. #25487 (1947).

\* Olin, G.  
Surveys on the origin and mode of propagation of tularemia in Sweden. Bull. Offic. intern. hyg. publ. 30(12): 2804-2807, 1938.

\* Olin, G.  
Tularemia epidemic in Gävleborg district in 1937. Hygiea. 100: 236-252, 1938.  
Bull. Hyg. 13: 547, 1938.

Olin, G.; and Schiststedt, P.  
Some experiments with regard to the occurrence of tularemia in Sweden. Bull. Offic. intern. hyg. publ. 24: 1265-1271, 1932.  
Bull. Hyg. 8: 54, 1933.

\* Olin, G.; and Schiststedt, P.  
Tularemia in Sweden. Hygiea. 94: 705-718, 1932.

\* Thjotta, Th.  
"Tularemia in Sweden". Personal communication, dated - no date.  
2p.

## XXI. EPIDEMIOLOGY

### EPIDEMIC COUNTRIES

#### TURKEY

- \* Arar, A.  
La tularemie en Turquie. Bull. Off. intern. hyg. publ. 29: 1918-1923, 1937.  
Bull. Hyg. 13: 207, 1938.
- \* Arar, Asim.  
Tularemia in Turkey in 1937.  
Bull. Off. intern. hygiene publ. 30: 2226-2229, 1938.  
Bull. Hyg. 14: 227, 1938.
- \* Direk, Kemal.  
Tularaemia in Van-See (East Anatolia). Turk. zeit. Hyg. exptl. Biol. 5(2): 135, 1941.
- Direk, K.  
Tularemia in eastern Anatolia.  
Turk. zeit. Hyg. exptl. Biol. 2: 195-198, 1940.  
Bull. Hyg. 16: 27, 1941.
- Drbohlav, J.  
La tularemie en Turquie. Bull. mens. off. intern. hyg. publ. 29: 1918, 1937.
- \* Golem, S. B.  
Ikisi inapparent olmak üzere dort laboratuvar tularemii infeksiyonu. Poliklinik. 101: 3-7, 1941.
- \* Golem, S. B.  
New epidemic of tularemia in Luleburgaz. 18 cases. Turk. Bull. Hyg. exptl. Biol. 5: 27-38, 1945.
- \* Golem, S. B.  
Tulerami hastaligi, hakkında. (Tularemia in Turkey). T.B.B. Dergisinin Yil., 14p., 1937.
- \* Golem, S. B.  
Water-borne epidemic. Communication. Inst. Central Hygiene, Ankara (Turkey), June 5, 1946.
- Gotschlich, E.  
Neue Tularemieforschungen in der Turkei. Munch. med. Wochschr. 89: 509-512, 1942.
- \* Gotschlich, E.  
Supplement to the article entitled Epidemiological and bacteriological studies on tularemia in Thrace. Turk. zeit. Hyg. exptl. Biol. 1(1): 135-136, 1938.
- \* Gotschlich, E.; and Berkin, Tahsin.  
Epidemiologische und Bakteriologische untersuchungen über die Tularemie in Thrazien in Sommer, 1936. Turk. zeit. Hyg. exptl. Biol. 1: 115-134, 1938.
- Gotschlich, E.; Golem, S. B.; and Berkin, T.  
Virusiyeti azalmış tularemii bacterisi le laboratuvar hagvan-lavi üzerinde mwofiget tecrubeleri. Turk. Zeit. Hyg. exptl. Biol. 2(1): 1-11, 1940.
- \* Huseyin, K.  
Die Tularemie in der Turkei. zeitsch. Hyg. Inf. 119: 425-430, 1937.  
Bull. Hyg. 12: 505, 1937.
- \* Huseyin, Kemal.  
Tularemia in Turkey. Tedavi Klinigi ve Laboratuvari Dergisi. 6(23): 135-139, 1936.

## XXI. EPIDEMIOLOGY

### EPIDEMIC COUNTRIES

#### TURKEY

- \* Kamil, S.; and Golem, S. Bilal.  
Experimental research on the  
etiology of tularemia in Turkey.  
*Ann. Parasitol.* 16(6): 530-542,  
1938.
- Koch, Robert; and Flugge, Carl.  
*Tularemia in der Turkei. Zeit.  
Hyg. Iniektionskrankh. Sonderdruck  
aus. 11y(4), 1937.*
- Oezverim, H.  
*Tularemia. Askeri sihhiye  
meemuasi.* 67: 153-158, 1938.
- \* Oz, T. V.  
The endotoxin of *Bacterium tula-  
rense*. *Turkische Zeit. Hyg. exptl.  
Biol.* 2: 191, 1940.  
*Bull. Hyg.* 16(2): 97, 1941.
- \* Oz, T. V.  
Outbreak of tularemia in Trace  
in the summer of 1937. *Turk.  
Zeit. Hyg. exptl. Biol.* 1(1):  
167-169, 1938.
- \* Oz, T. V.  
Research on tularemia in Thrace  
(1937). *Bull. Turk. hyg. biologie  
exptl.* 1(1): 124-134; 185-187,  
1938.  
*Off. intern. hyg. publ.* 32(5-6):  
594-595, 1940.
- \* Oz, T. V.  
Study of tularemia in Thrace  
during the summer of 1937.  
*Turk. Zeit. Hyg. exptl. Biol.*  
1(1): 158-184, 1938.
- \* Oz, T. V.  
*Tularemia endotoxin. Turk.  
Hifz. Tecrubi Biyol. Meom.* 2:  
187-189, 1940.  
*Zentr. ges. Hyg.* 47: 659, 1941.
- \* Oz, T. V.  
*Tularemia endotoksin. Turk.  
zeit. Hyg. exptl. Biol.* 2(1),  
1940.
- \* Oz, Talot Vasfi.  
*Tularemia vizsgalatok Traciaban.  
Kulonlenyomat Nepegeszsegugy.*  
Sept. 21, szamabol, 1938.
- \* Oz, T. V.  
*Über erforschung der tularemie  
in Thrazien (Turkei) in summer  
1937. Turk. Zeit. Hyg. exptl.  
Biol.* 1(1), 1938.
- \* Tokgoz, S. K.; and Golem, S. B.  
*Tularemide laboratuvar  
arastirmalari. Turk. zeit. Hyg.  
exptl. Biol.* 1(1): 155-157, 1938.
- Utku, I. E.  
New epidemic of tularaemia in  
Turkey and its peculiarities.  
*Turk. Iijien. Tecrubi Biol.  
Dergisi.* 14(2): 288-293, 1954.  
*Excerpta Med. (XVII) #2785 (1955).*  
*Bull. Hyg.* 30(5): 411, 1955.

## XXI. EPIDEMIOLOGY

### EPIDEMIC COUNTRIES

#### UNITED STATES

- Adams, C. C.; and Carter, G. F.  
Tularemia; with a report of a  
case occurring in Texas. Dallas  
Med. J. 11: 179, 1925.
- \* Anderson, T. B. H.  
"Tularemia in New Mexico".  
Personal communication, dated  
October 4, 1924. 7p.
- \* Ayres, J. C.; and Feemster, R. F.  
Epidemiology of tularemia in  
Massachusetts with a review of  
the literature. New England J.  
Med. 238(6): 187-194, 1948.
- \* Bacon, M.; Bacon, R. F.; and Drake,  
C. H.  
Bacterial infections in wild  
rodents of eastern and central  
Washington. J. Infectious  
Diseases. 102(1): 5-13, 1958.
- Berry, F.  
Tularemia with specific reference  
to cases in Ohio and methods for  
their recognition. Ohio State  
Med. J. 24: 457-460, 1928.
- \* Boat, R. B.; Peacefull, S. G.; and  
Leming, H. E.  
Tularemia in the Ozarks region.  
J. Amer. Med. Assoc. 137(4):  
352-354, 1948.
- Brammer, F. E.  
First American case of tularemia.  
W. Va. Med. J. 27: 116-123, 1931.
- Brown, E. G.; Lattimore, J. L.; and  
Hofmann, J.  
Tularemia; summary of 120 cases  
reported in Kansas. J. Kansas Med.  
Soc. 34: 296-302, Aug. 1933.
- \* Burnett, T. W.  
Tularemia in a Rocky Mountain  
sector of the Western front, Fort  
Douglas CCC district. Military  
Surgeon. 78: 193-199, 1936.
- Gallaway, G. D.; Peterson, S. S.;  
and Good, J. T.  
Tularemia in Southwest Missouri.  
(A report and discussion of  
seventy-eight cases.) Missouri  
State Med. Assoc. 51(11):  
906-908, 1954.  
Excerpta Med. (VI) #4595 (1955).
- \* Caudill, F. W.  
Tularemia. Bull. Dept. Health.  
Commonwealth Kentucky. 16(3):  
132-134, 1943.
- \* Cawley, E. P.  
Tularemia, endemic in Southern  
Michigan. J. Michigan State Med.  
Soc. 41: 476-478, 1942.
- Comper, E. L.; and McMillin, J. H.  
Tularemia in Michigan.  
J. Michigan State Med. Soc. 26:  
309-310, 1927.
- \* Corwin, W. C.; and Stubbs, S. P.  
Further studies on tularemia  
in the Ozarks. Review of 44 cases  
during a three year period.  
J. Amer. Med. Assoc. 49(4):  
343-345, 1952.  
Excerpta Med. (IV) #5801 (1954).
- Gulpepper, M. B.  
Tularemia. Southwestern Med. J.  
10: 55-56, 1926.  
Bull. Hyg. 1: 531, 1926.

