

## List Of Virology Journals

The seminal text *Plant Virology* is now in its fifth edition. It has been 10 years since the publication of the fourth edition, during which there has been an explosion of conceptual and factual advances. The fifth edition of *Plant Virology* updates and revises many details of the previous edition while retaining the important earlier results that constitute the field's conceptual foundation. Revamped art, along with fully updated references and increased focus on molecular biology, transgenic resistance, aphid transmission, and new, cutting-edge topics, bring the volume up to date and maintain its value as an essential reference for researchers and students in the field. Thumbnail sketches of each genera and family groups  
Genome maps of all genera for which they are known  
Genetic engineered resistance strategies for virus disease control  
Latest understanding of virus interactions with plants, including gene silencing  
Interactions between viruses and insect, fungal, and nematode vectors  
Contains over 300 full-color illustrations

"Based on the author's experiences teaching virology for more than 35 years, *Virology: Molecular Biology and Pathogenesis* enables readers to develop a deep understanding of fundamental virology by emphasizing principles and discussing viruses in the context of virus families. Moreover, individual virus families are examined within the context of the Baltimore classification system, a key unifying theme that allows readers to assume basic facts about the replication strategy of a virus based on the nature of its genome."--BOOK JACKET.

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The practical need to partition the world of viruses into distinguishable, universally agreed upon entities is the ultimate justification for developing a virus classification system. Since 1971, the International Committee on Taxonomy of Viruses (ICTV) operating on behalf of the world community of virologists has taken on the task of developing a single, universal taxonomic scheme for all viruses infecting animals (vertebrate, invertebrates, and protozoa), plants (higher plants and algae), fungi, bacteria, and archaea. The current report builds on the accumulated taxonomic construction of the eight previous reports dating back to 1971 and records the proceedings of the Committee since publication of the last report in 2005. Representing the work of more than 500 virologists worldwide, this report is the authoritative reference for virus organization, distinction, and structure.

A practical and evidence-based guide for student, pre-registration and qualified pharmacists *Symptoms in the Pharmacy* is an indispensable guide to the management of common symptoms seen in the pharmacy. With advice from an author team that includes both pharmacists and GPs, the book covers ailments which will be encountered in the pharmacy on a daily basis. Now in its sixth edition *Symptoms in the Pharmacy* has been fully revised to reflect the latest evidence and availability of new medicines. There are new sections and case studies for 'POM' to 'P' switches including chloramphenicol, sumatriptan, diclofenac, naproxen and amorolfine. This edition features colour photographs of skin conditions for the first time enabling the differentiation and diagnosis of

common complaints. The public health and illness prevention content have been expanded to support this increasingly important aspect of the pharmacist's work. The book is designed for quick and easy reference with separate chapters for each ailment. Each chapter incorporates a decision-making framework in which the information necessary for treatment and suggestions on 'when to refer' is distilled into helpful summary boxes. At the end of each chapter there are example case studies providing the view of pharmacists, doctors and patients for most conditions covered. These easy-to-follow chapters can be read cover to cover or turned to for quick reference. This useful guide should be kept close at hand for frequent consultation.

Bird Flu

Discoverers and Discoveries, Inventors and Inventions, Developers and Technologies

Global Virology III: Virology in the 21st Century

Viral Nanotechnology

Antiviral Drug Discovery and Development

**The author explores the underlying conditions that would create a bird flu pandemic, examines the ways in which the public can protect themselves and their families, and describes what can be done to reduce the likelihood of spreading this disease.**

**This book summarizes state-of-the-art antiviral drug design and discovery approaches starting from natural products to de novo design, and provides a timely update on recently approved antiviral drugs and compounds in advanced clinical development.**

**Special attention is paid to viral infections with a high**

impact on the world population or highly relevant from the public health perspective (HIV, hepatitis C, influenza virus, etc.). In these chapters, limitations associated with adverse effects and emergence of drug resistance are discussed in detail. In addition to classical antiviral strategies, chapters will be dedicated to discuss the non-classical drug development strategies to block viral infection, for instance, allosteric inhibitors, covalent antiviral agents, or antiviral compounds targeting protein-protein interactions. Finally, current prospects for producing broad-spectrum antiviral inhibitors will be also addressed. The book is distinctive in providing the most recent update in the rapidly evolving field of antiviral therapeutics. Authoritative reviews are written by international scientists well known for their contributions in their topics of research, which makes this book suitable for researchers not only within the antiviral research community but also attractive to a broad audience in the drug discovery field. This book covers molecular structures and biochemical mechanisms mediating the antiviral effects, while discussing various ligand design strategies, which include traditional medicinal chemistry, computational chemistry, and chemical biology approaches. The book provides a comprehensive review of antiviral drug discovery and development approaches, particularly focusing on current innovations and future trends.

