BIBLIOGRAPHY ON TISSUE CULTURES:
INVERTEBRATES AND COLD-BLOODED CHORDATES

Mary Shipp Watson
James H. Gilford

AUGUST 1967

DEPARTMENT OF THE ARMY
Fort Detrick
Frederick, Maryland

This document has been approved for public release and sale; its distribution is unlimited.
MISCELLANEOUS PUBLICATION 10
Supplement I

BIBLIOGRAPHY ON TISSUE CULTURES:
INVERTEBRATES AND COLD-BLOODED CHORDATES

Mary Shipp Watson

James H. Gilford

Technical Information Division
AEROBIOLOGY AND EVALUATION LABORATORY
and
Entomology Division
BIOLOGICAL SCIENCE LABORATORY

Project 1C522301A059 August 1967
Reproduction of this publication in whole or in part is prohibited except with permission of the Commanding Officer, Fort Detrick, ATTN: Technical Releases Branch, Technical Information Division, Fort Detrick, Frederick, Maryland, 21701. However, DDC is authorized to reproduce the publication for United States Government purposes.

**DDC AVAILABILITY NOTICE**

Distribution of this publication is unlimited; it has been cleared for release to the general public. Non-DOD agencies may purchase this publication from Clearinghouse, ATTN: Storage and Dissemination Section, Springfield, Virginia, 22151.

**DISPOSITION INSTRUCTIONS**

Destroy this publication when it is no longer needed. Do not return it to the originator.
FOREWORD

This bibliography is a supplement to Miscellaneous Publication 10, Fort Detrick, Frederick, Maryland entitled "Bibliography on Tissue Cultures: Invertebrates and Cold-Blooded Chordates," which was compiled as a result of increased interest and emphasis on the in vitro cultivation of tissues of invertebrates and poikilothermic chordates. Efforts have been concentrated on literature published since 1964, but reference to earlier works not appearing in the original bibliography have been included for those interested in the historical development of invertebrate tissue cultures. Listings are grouped into Phyla, further into Class and Order where appropriate. Articles are arranged alphabetically by senior author within each grouping. No articles appear in more than one division.

ABSTRACT

This volume contains a bibliographic listing of 151 literature references concerning tissue culture studies of invertebrates and cold-blooded chordates. A complete author index is included.
## CONTENTS

**Foreword** ............................................................ 2
**Abstract** .................................................................... 2

**PHYLUM ACANTHOCEPHALA** ....................................... 5

**PHYLUM ANNELIDA** .................................................. 5

**PHYLUM ARTHROPODA** ............................................. 5
  Class Crustacea .......................................................... 5
  Class Arachnida .......................................................... 5
  Class Insecta ................................................................ 5
    Order Orthoptera .................................................... 5
    Order Anoplura ....................................................... 6
    Order Hemiptera ...................................................... 6
    Order Homoptera ...................................................... 7
    Order Lepidoptera ................................................... 7
    Order Diptera .......................................................... 10

**PHYLUM MOLLUSCA** .................................................. 12
  Class Gastropoda ....................................................... 12
  Class Pelecypoda ....................................................... 12

**PHYLUM ECHINODERMATA** ....................................... 13
  Class Asteroidea ...................................................... 13

**PHYLUM CHORDATA** ................................................ 13
  Subphylum Tunicata .................................................. 13
    Class Asciidiacea .................................................... 13
  Subphylum Vertebrata ............................................... 13
    Class Agnatha ........................................................ 13
    Class Amphibia ...................................................... 15
    Class Reptilia ........................................................ 19

**Author Index** ................................................................ 21
**Distribution List** ..................................................... 25
BIBLIOGRAPHIC LISTING

PHYLUM ACANTHOCEPHALA

1

PHYLUM ANNELIDA

2

3

PHYLUM ARTHROPODA

CLASS CRUSTACEA

4

CLASS ARACHNIDA

5

CLASS INSECTA

Order Orthoptera

6


Order Anoplura


Order Hemiptera

Order Homoptera


Order Lepidoptera


39  
Morris, O.N. 1966. RNA changes in insect tissue infected with a nuclear polyhedrosis-virus. J. Invertebrate Pathol. 8:35-37.

40  

41  

42  

43  

44  
Suitor, E.C., Jr.; Huang, S.S. 1965. Study on the prothoracic gland of the moth of Philosamia cynthia pryeri (Saturnidae:Lepidoptera). Presented at the 12th Regional Meeting of the Formosa Medical Association at Taiwan, 1 May 1965.

45  

46  
Trager, W. 1937. The hatching spores of Nasema bombycis (Nageli) and the partial development of the organism in tissue culture. J. Parasitol. 23:226-227.

47  

48  

49  
50

51

52

Order Diptera

53

54

55

56

57

58

59

60


**PHYLUM MOLLUSCA**

**CLASS GASTROPODA**


**CLASS PELECYPODA**


PHYLUM ECHINODERMATA

CLASS ASTEROIDEA

80

81

PHYLUM CHORDATA

SUBPHYLUM TUNICATA

CLASS ASCIDIACEA

82

83

SUBPHYLUM VERTEBRATA

CLASS AGNATHA

84

85

86


CLASS AMPHIBIA


119

120

121

122

123

124

125

126

127

128

129


CLASS REPTILIA


**BIBLIOGRAPHY ON TISSUE CULTURES: INVERTEBRATES AND COLD-BLOODED CHORDATES**

This volume contains a bibliographic listing of 151 literature references concerning tissue culture studies of invertebrates and cold-blooded chordates. A complete author index is included.

14. **Key Words**

- *Bibliographies*
- *Tissue Cultures*
- *Invertebrates*
- *Mammals*
- *Poikilothermic*