## XXI. EPIDEMIOLOGY

### EPIDEMIC COUNTRIES

#### UNITED STATES

- \* Cummings, H. S.  
Tularemia in the United States.  
Bull. Off. intern. hyg. publ. 29:  
2532-2535, 1937.  
Bull. Hyg. 13: 547, 1938.
- \* Day, H. S.; and Walker, C. R.  
Tularemia in Mesa County,  
Colorado. Color. Med. 29:  
373-374, 1932.
- \* Dealy, Frank N.; and Duhan, Eliot.  
Tularemia in New York State.  
N. Y. State J. Med. 40(1): 63-64,  
1940.
- Farmer, John; and Duncan, Garfield G.  
Tularemia; report of six cases  
occurring in Pennsylvania. Phila.  
Hosp. Bull. Ayer Clin. Lab. 3:  
237-248, 1938.
- \* First case of tularemia in New  
York City. Wkly. Bull. N. Y.  
City Dept. Health. 17: 269-270,  
1928.
- \* Four cases of tularemia reported  
from Buffalo and vicinity.  
N. Y. State Dept. Health News.  
10: 13, 1933.
- \* Francis, Edward.  
Tularemia. IX. Tularemia in the  
Washington, D. C. market. Public  
Health Repts. 38: 1391-1396, 1923.
- Geiger, J. C.; and Meyer, K. I.  
Tularemia in Nevada. Calif. &  
Western Med. 31: 38-41, 1921.
- Gibbons, E. H.; Lamoreux, E. L.;  
and Arkless, H. A.  
Tularemia in Connecticut. Conn-  
necticut State Med. J. 5: 679-683,  
1941.
- Gibson, John Mendinghall.  
Alabama State Dept. Health Div.  
Public Educa. Radio talk tape  
recorded, Nov. 12, 1953.
- \* Gilbert, Ruth; and Coleman,  
Marion B.  
Incidence of tularemia in N. Y.  
State. Amer. J. Public Health.  
22: 1249-1252, 1932.
- Guildord, H. M.  
Tularemia at a new high.  
Wisconsin State Bd. Health Bull.  
5(17): 14-15, 1934.
- \* Halley, E. R. L.  
Tularemia - the first known  
instance in the District of  
Columbia. Med. Ann. Dist.  
Columbia. 8: 175, June 1939.
- \* Hamer, Edward E.  
Tularemia. Bull. Nevada State  
Bd. Health, Nov. 1, 1928.
- \* Hanson, E. C.; and Green, R. G.  
Tularemia in Minnesota. J. Amer.  
Med. Assoc. 92: 1920-1928, 1929.
- Hardy, A. V.  
Tularemia in Iowa in 1926.  
J. Iowa State Med. Soc. 17:  
317-318, 1927.
- \* Hardy, Chester E.  
Tularemia. Color. Med., Oct.  
1926. 7p.
- \* Jackson, Harry; and Seid,  
Benjamin.  
Tularemia in Chicago; report of  
six surgical cases. Illinois  
Med. J., March 1932.

## XXI. EPIDEMIOLOGY

### EPIDEMIC COUNTRIES

#### UNITED STATES

- \* Jackson, J. W.  
Tularemia; a review and its present status in Indiana.  
J. Indiana State Med. Assoc. 35: 691-696, 1942.
- Jackson, J. W.  
Tularemia in Indiana including a reported industrial outbreak.  
Indiana State Bd. Health Div. Communicable Diseases Control, 1946.
- \* J. Indiana State Med. Assoc. 40(9): 872-877, 1947.
- \* Jellison, W. L.; Kohls, G. M.; and Philip, C. B.  
Tularemia - muskrats as a source of human infection in Utah. Rocky Mt. Med. J. 48: 594-597, 1951.
- \* Jirka, Frank J.  
Tularemia; with report of 2 cases. Illinois Med. J., December 1930. 5p.
- \* Jordon, Carl F.  
Tularemia. Iowa Public Health Bull. 54(3), 1940. 16p.
- \* Kaufman, S. M.  
Case of tularemia contracted in city of New York. N. Y. State J. Med. 31: 1499-1504, 1931.
- Lawrence, W. H.  
Report on the beaver die-off in Michigan. J. Wildlife Management. 20: 184-187, 1956.
- \* Levin, William P. H.  
Tularemia and its occurrence in Oregon. Northwest Med. 34(5): 161, 1935.
- \* McCormick, F. L.  
Tularemia; report of 3 cases. J. Missouri State Med. Assoc. 27(4): 172-173, 1930.
- \* McDaniels, H. E.  
Tularemia in Illinois. Illinois Med. J. 92: 224-228, 1947.
- \* McDaniels, H. E.  
Tularemia in Illinois; case histories - epidemiology. Illinois Dept. Public Health Educ. Circ. #44: 1-12, 1933.
- \* Massee, J. C.  
Tularemia studies in Georgia. J. Med. Assoc. Georgia. 21: 7-12, 1932.
- \* Massee, J. C.  
Tularemia in Georgia. J. Med. Assoc. Georgia. 20: 66-67, 1931.
- Mason, J. M.; and Mason, E. M.  
Tularemia in Alabama. Southern Med. J. 20: 251, 1927.
- Merriman, L. L.  
Tularemia; a comparative study of four cases originating in Minnesota. Minnesota Med. 10: 719-725, 1927.
- Miller, H. E.  
Tularemia in California. Calif. & Western Med. 42(4): 236-240, 1935.
- \* Mills, Harlow B.  
Two human diseases which may be contacted from Montana rodents. Montana State Bd. Entomol. Misc. Publ. #1.

## XXI. EPIDEMIOLOGY

### EPIDEMIC COUNTRIES

#### UNITED STATES

- Minnesota Medicine.  
Epizootiology of tularemia in Minnesota. Minnesota Med. 19: 484, 1936.
- \* Moilliet, T. A.  
Review of tularemia in British Columbia with specific reference to recent human case. Can. Entomologist. 68: 121-124, 1936.
- Molgat, A. L.  
Tularemia in Manitoba. Manitoba Med. Rev. 30(9): 630, 1950.
- \* Moore, F. D.; Sawyer, C. S.; and Blount, S. G.  
Tularemia in New England; review of 18 cases with report of two additional cases. New England J. Med. 231: 169-173, 1944.
- \* Morgan, Banner Bill.  
The seasonal occurrence of tularemia in the North Central States. Human Biol. 13: 334-349, 1941.
- \* Morgan, Banner Bill.  
Tularemia in Wisconsin. Trans. Wisconsin Acad. Sci. 39: 1-19, 1949.
- \* Wisconsin Med. J. 48(6): 508-510, 1949.
- Moss, R. E.; and Evans, L. R.  
Tularemia; report of a case contracted on Cape Cod. New England J. Med. 223: 885-887, 1940.
- \* Murphree, L. R.  
Some unusual aspects of tularemia as found in Mississippi. Mississippi Doctor. 23: 534-536, 1946.
- \* Murphy, Jerome A.  
Tularemia and report of a case. N. Y. State J. Med. 28(11), June 1, 1928.
- \* Murphy, John L.  
Tularemia in Michigan; report of a case. J. Michigan State Med. Soc., p.3-12, 1930.
- Nakamura, Mitsuru.  
A survey of Pasteurella tularensis infection in the animals of the Jackson Hole area. zool. 35(2): 129-131, 1950.
- Nakamura, Mitsuru.  
Tularemia in the red-tailed hawk. Auk. 67(3): 383-384, 1950.
- \* Olson, B. G.  
Tularemia in the United States. Bull. Off. internat. hyg. publ. 30: 2808-2810, 1938.
- \* Parker, R. R.  
Tularemia in beavers and muskrats and the contamination of natural water with Pasteurella tularensis in the northwestern United States. J. Bact. 45: 56-57, 1943.
- \* Parker, R. R.; Bell, J. F.; Chalgren, W. S.; Threlkild, F. B.; and McKee, M. T.  
The recovery of strains of Rocky Mountain spotted fever and tularemia from ticks of the eastern United States. J. Infectious Diseases. 91: 231-237, 1952.