Viruses interact with host cells in ways that uniquely reveal a great deal about general aspects of molecular and cellular structure and function. *Molecular and Cellular Biology of Viruses* leads students on an exploration of viruses by supporting engaging and interactive learning. All the major classes of viruses are covered, with separate chapters for their replication and expression strategies, and chapters for mechanisms such as attachment that are independent of the virus genome type. Specific cases drawn from primary literature foster student engagement. End-of-chapter questions focus on analysis and interpretation with answers being given on the website (half for students, all for instructors). Examples come from the most-studied and medically important viruses such as HIV, influenza, and poliovirus. Plant viruses and bacteriophages are also included. There are chapters on the overall effect of viral infection on the host cell. Coverage of the immune system is focused on the interplay between host defenses and viruses, with a separate chapter on medical applications such as anti-viral drugs and vaccine development. The final chapter is on virus diversity and evolution, incorporating contemporary insights from metagenomic research. Key selling feature: Readable but rigorous coverage of the molecular and cellular biology of viruses. Molecular mechanisms of all major groups, including plant

viruses and bacteriophages, illustrated by example  
Host-pathogen interactions at the cellular and  
molecular level emphasized throughout Medical  
implications and consequences included Quality  
illustrations available to instructors Extensive  
questions and answers for each chapter  
The 2019 MPDI Writing Prize invited early stage  
researchers who are not native English speakers to  
write on the subject of "how research should be  
evaluated and how researchers should be  
rewarded". Six prizes were awarded, however there  
were many more entries. This book collates many of  
those entries and contains inspiring, thought-  
provoking and original viewpoints of open science  
through the eyes of those conducting research on a  
daily basis.

Aquaculture Virology

Carbohydrate Bioengineering

Marek's Disease

Applied Plant Virology

2021 3rd International Conference on Natural  
Language Processing (ICNLP)

Issues for 1977-1979 include also Special List journals being  
indexed in cooperation with other institutions. Citations from  
these journals appear in other MEDLARS bibliographies and  
in MEDLING, but not in Index medicus.

Fenner and White's Medical Virology, Fifth Edition provides  
an integrated view of related sciences, from cell biology, to  
medical epidemiology and human social behavior. The  
perspective represented by this book, that of medical virology

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as an infectious disease science, is meant to provide a starting point, an anchor, for those who must relate the subject to clinical practice, public health practice, scholarly research, and other endeavors. The book presents detailed exposition on the properties of viruses, how viruses replicate, and how viruses cause disease. These chapters are then followed by an overview of the principles of diagnosis, epidemiology, and how virus infections can be controlled. The first section concludes with a discussion on emergence and attempts to predict the next major public health challenges. These form a guide for delving into the specific diseases of interest to the reader as described in Part II. This lucid and concise, yet comprehensive, text is admirably suited to the needs of not only advanced students of science and medicine, but also postgraduate students, teachers, and research workers in all areas of virology. Features updated and expanded coverage of pathogenesis and immunity Contains the latest laboratory diagnostic methods Provides insights into clinical features of human viral disease, vaccines, chemotherapy, epidemiology, and control

**Virus Structure** covers the full spectrum of modern structural virology. Its goal is to describe the means for defining moderate to high resolution structures and the basic principles that have emerged from these studies. Among the topics covered are Hybrid Vigor, Structural Folds of Viral Proteins, Virus Particle Dynamics, Viral Genome Organization, Enveloped Viruses and Large Viruses. Covers viral assembly using heterologous expression systems and cell extracts Discusses molecular mechanisms in bacteriophage T7 procapsid assembly, maturation and DNA containment Includes information on structural studies on antibody/virus complexes

**Viral Nanotechnology** presents an up-to-date overview of the rapidly developing field of viral nanotechnology in the areas of

immunology, virology, microbiology, chemistry, physics, and mathematical modeling. Its chapters are by leading researchers and practitioners, making it both a comprehensive and indispensable resource for study and research. The field of viral nanotechnology is new and quickly expanding due to increasing demand of the applications already developed. The editors identify viral nanotechnology as a significant science that concerns itself with how to use the molecular modules that the distinctly different science of molecular engineering only constructs. The current potential applications of viral technology are manifold, with opportunities to revolutionize practices in photonics, catalysis, electronics, energy, biomedicine, health care, and public health. This book emphasizes using viral nanotechnology to improve health. A special emphasis is placed upon using viral nanotechnology for developing vaccines. In addition, it documents viral nanotechnology 's use as a powerful tool for developing drugs and genetic therapies. There is also great potential in its use as a means for diagnostics, including the development of diagnostic reagents and novel imaging technologies for detecting disease and infectious agents. Viral nanotechnology 's rapid and exciting growth is due to the need for new tools in the prevention, diagnosis, and treatment of disease. The contributors to this volume approach each chapter with the hope that their research and practices will contribute to an improvement in health and life on an unprecedented scale in human history.