## XXI. EPIDEMIOLOGY

### EPIDEMIC COUNTRIES

#### UNITED STATES

- \* Parker, R. R.; and Spencer, R. R.  
Tularemia and its occurrence in Montana. 6th Bien. Rept. Montana Bd. Entomol., p.30-41, 1925.
- \* Perry, J. C.  
Tularemia among meadow mice in California. Public Health Repts. 43: 260-263, 1928.
- Perry, J. C.  
Tularemia; bearing on public health in Western states. Calif. & Western Med. 29: 217-221, 1928.
- \* Pulaski, Edwin J.; and Amspacher, W. H.  
Streptomycin therapy of tularemia in U. S. Army hospitals. Amer. J. Med. Sci. 214: 144-147, 1947.
- Rigdon, R. H.; and Chesnutt, C. E.  
Tularemia in Arkansas. J. Arkansas Med. Soc. 44: 183-187, 1948.
- \* Schulze, V. E.; and Marr, W. L.  
Tularemia in Texas. Texas State J. Med. 29: 643-646, 1934.
- \* Simons, S. A.; Stevens, I. M.; and Reeves, W.  
Some epidemiological observations on tularemia in California, 1927-1951. Amer. J. Trop. Med. Hyg. 2: 483-494, 1953.  
Vet. Bull. #2477 (1953).
- \* Simpson, Walter M.  
Tularemia; a summary of recent investigations and a consideration of the Dayton experience with 88 cases. Illinois Med. J., September 1931. 23p.
- \* Simpson, W. M.  
Tularemia; a summary of recent researches with a consideration of 103 Dayton cases. Ohio State Med. J. 29: 35-41, 1933.
- Simpson, W. M.  
Tularemia. Experiences with fifty-three cases occurring in Dayton, Ohio. Wisconsin Med. J. 27: 481-485, 1928.
- \* Simpson, Walter M.  
Tularemia (Francis' disease). Experiences with 53 cases occurring in Dayton, Ohio. Proc. Staff Meetings Mayo Clinic. 3(28): 213-220, 1928.
- \* Wisconsin Med. J. 27: 481-485, 1928.
- \* Simpson, W. M.  
Tularemia (Francis' disease); report of 4 additional cases. Ohio State Med. J. 24: 860-862, 1928.
- \* Stuart, Bryon M.; and Pullen, Roscoe L.  
Tularemic pneumonia; review of American literature and report of 15 additional cases. Amer. J. Med. Sci. 210(2): 223-236, 1945.
- \* Tartakow, I. G.  
Tularemia in New York State. N. Y. State J. Med. 46(12): 1329-1338, 1946.
- \* Thompson, H. E.; and Glynn, James D.  
Oculoglandular tularemia. Iowa State Med. Soc., February 1940. 10p.

## XXI. EPIDEMIOLOGY

### EPIDEMIC COUNTRIES

#### UNITED STATES

- \* Tularemia from muskrat bite reported in New York State. Public Health Repts. 54(2): 1244-1245, 1939.
- \* Tularemia in Wisconsin. Wisconsin Med. J. 28: 369, 1929.
- Tularemia increases. Quart. Bull. Wisconsin State Bd. Health. 5(14): 15-16, 1933.
- \* Tularemia infection found in fleas from Prairie dogs in Wyoming. Public Health Repts. 56(2): 1521-1522, 1941.
- \* Tularemia infection in field mouse in South Dakota. Public Health Repts. 57(2): 1743, 1942.
- \* U. S. Public Health Series. Tularemia from muskrats bites reported in New York State. Public Health Repts. 54: 1244-1245, 1939.
- \* Wallace, W. H. Tularemia with 5 case reports. Meeting S. Carolina Med. Assoc. Paper, April 7, 1926.
- \* Washburn, A. M.; and Tuchy, J. H. The changing picture of tularemia transmission in Arkansas. A study of 704 cases histories. Southern Med. J. 42(1): 60-62, 1949.
- \* Watts, Henry F. R. A case of tularemia. New England J. Med. 202(7): 329-330, 1930.
- \* Weinzirl, Adolph; and Halliday, G. H. Insect-borne tularemia in Maryland. Trans. Southern Br. Amer. Public Health Assoc., p.29-32, 1935.
- Whiteis, W. R.; and Anthony, E. J. Tularemia in Iowa. J. Iowa State Med. Soc. 16: 188, April 1926.
- \* Williams, Ralph B. Tularemia. First case to be reported in Alaska. Public Health Repts. 61(24): 875-876, 1946.
- Wisconsin morbidity. Quart. Bull. Wisconsin State Bd. Health. 8: 60-61, 1946.
- \* Withers, W. A. Rabbit fever in North Carolina. Health Bull. Raleigh, N. C. 63(4): 3-5, 1948.
- \* Withington, Paul R. Report of a case of tularemia. New Engl. J. Med. 201(13): 634-635, 1929.
- Woelffer, E. A. Rabbit fever. Hoard's Dairyman. 101: 295, 1956.
- Woodworth, J. A. Tularemia in Connecticut. Connecticut State Med. J. 16: 838-841, 1952.

## XXI. EPIDEMIOLOGY

### EPIDEMIC COUNTRIES

#### USSR

- Airapetyan, V. G.; and Khachatryan, A. B.  
Diagnosis of tularemia in sheep during life. Veterinariia. 33(11): 34-38, 1956.  
Vet. Bull. #1023 (1957).
- \* Alsuf'ef, N. G.; and Emelianova, O. S.  
Mixed epizootic tularemia, listeria, and streptoccal among voles during the winter. Zhur. Mikrobiol. Epidemiol. Immunobiol. #2: 36-41, 1954.  
Trans. (Misc. Trans. #121) (1p summary).
- \* Apekhkin, V. N.  
On epidemiology and parasitology of transmissive outbreak of tularemia. Med. Parasitol. Parasitic Diseases (USSR). 14(5): 93-98, 1945.  
Bull. Hyg. 21: 740, 1946.
- \* Apekhkin, V. N.  
Some problems in the epidemiology and parasitology of vector-borne outbreaks of tularemia. Translation (Big Ben Project) TR-17-05.
- \* Apekhkin, V. N.  
Some questions on the epidemiology and parasitology of vector outbreaks of tularemia. Translation - Big Ben. TR-15-05.
- Arct, W.  
Observations of importance of tularemia at the outpatient service of a surgical clinic. Polski przegl. chir. 26(1): 961-961, 1954.
- Belostotskaya, E. N.; Maksimova, E. B.; and Mashkilleison, A.  
Case of allergic reaction to living tularemia vaccine. Zhur. Mikrobiol. Epidemiol. Immunobiol. #1: 97-98, 1954.
- \* Berdnikov, V. A.  
Epizootic tularemia in rodents as cause of epidemic in man. Vestnik Mikrobiol. Epidemiol. Parazitol. 13: 61-66, 1934.
- Bezjal, B.  
Internal forms of tularemia. Lijecnicki Vjesnik. (Bosnia). '78(5/6): 209-219, 1956.
- \* Berdnikov, V.; Molodtsova, D.; and Kayzer, G.  
Epidemiology of tularemia in village of Ust-Kurdyum, Saratov Province. Vestnik Mikrobiol. Epidemiol. Parazitolog. 14: 225-260, 1935.  
Bull. Hyg. 11: 303, 1936.
- Borisovskiy, V. V.  
Observations on epidemic of tularemia. Soviet Vrachebnyi zhur., p.194-195, Feb. 15, 1936.
- \* Borodin, V. P.; and Koroleva, A. P.  
Result of wide application of epicutaneous and diluted tularin in immunological characteristics of the population. Zhur. Mikrobiol. Epidemiol. Immunobiol. 11: 31-36, 1955.

## XXI. EPIDEMIOLOGY

### EPIDEMIC COUNTRIES

#### USSR

- \* Borodin, V. P.; Spitsyn, N. A.; Samsonova, A. P.; Koroleva, A. P.; and Khliustova, M. I.  
Two cases of tularemia caused by bite of tick Rhipicephalus rossicus Jakim. Zhur. Mikrobiol. Epidemiol. Immunobiol. 27(9): 49-51, 1956. Bull. Hyg. 32: 325 (1957).
- \* Bozhenko, V. P.; and Shevchenko, S. F.  
On the ecology of the Ixodes laguri tick in connection with its importance in the sustainment of several natural centers of tularemia. Zool. zhur. 35(6): 837-842, 1956.
- Carle, R.  
Ecological complex which determines the chain of infection in tularemia, plague, malaria and sandfly fever in South Russia. Zeit. Tropenmed. u Parasitol. 2(4): 558-602, 1951. Bull. Hyg. 26: 1085, 1951.
- Ghalusov; and Snaskay.  
Morphology of tissue alterations obtained by living tularemia vaccine. Arkh. patol. 10: 34-41, 1948.
- Devijkoff, P. P.  
Tularemia. Klin. Med. (USSR). 8: 715-722, 1930.
- \* Diachenko, S. S.; Khyshynska, O. P.; and Buyalo, S. H.  
Allergy reactions of persons inoculated cutaneously with live egg-yolk tularemia vaccine. Mikrobiol. zhur. Akad. Nauk. Ukrayin. SSR. 15(1): 27-32, 1953. Trans. #73, 13p.
- \* Diadichev, N. R.  
Data on epidemic processes. III. Common epidemiological peculiarities of plague and tularemia caused by different ways of infection. Zhur. Mikrobiol. Epidemiol. Immunobiol. #3: 8-14, 1957. Trans. #106. (1p summary).
- \* Diadichev, N. R.  
Material for the study of the epidemic processes. III. Epidemiological peculiarities of plague and tularemia due to differences in their means of transmission. J. Microbiol. Epidemiol. Immunobiol. 28: 317-323, 1957. (English).
- \* Dorofeev, K. A.; and Gracheva, M. I.  
Observation of furry raw materials in tularemia with the aid of a precipitation reaction. (Monograph). Zhur. Mikrobiol. Epidemiol. Immunobiol. #6: 62, 1953.
- Doubrowinsky.  
La tularemie dans l'Union des Republiques Sovietistes Socialistes, 1921-29. Bull. Off. internat. hyg. publ. 22: 1911-1921, 1930. Bull. Hyg. 6: 269, 1931.
- Drobinski, I. R.  
Pericarditis in tularemia. Sovet. Med. 11(1): 17-19, 1947. Excerpta Med. (VI) #2123 (1948).

## XXI. EPIDEMIOLOGY

### EPIDEMIC COUNTRIES

USSR

Drobinskii, I. R.

Certain remote sequelae in chronic tularemia. Terap. Arkh. 26(5): 81-83, 1954.

\* Drobinsky, I. R.

Comparative evaluation of subcutaneous testing with tularemia, of intracutaneous testing and of the agglutination reaction in tularemia. zhur. Mikrobiol. Epidemiol. Immunobiol. #7-8: 43-47, 1945.

\* Drobinsky, I. R.

The immunobiological diagnosis of tularemia. zhur. Mikrobiol. Epidemiol. Immunobiol. #7-8: 13-22, 1943. Biol. Abstr. #8611 (1946).

Dunaeva, T. N.

Possibility of a latent or chronic course of tularemia in water rats and other animals highly susceptible to this infection. (with English summary). Zobl. zhur. 37(3): 430-440, 1958. Monthly Index of Russ. Acc. 11(4): 1254 (1958).

Dzhanpoladova, V. P.

Blood picture in experimental tularemia. Arkh. Patol. 13: 104, 1951.

Dzhanpoladova, V. P.

Effect of tissue therapy on the bubo of rabbits with tularemia. zhur. Mikrobiol. Epidemiol. Immunobiol. #6: 63, 1953. Trans., 2p.

Elbert, B. Y.

immunoprophylaxis of tularemia in theory and practice. Zdravookh. Belorussei. 7: 7-12, 1956. abstr. Sov. Med. 1(3): 1237 (1957). Excerpta Med. (IV) #893 (1958).

\* Faibich, M. M.; and Ramarina, T. S.

Dry living tularemia vaccine of NIIEG of Red Army. zhur. Mikrobiol. Epidemiol. Immunobiol. #7: 59-63, 1946. Rept. I. Rept. II. Ibid: 10: 23-27, 1946.

Formozov, A. N.

Ecological survey of murine rodents, carriers of tularemia. Moskva, Izd-vo Mosk. ob-va ispytatelei Prirody, 1947. Monthly Index of Russ. Acc. 11(4): 1254 (1958).

Gaisky, N.

Causative agent of tularemia in primary affections of ulcerobubonic type. Klin. Med. (USSR). 25(2): 67, 1947.

\* Gamaleya, I. E. M.

Summary of tables derived from Soviet monograph - Effect of vaccination against tularemia, 1953. Lab. Tularemia, Div. Parasitol. & Med. Zool.

\* Gamaleya, N.; and Pavlovskiy, Ye. N.

Summary of tables derived from Soviet Monog. - Effect of vaccination against tularemia. CCIA Center #W/797c.

### XIII. EPIDEMIOLOGY

#### EPIDEMIC COUNTRIES

##### USSR

- \* Glass, G. B. J.  
Tularemia meningism and serious meningitis; 28 cases observed during epidemic transmitted by insects in settlements of deportation, Asino and Jaja, Siberia, USSR. Med. Clin. N. Amer. 32: 769-778, 1948.
- Golov, D. A.  
Les affections postiformes (Tularemia?) dans la region du bassin de l'Ural, au printemps, 1928. Rev. Mikrobiol. Epidemiol. et Parasitol. 8(3): 342-344, 1928.
- \* Golov, D. A.; Kniazevsky, A. N.; Berdnikov, V. A.; and Tiflov, V. E.  
Plague-like infectious tularemia in the region of the basin of the Ural in the spring of 1928. Rev. Mikrobiol. Epidemiol et Parasitol. 7: 301-326, 1928.
- Gorecki, J.; and Klonowicz, M.  
Case of tularemia. Polski Tygodnik Lekarski. 11(15): 651-652, 1956.
- \* Gubina, E. A.  
Vaccinal process in combined immunization against brucellosis and tularemia. Zhur. Mikrobiol. Epidemiol. Immunobiol. 28(7): 19-23, 1957.
- Isakov, J. A.; and Karpov, S. P.  
On the role of the field mouse Apodemus agrarius in the epizootiology and epidemiology of tularemia. Zhur. Mikrobiol. Immunobiol. #7-8: 57, 1945.
- Isakov, J. A.; and Sazonova, O. N.  
On factors governing transmission of tularemia in West Siberia. Med. Parasitol. Parasitic Diseases (USSR). 15: 75-83, 1946.  
Bull. Hyg. 22: 34, 1947.
- \* Iudenich, V. A.  
Revaccination against tularemia. Zhur. Mikrobiol. Epidemiol. Immunobiol. #2: 31-36, 1954.
- \* Jirovec, O.; Sluka, F.; Svoboda, A.; Valihrach, J.; and Vojteva, Helehna.  
Tularemia in the Jihlava and Valtice regions, Moravia, in the years 1945-52. Cesk. Hyg. Epidemiol. Mikrobiol. (Prague). 2(3): 228-236, 1953.  
Bull. Hyg. 29(1): 45, 1954.
- \* Kalitina, T. A.  
Allergic reaction of the skin as an indication of immunity to tularemia. Zhur. Mikrobiol. Epidemiol. Immunobiol. 27(6): 61-67, 1956.
- Kalitina, T. A.; and Gindin, A. P.  
Morphologic characteristics of cutaneous reaction in tularemia. Biul. Eksp. Biol. Med. 40(8): 66-68, 1955.
- \* Karpoff, S. P.; and Antonoff, N. I.  
Spread of tularemia thru water as new factor in its epidemiology. (Tomsk, Siberia). J. Bact. 32: 243-258, 1936.