Interdisciplinary Approaches

A Guide to the Management of Common Illness

An Evolving Problem

Virus Taxonomy

Classification and Nomenclature of Viruses

Green plants and photosynthetic

organisms are the Earth's natural photoconverters of solar energy. In future, biomass and bioenergy will become increasingly significant energy sources, making a contribution both to carbon dioxide abatement and to the security, diversity and sustainability of global energy supplies. In this book, experts provide a series of authoritative chapters on the intricate mechanisms of photosynthesis and the potential for using and improving photosynthetic organisms, plants and trees to sequester carbon dioxide and to provide fuel and useful chemicals for the benefit of man.

Contents:Photosynthesis and Photoconversion (J Barber & M D Archer)Light Absorption and Harvesting (A Holzwarth)Electron Transfer in Photosynthesis (W Leibl & P Mathis)Photosynthetic Carbon Assimilation (G E Edwards & D A Walker)Regulation of Photosynthesis in Higher Plants (D Godde & J F Bornman)The Role of Aquatic Photosynthesis in Solar Energy Conversion: A Geoevolutionary Perspective (P G Falkowski, R Geider &

J A Raven) Useful Products from Algal Photosynthesis (R Martinez & Z Dubinsky) Hydrogen Production by Photosynthetic Microorganisms (V A Boichenko, E Greenbaum & M Seibert) Photoconversion and Energy Crops (M J Bullard) The Production of Biofuels by Thermal Chemical Processing of Biomass (A V Bridgwater & K Maniatis) Photosynthesis and the Global Carbon Cycle (D Schimel) Management of Terrestrial Vegetation to Mitigate Climate Change (R Tipper & R Carr) Biotechnology: Its Impact and Future Prospects (D J Murphy) Readership: Biologists, biochemists, plant scientists, environmentalists and ecologists.

Molecular Virology of Human Pathogenic Viruses presents robust coverage of the key principles of molecular virology while emphasizing virus family structure and providing key context points for topical advances in the field. The book is organized in a logical manner to aid in student discoverability and comprehension and is based on the author's more than 20 years of teaching experience. Each

chapter will describe the viral life cycle covering the order of classification, virion and genome structure, viral proteins, life cycle, and the effect on host and an emphasis on virus-host interaction is conveyed throughout the text. Molecular Virology of Human Pathogenic Viruses provides essential information for students and professionals in virology, molecular biology, microbiology, infectious disease, and immunology and contains outstanding features such as study questions and recommended journal articles with perspectives at the end of each chapter to assist students with scientific inquiries and in reading primary literature. Presents viruses within their family structure Contains recommended journal articles with perspectives to put primary literature in context Includes integrated recommended reading references within each chapter Provides access to online ancillary package inclusive of annotated PowerPoint images, instructor's manual, study guide, and test bank

Applied Plant Virology: Advances,

Detection, and Antiviral Strategies provides an overview on recent developments and applications in the field of plant virology. The book begins with an introduction to important advances in plant virology, but then covers topics including techniques for assay detection and the diagnosis of plant viruses, the purification, isolation and characterization of plant viruses, the architecture of plant viruses, the replication of plant viruses, the physiology of virus-infected hosts, vectors of plant viruses, and the nomenclature and classification of plants. The book also discusses defense strategies by utilizing antiviral agents and management strategies of virus and viroid diseases. With contributions from an international collection of experts, this book presents a practical resource for plant virologists, plant pathologists, horticulturalists, agronomists, biotechnologists, academics and researchers interested in up-to-date technologies and information that advance the field of plant virology.

Covers the detection, control and management of plant viruses Discusses antiviral strategies, along with mechanisms of systemic induced resistance to enhance the defense of plants against viruses Provides contributory chapters from expert plant virologists from different parts of the world

Major developments have taken shape in the ten years since the publication of *Plant Virology, Second Edition*. This Third Edition of the leading comprehensive text and reference for the field contains more than sixty percent new material, including applications and results of gene manipulation techniques. As with the first and second editions, this volume covers all aspects of plant virology, from molecular to ecological. *Plant Virology, Third Edition*, is intended for graduate students, researchers, and teachers in plant virology, plant pathology, general virology, and microbiology, and scientists in related areas of molecular biology, biochemistry, plant physiology, and entomology.