## XXI. EPIDEMIOLOGY

### EPIDEMIC COUNTRIES

#### USSR

- \* Karpov, S. P.; and Popov, V. M.  
Ixodidae ticks of Western Siberia as reservoirs of tularemia. Med. Parazitol. Parazitar. Bolezni. #2: 75-79, 1944.
- \* Amer. Rev. Soviet med. 3: 140-142, 1945.
- \* Karpov, S. P.; and Popov, V. M.  
On the typification of the natural centers of tularemia. zhur. Mikrobiol. Epidemiol. Immunobiol. 2: 57, 1953. Trans., 1p.
- \* Karpov, S. P.; Popov, V. M.; Slinkina, A. G.; Chernyshev, F. I.; and Riazantsev, M. I.  
Epidemiology of a transmissible outbreak of tularemia. zhur. Mikrobiol. Epidemiol. Immunobiol. #7-8: 24-28, 1943. biol. Abstr. #9233 (1946).
- Kasprzak, E.; Pieniazek, J.; and Serafinowicz, H.  
Tularemia - a professional zoonotic disease. Med. Weterynar. (Poland). 6: 345-349, 1950.
- Kazantseva, A. L.; and Gorokhov, V. I.  
Epizootic of tularemia among marmots, mice and Lagurus lagurns Pall. Vestnik Mikrobiol. Epidemiol. Parasitol. 13: 213-217, 1934.  
Bull. Hyg. 10: 172, 1935.
- \* Kazberuk, N. A.; Bitvinova, Z. I.; Sadovnukova, R. N.; and Pevzner, G. I.  
Experience in using dry living tularemia vaccine and tularin for allergy skin tests. zhur. Mikrobiol. Epidemiol. Immunobiol. 27(6): 58-61, 1956.
- \* Khatenever, L. M.  
Certain characteristics of epidemiology, clinical aspects and laboratory diagnosis of typhoid forms of tularemia. Klin. Med. (USSR). 21: 28-34, 1943.
- \* Khatenever, L. M.  
Research on tularemia in the Soviet Union during the last 25 years. zhur. Mikrobiol. Epidemiol. Immunobiol. #11-12: 82-86, 1942.
- Kicinska, H.  
Tularemia in Szczecin. II. Epidemiological study. Przeglad epidemicol. 8(3): 159-166, 1954.
- Kicinska, H.; and Kostrzewski, J.  
Epidemiological studies on tularemia in Poland during 1953-54, 1956. Przeglad epidemicol. 10(1): 25-32, 1956.
- Kolpakova, S. A.; and Ekstrom, N. V.  
Epizootiology of tularemia; length of conservation of ectoparasitism in old nests of rodents (Muridae) and longevity of *Bacterium tularensis* in these parasites. Vestnik Mikrobiol. Epidemiol. Parazitol. 15: 351-356, 1936.
- Kon Ya, S.  
A fatal case of tularemia. Klin. Med. (USSR). 27(12): 86-87, 1949.
- Kosinska, E.; and Neyman, K.  
Six cases of tularemia in Poznan region. Polski Tygodnik Lekarski. 11(23): 1028-1030, 1956.

## XXI. EPIDEMIOLOGY

### EPIDEMIC COUNTRIES

#### USSR

Kozlowski, S.

Parasitic Gamasidae in mammals and birds discovered in the Szczecin region. *Przeglad epidemiol.* 9(2): 121-126, 1955.

Ljung, O.

Atypical, abortive and symptomless tularemia. *Svenska Lakartidningen.* 54(23): 1888-1893, 1957.  
*Excerpta Med.* (VI) 12: 7 (1958).

Ljung, O.

The clinical use of intracutaneous test in tularemia. *Svenska Lakartidningen.* 54(29): 2223-2227, 1957.  
*Excerpta Med.* (VI) #2665 (1958).

Lundmark, F.

Reflections in connection with second tularemia epidemic in Soderfors during fall 1938. *Svenska Lakartidn.* 36: 655-668, 1939.

\* Maisky, I. N.

Tularemia outbreaks on Murine origin. *Gigiena i Sanit.* #7-8: 34-37, 1944.  
*Bull. Hyg.* 20: 612, 1945.

\* Maisky, I. N.

Types of epidemic outbreaks of tularemia. *Zhur. Mikrobiol. Epidemiol. Immunobiol.* #7-8: 32-38, 1945.

Makarov, N. I.; Makarova, E. P.; and Bogaeva, V. T.

Seasonal and age susceptibility of the lesser suslik (*Citellus pygmaeus* Poll.) to tularemia infection. *Zool. Zhur.* 34(3): 652-657, 1955.

Manolov, D. G.

Immunobiology of tularemia. *Zhur. Mikrobiol. Epidemiol. Immunobiol.* #7-8: 23-24, 1943.  
*Biol. Abstr.* #8617 (1944).

Markowicz, J.; Kozowski, T.; and Swierczewski, S.

Detection of 3 foci of tularemia in man in the Voiewodship of Szczecin in 1952. *Przeglad epidemiol.* 7(3): 163-169, 1953.  
*Excerpta Med.* (IV) #5810 (1954).

Martinevskii, I. L.

Association of scarlet fever with vaccination against tularemia. *Zhur. Mikrobiol. Epidemiol. Immunobiol.* #11: 105-106, 1954.

\* Martinevskii, I. L.

Methods for studying the immunologic effectiveness of vaccination with living anti-tularemia vaccines. *Zhur. Mikrobiol. Epidemiol. Immunobiol.* 27(5): 20-22, 1956.

\* Martinevskii, I. L.

Serological reactions of subjects vaccinated and revaccinated against tularemia. *Zhur. Mikrobiol. Epidemiol. Immunobiol.* #4: 67-70, 1955.  
*Biol. Abstr.* #8388 (1957).

Mashkov, A. V.; and Tarantenko, A. F.

Study on the pathogenesis of tularemia in experimental animals.  
III. Growth of the causative organism and development of morphological changes in the organs of white rats on subcutaneous inoculation of *P. tularensis*. *Zhur. Mikrobiol. Epidemiol. Immunobiol.* #8: 122-125, 1957.

## XXI. EPIDEMIOLOGY

### EPIDEMIC COUNTRIES

USSR

- \* Mayanta, A. I.  
Tularemia of the urinary bladder.  
Amer. Rev. Soviet Med. 3: 360-361,  
1945.
- \* Maximov, A. A.  
Basic types of tularemia vectors,  
their characteristics and geographical  
distributions in the F.S.F.S.R.  
Proc. Acad. Sci., USSR. 57: 501-503,  
1947.
- \* Miasnikov, IU. A.  
Case of tularemia infection in  
men transmitted by a mole. Zhur.  
Mikrobiol. Epidemiol. Immunobiol.  
27(2): 103-105, 1956.
- \* Miasnikov, IU. A.  
Eradication of tularemia trans-  
mission. Zhur. Mikrobiol.  
Epidemiol. Immunobiol. #6: 68,  
1954.
- \* Miasnikov, IU. A.  
Occupational tularemia and its  
prevention. Zhur. Mikrobiol.  
Epidemiol. Immunobiol. #11:  
91-94, 1955.
- \* Maksnikov, Yu. A.  
The rational classification of  
the types of tularemia epidemics.  
Zhur. Microbiol. Epidemiol. Immunobiol.  
28(2): 270-275, 1957. (In  
English).
- \* Miasnikov, Yu. A.  
Rational classification of the  
types of tularemia outbreaks.  
Zhur. Mikrobiol. Epidemiol.  
Immunobiol. 28(2): 111-116, 1957.
- Miasnikov, Yu. A.; Kratokhvil,  
N. I.; and Yanson, V.  
Effect of the tularemia epi-  
zootic on the abundance of mice.  
Zool. zhur. 32(6): 1270-1275,  
1953.  
Biol. Abstr. #11877 (1955).
- Mikokhina, M. A.  
Late recrudescences of tula-  
remia. Sovet. Med. 10: 85-86,  
1955.  
Excerpta Med. (VI) #5363 (1956).
- Mirotvorskaya, E. A.  
Clinical variations of the  
nervous system during tularemia.  
Nevropatol. i Psichiat. 17(1):  
49-53, 1948.
- Molotkov, V. G.  
Pathologic anatomy of pulmonary  
forms of tularemia in man. Klin.  
Med. (USSR). 21(6): 35-44, 1943.
- Moroz, A.; and Khyzhyns'ka, O. P.  
Immunologic reactions and their  
duration in humans following  
epidutaneous injection of living  
tularemia vaccine prepared on egg-  
yolk. Mikrobiol. zhur. 17(3):  
40-45, 1955.
- Nekipelov, N. V.  
Some regularities in distribution  
of tularemia in USSR. Zool. zhurn.  
23(5): 275-279, 1944.
- Nel'zina, E. N.; Romanova, V. P.;  
Danilova, G. M.; and Sokolova,  
K. S.  
Role of Hystionyssus fonseca in  
natural foci of tularemia. Med.  
parazitt., Moskva. 26(3): 326-333,  
1957.

## XXI. EPIDEMIOLOGY

### EPIDEMIC COUNTRIES

#### USSR

- Netousek, M.; and Kollar.  
Tularemia. Bratislav. Lekarske Listy. 17(3): 99-118, 1937.
- Nikanarov, S. M.  
Tularemia in North America and tularemia like disease in USSR. Rev. Microbiol. Epidemiol. et Parasitol. 7: 289, 1928.
- Olsufiev, N. G.  
Results of studies of transmitters of tularemia in the USSR. Gorky All-Union Inst. Exptl. Med. Div. Med. Parasitol., 1940.
- Olsufiev, N. G.  
The role of ectoparasites in the dissemination of tularemia in the Middle zone of USSR (Contribution to an epidemiological analysis). Arch. Sci. Biol. 60(2): 42-55, 1940.  
Bull. Hyg. 18: 301, 1943.
- Olsufiev, N. G.  
The role of mosquitoes in the transmission and retention of tularemia. Gorky All-Union Inst. Exptl. Med., 1939.
- \* Olsufiev, N. G.  
Role of *Stomoxys calcitrans* L. in the transmission and preservation of tularemia. Arch. Biol. Nauk. 58: 25-31, 1940.  
Gorky All-Union Inst. Exptl. Med., Div. Med. Parasitol., 1939.
- Olsufiev, N. G.  
Transmission of tularemia in central RSFSR. Zool. zhur. 26: 255-262, 1947.
- \* Olsufiev, N. G.  
Tularemia in foreign countries brief review. Zhur. Mikrobiol. Epidemiol. Immunobiol. 27(9): 13-20, 1956.
- Olsuf'ev, N. G.; and Dunaeva, T.  
Susceptibility and sensitivity of certain species of Insectivora to tularemia. Zool. zhur. 29(1): 82-92, 1950.
- \* Olsuf'ev, N. G.; and Emel'ianova, O.  
Mixed epizootic tularemia, listerellosis, and streptoccal infection among voles during the winter. Zhur. Mikrobiol. Epidemiol. Immunobiol. #2: 36-41, 1954.
- \* Olsufiev, N. G.; and Golov, D. A.  
Horse flies as transmitters and conservators of tularemia.  
Reprint - translation, 1936.
- Olsufiev, N. G.; Kucheruk, V. V.; Makarov, N. I.; Borodin, V. P.; Petrov, V. G.; and Selianin, E. P.  
Structure of a natural focus of tularemia in a river valley. Zhur. Mikrobiol. Epidemiol. Immunobiol. #4: 27-3k, 1955.
- \* Olsuf'ev, N. G.  
Tularin from a vaccinal strain for epidutaneous application. Zhur. Mikrobiol. Epidemiol. Immunobiol. 27(9): 22-28, 1956.  
Abstr. Sov. Med. #9: 22-29 (1957).
- \* Pilipenko, V. G.; and Derevianchenko, K. I.  
Detection of *Hyalomma plumbeum* Ponz. infected with Pasteurella tularensis on *Lepus europeus*. Zhur. Mikrobiol. Epidemiol. Immunobiol. #4: 63-67, 1955.

## XXI. EPIDEMIOLOGY

### EPIDEMIC COUNTRIES

USSR

- \* Ovasapian, G. V.  
Tularemia in pregnant woman.  
*Zhur. Mikrobiol. Epidemiol. Immunobiol.* 28(2): 289, 1957.  
*Trans. Misc. Transl.* 124, 2p.
- Oz, T. V.  
Endotoxin tularemia. *Turk. Hifziss. Tescrubi B. Mecm.* 2: 191, 1940.  
*Trans.*, 2p.
- Parnas, J.; and Dombrowski, T.  
Joint investigations on natural food foci of tularemia, leptospirosis, and some other anthropozoonoses in Poland. *Arch. inst. Pasteur Tunis.* 34(3): 351-380, 1957.  
*Bull. Hyg.* 33(6): 576, 1958.
- \* Parnas, Iu.; and Lazuga, K.  
New allergens brucellin RD and tularin M. (Author's summary of thesis). *Zhur. Mikrobiol. Epidemiol. Immunobiol.* 28(2): 249-251, 1957.
- Parnas, J.; Mierzejewski, T.; Feltynowski, A.; and Lazuga, K.  
Comparative studies on properties of Pasteurella tularensis, P. multiceps, P. rodentium and Brucella brucei. *Ann. Univ. Lubin, Sec. D.* 10: 207-228, 1955.
- Pashov, T. V.  
Epidemiology of tularemia and brucellosis. *Doklady Akad. sel'khoz.* 21(12): 32-35, 1956.
- \* Pervushin, G. V.  
Changes of the nervous system in tularemia. *Neuropathol. & Psychiat.* #3: 57, 1943.
- Pilipenko, V. G.; and Poliakova, A. M.  
Possibility of simultaneous vaccination against tularemia and brucellosis. I. Indices of immunologic transformation in guinea pigs following simultaneous subcutaneous and combined vaccination against tularemia and brucellosis. *Zhur. Mikrobiol. Epidemiol. Immunobiol.* #4: 52-57, 1955.
- Pilipenko, V. G.; Poliakova, A. M.; and Shchekina, T. A.  
Possibility of simultaneous vaccination against tularemia and brucellosis. III. Indices of immunobiological changes in guinea pigs vaccinated simultaneously with tularemia and brucellosis vaccines by intradermal route. *Zhur. Mikrobiol. Epidemiol. Immunobiol.* 27(3): 79-83, 1956.
- Pilipenko, V. G.; and Poliakova, A. M. K.  
Possibilities of simultaneous vaccination against tularemia and brucellosis. II. Indices of immunologic transformation in guinea pigs following simultaneous topical vaccination against tularemia and brucellosis. *Zhur. Mikrobiol. Epidemiol. Immunobiol.* #5: 9-14, 1955.
- Piotrovskaya, S. A.  
Tularemia in children. *Pediatriya.* #6: 43-48, 1952.

## XXI. EPIDEMIOLOGY

### EPIDEMIC COUNTRIES

#### USSR

- \* Plakhova, V. B.  
Data for comparative investigation of various methods of precipitation reaction in tularemia. Zhur. Mikrobiol. Epidemiol. Immunobiol. #3: 59-61, 1954.
- Plakhova, V. B.  
Materials for a comparative description of the various methods for establishing precipitation reactions in tularemia. Zhur. Mikrobiol. Epidemiol. Immunobiol. #3: 59, 1954.
- Po, Povodu; and Shaverdova, A. S.  
Discussion on Shaverdov's article. Vestnik Venerol. i Dermatol. #4: 32-33, 1954.
- \* Pollitzer, R.  
Review of Russian papers on tularemia. N.I.H., 1958.
- Pomanskaia, L. A.  
Methods of disinfecting grain and bulky feeding stuffs infected with the causative agent of tularemia. Veterinariia. 34(8): 77-80, 1957.  
Vet. Med. #1709 (1958).
- Rabinovitch, Gregory.  
Tularemia. Sovet. Vrach. Gaz. 39: 533-544, 1935.
- Rafalowicz, A.  
Case of atypical tularemia. Polski Tygodnik Lekarski. 9: 177-179, 1954.
- Raska, K.  
Tularemia. Voj. Zdravot. Listy. 13: 162-166, 1937.
- \* Role of Amphibians in the epi-zootiology of tularemia. Rev. Microbiol. Epidemiol. Parasitol. 19(2), 1940.
- Rozowski, T.  
Seventy cases of tularemia among inhabitants of the Szczecin region. Polski Tygodnik Lekarski. 9(38): 1219-1221, 1954.  
Presse med. 64(26): 608-609, 1956.
- Rozowski, T.  
Studies on tularemia in the Szczecin district. Ann. Univ. Lubin. Sec. D. 10: 261-344, 1956.  
Excerpta Med. (VI) #5137 (1957).
- Rozowski, T.; and Bialunska-Kudrewicz, S.  
Agglutination reaction one year after recovery from tularemia. Przeglad. epidemiol. 9(2): 115-117, 1955.
- Rozowski, T.; Markowicz, J.; and Mysliwicz, H.  
Case of tularemia; unusual mode of infection and short incubation. Przeglad. Lekarski, Cracow. 11(11): 336-339, 1955.  
Excerpta Med. (VI) #5136 (1957).
- Rozowski, T.; and Markowicz, J.  
Case of tularemia with a rare localization of buboes, resembling bubonic plague. Polski Tygodnik Lekarski. 10: 1508-1509, 1955.  
Excerpta Med. (VI) #4738, 1956.

## XXI. EPIDEMIOLOGY

### EPIDEMIC COUNTRIES

#### USSR

Rozowski, T.; and Markowicz, J.  
Leukocyte picture in tularemia  
on the basis of personal observa-  
tions. *Polskie Arch. Med.* 25(6a):  
227-232, 1955.

Rozowski, T.; and Mysliwics, H.  
Tularemia of the cervical lymph  
nodes erroneously diagnosed as  
tuberculosis. *Gruzlica.* 23(10):  
733-738, 1955.

Rozowski, T.; Sojka, J.; and  
Stojalowski, K.  
Case of tularemia of a double  
clinical form; ulcerobuconic and  
anginobuconic plague. *Polski  
Tygodni, Lekarski.* 10: 1508-1509,  
1955.  
*Ibid:* 10: 1622-1625, 1955.  
*Excerpta Med. (VI) #4737 (1956).*

Hudnev, G. P.  
The clinical aspects of tula-  
remia. *Klin. Med. (USSR).*  
22(1/2): 3-14, 1944.  
*Trans. TR 14-05, 1p.*

Rudniev, G. P.  
Clinico-epidemiological peculiar-  
ties of tularemia. *Voenno-Sanit.  
Delo.* #11: 49-56, 1943.

Rudniev, G. P.  
Prophylaxis of tularemia.  
*Voenno-Sanit. Delo.* #7: 49-52,  
1942.

Rudniev, G. P.  
Tularemia. *Encikl. Slovar Voen-  
Med., Moskva.* 5: 597-611, 1946-48.

Sekundant, V. P.  
Recurrence of tularemia. *Klin.  
Med. (USSR).* 32(1): 85, 1954.

Sekundant, V. P.  
Relapse in tularemia. *Klin.  
Med. (USSR).* 32(1): 85, 1954.  
*Excerpta Med. (VI) #4596 (1955).*

Shaverdov, A. S.  
Critique of arguments presented  
by I. D. Perkel, S. P. Karlov,  
P. D. Dvizhkov, and Ia. F. zhorno  
defending inguinal lymphogranulo-  
matosis. (Nicholas-Favre disease)  
as an independent nosological  
entity. *Vestnik Venereal i  
Dermatol.* #4: 27-31, 1954.

Shevelev, A. S.  
Morphological changes in neural  
elements of the skin following  
immunization with living tula-  
remia vaccine (with summary in  
English). *Biul. eksp. biol. i  
med.* 43(1): 114-118, 1957.

\* Shipitsina, G. K.  
On the chemical compound of  
antigenic substances of the  
agent of tularemia. *Izvest.  
Akad. Nauk USSR.* 105(2):  
315-318, 1955.  
*Trans. #99, 6p.*

Shipitsina, G. K.  
Relation between chemical com-  
position of specific substances  
of the tularemia microbe and  
virulence. *Doklady Akad. Nauk  
SSSR.* 109: 365-368, 1956.

\* Sil'chenko, V. S.  
History of vaccination against  
tularemia. *Zhur. Mikrobiol.  
Epidemiol. Immunobiol.* #10:  
83-89, 1955.

## XII. EPIDEMIOLOGY

### EPIDEMIC COUNTRIES

USSR

\* Sil'chenko, V. S.

On the problem of re-vaccination during inoculation against tularemia. Zhur. Mikrobiol. Epidemiol. Immunobiol. #6: 47-50, 1953.

\* Sil'chenko, V. S.

Problem of reinoculation subsequently to tularemia vaccinations. Zhurn. Mikrobiol. Epidemiol. Immunobiol. #6: 47-50, 1953.

Sil'chenko, V. S.

Problems of tularemia in surgical practice (with summary in English). Khirurgija. 34(2): 111-116, 1958.  
Monthly Index to Russ. Acc. 11(4): 1254, 1958.

\* Silchenko, V. S.

Studies of the immunological effect of vaccination against tularemia. Zhur. Mikrobiol. Epidemiol. Immunobiol. 28: 34-37, 1957.

Silchenko, V. S.

30th anniversary of the study of tularemia in the Soviet Union. Sovet. Med. 21(3): 135-138, 1957.

Simm, K.

The problem of tularemia in Poland. Przeglad. Lekarski. Cracow. 5(15-16): 465-468, 1949.  
Excerpta Med. (IV) #1061 (1950).

Skierska, B.

Mosquitoes in the northern part of Szczecin region and their role in epidemiology of tularemia. Bull. Inst. Marine & Trop. Med. Med. Acad. Gdansk, Poland. 6: 267-275, 1956.

Skrodzki, E.; Lazaga, K.;

Sokolowska, B.; and Tworek, R.

Tularemia in Szczecin Voivodship. V. Infection of cattle with tularemia. Przeglad epidemiol. 8(3): 179-184, 1954.

Skrodzki, E.; Tomaszuas, S.; Wojcik, K.; and Hryniewicz, H.

Epidemics and epizootic outbreaks of tularemia and their causes. Bull. Inst. Marine & Trop. Med. Med. Acad. Gdansk, Poland. 6: 23-35, 1955.

Skrodzki, E.

Culture characteristics of Bacterium tularensis isolated in 1952-1953 in Poland. Bull. Inst. Marine Med. Gdansk, Poland. 8(1/2): 51-56, 1957.

Skrodzki, E.

Modern problems of tularemia. Wiadomosci lek. 9(2): 87-89, 1956.

Excerpta Med. (XVII) #2088 (1957).

Skrodzki, E.; and Lachmajer, J.

Tularemia in the Szczecin Voivodship. I. Natural foci and their epidemiological significance. Przeglad. epidemiol. 8(3): 149-158, 1954.

Skrodzki, E.; Tomaszuas, S.; and Kubanek, Z.

Laboratory diagnosis of tularemia. Przeglad Dermatol. Warszawa. 10(4): 347-355, 1956.

## XXI. EPIDEMIOLOGY

### EPIDEMIC COUNTRIES

#### USSR

Skrodzki, E.; Tomaszuas, S.; Wojcik, K.; and Hryniiewicz, H. Epidemics and epizootic outbreaks of tularemia and their causes. Bull. Inst. Marine Trop. Med. Med. Acad. Gdansk, Poland. 6: 23-25, 1955.

Skrodzki, E.; Tomaszuas, S.; Wojcik, K.; and Hryniiewicz, H. Mass bacteriological investigations of rodents in areas of endemic outbreaks of tularemia. Bull. Inst. Marine & Trop. Med. Med. Acad. Gdansk. 6: 41-44, 1955.

Skrodzki, E.; Tomaszuas, S.; Wojcik, K.; and Hryniiewicz, H. Tularemia in the Szczecin Voivodship. IV. Investigations on tularemia in the field rodents. Przeglad Epidemiol. 8(3): 173-178, 1954.

\* Slesarenko, V. V.; and Buyalo, S. G. Agglutination reaction and allergic reaction in persons revaccinated against tularemia. zhur. Mikrobiol. Epidemiol. Immunobiol. #9: 44-48, 1956. Abstr. Sov. Med. 1(1): #183 (1957).

Smirnov, S. M. Industrial epidemic of tularemia among workers of a meat canning combine. zhur. Mikrobiol. Epidemiol. Immunobiol. 27(9): 37-43, 1956.

Sorina, A. M. Case of infection of the Dermacentor pictus with tularemia. zhur. Mikrobiol. Epidemiol. Immunobiol. #4: 71-72, 1955.

Stojalowski, K. Galezowski Parinaud syndrome. Polski Tygodnik Lekarski. 9(51-52): 1611-1614, 1954.

Sviridenko, P. A. Distribution and mode of feeding of field mouse, Apodemus agrarius Pally, and its bearing on epidemics. Comp. rend. acad. sci. (USSR). 42: 96-100, 1944.

Tereshchenko, M. P. Effect of environmental factors on the susceptibility of house mice to tularemia (English summary). Zool. zhur. 35(8): 1250-1253, 1956.

Tereshchenko, M. P.; Esadzhanyan, M. M.; Miroshnichenko, M. A.; Vartanyan, A. A.; and Ovsanyan, O. V.

Epidemiological importance of sheep in tularemia. zhur. Mikrobiol. Epidemiol. Immunobiol. 27(9): 34-36, 1956. Vet. Bull. #388 (1957).

\* Tsvetkova, E. M. Mechanisms of the therapeutic action of streptomycin in experimental tularemia in guinea pigs. (Russian). Trans. MT 2690, 8p.

\* Tularemia (1944-46). Excerpts from the published literature on the development of NIIEG vaccines. TIGO-5954 55-INT-397, 1936-46. Trans. #41, 7p.

\* Tularemia in USSR. Monthly Epidemiol. Rept. Health Sect. League of Nations. 8: 129-130, 1929. Bull. Hyg. 4: 871, 1929.

## XXI. EPIDEMIOLOGY

### EPIDEMIC COUNTRIES

#### USSR

Tumanskiy, V. M.; and Kolesnikova, Z. I.

Diagnosis of tularemia in wild rodents by means of intracutaneous allergic reaction. Vestnik Mikrobiol. Epidemiol. Parasitol. 15: 322-324, 1936.

Uglovoy, G. P.

Use of Russian streptomycin in ulcerative-bubonic form of human tularemia. Klin. Med. (USSR). 30: 30-32, 1952.

\* Vashkov, V. I.; and Pronina, E. V. Basic measures on the prevention of tularemia and trends of work of anti-tularemia stations. zhur. Mikrobiol. Epidemiol. Immunobiol. #1: 92-97, 1954.

Vereninova, N. K.; Denisenko, L. K.; and Kontorina, A. A.

Comparative study of efficiency of vaccines in tularemia. zhur. Mikrobiol. Epidemiol. Immunobiol. #7-8: 32-35, 1943. Biol. Abstr. #8554 (1946).

Vershilova, P. A.; Olsufev, N. G.; and Varfolomeeva, A. A.

Contagious diseases transmitted by animals to man (brucellosis, tularemia, leptospirosis). Moskva, Izd-vo "Ananie", 1955. 31p. Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, #18.

Vignati, J.; and Santavy, F.

Blood glutathione level in tularemia. Casopis Lekaru Ceskych. 88: 270-271, 1949. Chem. Abstr. #13032 (1954).

\* Vlasova, E. V.; Moshenkova, N. P.; and Matveev, K. I.

Effect of streptomycin in experimental tularemia; therapeutic action of streptomycin in initial and intracutaneously infected animals; spreading of microorganisms in organisms of treated and non-treated animals. zhur. Mikrobiol. Epidemiol. Immunobiol. 27(9): 28-34, 1956.

Wolpert, A.

Tularemia. Vestnik Mikrobiol. Epidemiol. Parazitol. 14: 183, 1935.

Wysocka, F.

Studies on epidemiology of tularemia in the Szczecin district. Ann. Univ. Mariae Curie-Sklodowska, Lubin. Sec. D. 10: 229-260, 1955. Bull. Hyg. 32(5): 438, 1957.

Wysocka, F.

Tularemia in Szczecin Voivodship. III. Retrospective epidemiological investigation. Przeglad epidemiol. 8(3): 167-172, 1954.

Yudenich, V. A.

Distribution of the tularemia organism in the body of the immune and non-immune animal. zhur. Mikrobiol. Epidemiol. Immunobiol. #5: 14-20, 1956. Excerpta Med. (IV) #2122 (1957).

\* Zarkhi, G. I.

Tularemia among water rats; methods of studying them. Gigiena i epidemiol. 9: 40-45, 1930. Zentr. Bakteriol. Parasitenk. Abt. I. Orig. 117: 367-376, 1930. Bull. Hyg. 5: 875, 1930.

## XXI. EPIDEMIOLOGY

### EPIDEMIC COUNTRIES

USSR

- Zarkhi, G. I.  
Tularemia in the Obdorsk region  
of Siberia in 1928. Mikrobiol.  
zhur. 8: 249-261, 1929.
- Zeiss, H.  
Occurrence of tularemia in  
Russia; statistica and review of  
literature for 1928-31. Arch.  
Schiffs. u. Tropen-hyg. 36:  
344-350, 1932.
- Zeiss, H.  
Plague-like inflammations of  
lymphatic glands in Russia during  
1876-79 and their relation to  
tularemia prevalent in Soviet  
Russia during 1921-28. Arch.  
Hyg. Bakteriol. 105: 210-228, 1931.
- Zeiss, H.  
Plague resembling tularemia in  
Oka and Ural districts of Russia.  
Munch. med. Wochschr. 76:  
1342-1344, 1929.
- Zembrzuski, K.  
Forty-two tularemia cases.  
Polski Arch. Med. Wewnet. 25(2):  
377-386, 1955.  
Excerpta Med. (VI) #7132 (1956).
- Zembrzuski, K.  
Pharyngo-bubonic form of tula-  
remia. Otolar. polska. 8(4):  
279-288, 1954.

### MISCELLANEOUS COUNTRIES

- Bardelli, Plinio.  
Note sulla tularemia. "La Clin.  
vet." 16, 1938.
- Bezjak, B.; Bezjak, V.; Fanjek, J.;  
and Zimolo, A.  
Tularaemia in Croatia in 1954.  
Radovi. 3: 173-187, 1955.  
Excerpta Med. (VI) #4736 (1956).
- Bychkov, V.; and Berdnikov, P.  
The tularaemia in the village of  
Ust-Jurdum of the Sorotoff's  
region and its epidemiology. Rev.  
Microbiol. Epidemiol. et Parasitol.  
14(3): 255-260, 1935.
- Carlberg, B.  
Discussion of tularemia and of  
epidemic in Lindesbergstrakten.  
Svenska Lakartidn. 29: 577-588,  
1932.
- \* Dozent, Bernhard S.  
Der Einbruch der Tularemie in  
Europa. Zeit. Hyg. Infektions-  
krankh. 127: 139-150, 1948.
- Francis, Edward.  
Tularemia in Kolli-Kraus-  
Uhlenhuth. Handb. pathog.  
mikroorg. III. Aufl. VI:  
207-242, 1928.

## XXI. EPIDEMIOLOGY

### EPIDEMIC COUNTRIES

### MISCELLANEOUS COUNTRIES

- Fras, A.  
Tularemia in hares in Yugoslavia.  
Vet. Glasn. 8: 772-774, 1954.  
Vet. Bull. #2309 (1955).
- Fust, B.  
Tularemia; a new disease in  
Central Europe. Schweiz. med.  
Wochschr. 67: 733-736, 1937.
- Girard, G.  
Tularemia. I. Epidemiology.  
Rev. med. Moyen Orient. 8: 33-34,  
1951.
- Gronroos, B.  
First case of tularemia in  
Finland. Duodecim. 55: 749-751,  
1939.
- \* Hemmes, G. D.  
Tularaemia in Horn. Ned.  
Tijdschr. Geneesk. 97: 990-992,  
1953.  
Bull. Hyg. 28: 626, 1953.
- \* Jusatz, H. J.  
The second report on the spread  
of tularemia to mid and western  
Europe. An examination of the  
rise of infection during the last  
decade and an epidemiological  
prognosis. zeit. Hyg. Infektions-  
krankh. 134: 350-374, 1952.  
Bull. Hyg. 28: 113, 1953.
- \* Korth, W.  
Serological and bacteriological  
results during a tularemia epi-  
demic in the East. Zentr.  
Bakteriol. Parasitenk. Abt. I.  
Orig. 151(?): 394 399, 1944.  
Biol. Abstr. #14796 (1947).
- \* Jusatz, H. J.  
The spread of tularemia in  
Central Europe; causes and  
epidemiologic prognosis; geo-  
medical study. zeit. Hyg.  
Infektionskrankh. 122: 352-376,  
1939.  
Bull. Hyg. 15: 556-557, 1940.
- Lassen, H. K.  
Investigations on possible  
occurrence of tularemia in  
Denmark. Ugeskrift Laeger.  
94: 637-638, 1932.
- Mihaljevic, F.  
Tularemia in Croatia. Higijena.  
6(2): 129-150, 1954.  
Excerpta Med. (XVII) #3741 (1955).  
Ibid: (VI) #5917 (1955).
- \* Mochmann, H.  
Tularemiefalle im Raume  
Mecklenburg in den Jahren 1952  
bis 1955. zentr. Bakteriol.  
Parasitenk. Abt. I. Orig.  
164(1-5): 106-109, 1955.
- Olitzki, A. L.  
Reviews on infectious diseases  
in Israel and the Near East;  
tularemia. Acta Med. Orient.  
11: 206-207, 1952.
- Ota, T.  
Bacteriological and serological  
survey on tularemia cases found  
in Chiba prefecture in 1949.  
Kitasato Arch. Exptl. Med. 23(1):  
37, 1950.

XXI. EPIDEMIOLOGY  
EPIDEMIC COUNTRIES  
MISCELLANEOUS COUNTRIES

Puntigam, F.

Epidemiologische Betrachtungen  
zur Hanfund von Tularemieer-  
krankungen in winter, 1945-46 im  
Bezirk Mistelbach. Wien. klin.  
Wochschr. 58: 179, 1946.

Regge, A.; and Meier, M.

Tularemie in Reservelazarett.  
zeit. arztl. Fortbild. 41:  
309-316, 1944.

\* Schmidt, B.

The irruption of tularemia into  
Europe. zeit. Hyg. Infektions-  
krankh. 127(1-2): 139-150, 1947.

Schmidt, H. W.

Development of tularemia in  
Europe. zentr. allgem. Pathol.  
87: 180-184, 1951.

Schmidt, Hans Walter.

Significance of tularemia in  
Europe today. Tierarztl.  
Rundschau, p.489-492, 1941.  
J. Vet. Med. 69: 360, 1942.

Sievers, O.

Symptoms of tularemia and its  
possible occurrence in Finland.  
Finska Lak-Sallsk Handl. 75:  
800-818, 1933.

Silva, M., de.

Pasteurella pestis; infecçao  
pestosa nos reedores e em outros  
animais; peste e tularemia.  
Folha Med. 23: 4-11, 1942.

La tularemie est-elle un danger  
pour l'Europe Med. Hyg. (Geneva).  
50(96): 119-120, 1947.

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