## Molecular to Global Photosynthesis

The 2019 MDPI Writing Prize

African Swine Fever

List of Journals Indexed in Index

Medicus

Molecular Virology of Human Pathogenic  
Viruses Academic Press

The field of oral microbiology has seen fundamental conceptual changes in recent years. Microbial communities are now seen as the fundamental etiological agent in oral diseases through their interface with host inflammatory responses. Study of structured microbial communities has increased our understanding of the roles of each member in the pathogenesis of oral diseases, principles that apply to both periodontitis and dental caries. Against this backdrop, the third edition of *Oral Microbiology and Immunology* has been substantially expanded and rewritten by an international team of authors and editors. Featured in the current edition are: links between oral infections and systemic disease revised and updated overview of the role of the immune system in oral infections thorough discussions of biofilm development and control more extensive illustrations and Key Points for student understanding Graduate students, researchers, and clinicians as well as students will find this new edition valuable in study and practice. The field of oral microbiology has seen fundamental

conceptual changes in recent years. Microbial communities are now seen as the fundamental etiological agent in oral diseases through their interface with host inflammatory responses. Study of structured microbial communities has increased our understanding of the roles of each member in the pathogenesis of oral diseases, principles that apply to both periodontitis and dental caries. Against this backdrop, the third edition of *Oral Microbiology and Immunology* has been substantially expanded and rewritten by an international team of authors and editors. Featured in the current edition are: links between oral infections and systemic disease revised and updated overview of the role of the immune system in oral infections thorough discussions of biofilm development and control more extensive illustrations and Key Points for student understanding Graduate students, researchers, and clinicians as well as students will find this new edition valuable in study and practice.

Marek's disease is a form of cancer of poultry caused by an important herpesvirus (MDV). It continues to be a threat to poultry health and welfare and worldwide losses are estimated to be US\$ 1 billion annually.

*Marek's Disease* provides a timely review of the problems of Marek's disease with descriptions of the complex viral life cycle, how MDV targets different types of white blood cells, and details of the virus structure, its genes and proteins. The

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multiplicity of factors contributing to susceptibility is explored in detail  
Vaccination - the problems arising from current vaccination strategies and how these can be improved and made sustainable in future  
The lessons learned in the control of MD over the past 30 years, and how we can use MD as a model for other animal and human diseases is discussed

The second edition of Virology is an accessible introduction designed to enable students to understand the principles of virus structure, replication and genetics. The aim of this book is to help the reader appreciate the relevance of virology in the modern world, including the fields of vaccines, anti-viral drugs and cancer. There is also a chapter on prions. The second edition has been extensively revised and updated to reflect the many developments in virology and offers deeper insights into the subject. Newly-discovered viruses are discussed and there is an additional chapter on the influenza virus.

Fenner's Veterinary Virology

List of Journals Indexed for MEDLINE

Current Protocols in Molecular Biology

EMBASE List of Journals Indexed

Virus Structure

Virology is a clear and accessible introduction to this fast moving field, providing a comprehensive resource enabling students to understand the key concepts surrounding this exciting subject. The authors have produced a text that stimulates and encourages the student through the extensive

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use of clear, colour-coded diagrams. Taking a modern approach to the subject, the relevance of virology to everyday life is clearly emphasised and discussion on emerging viruses, cancer, vaccines, anti-viral drugs gene vectors and pesticides is included. This title: Provides an introduction to the theories behind the origins of viruses and how they are evolving with discussion on emerging viruses Includes numerous diagrams with standard colour coding for different types of molecule such as DNA, messenger RNA, other virus RNA's proteins - all diagrams are carefully developed and clearly labelled to enhance student understanding Features self-contained descriptions of the complete replication cycles of a selection of viruses Introduces the relevance of virology to the modern world including the latest developments in the field - HIV, Foot and Mouth disease, Ebola, SARS and MMR Presents summary boxes, further reading and an associated website to include the latest developments Virology is an essential textbook for all undergraduate students of biology, microbiology and biomedical sciences taking courses in virology. It is also an invaluable resource for MSc level students who have previously done little or no virology and are looking for an accessible introduction to the subject. Practical text provides quick access to key diagnostic features of each virus encountered in clinical practice and their management.

The Molecular Biology of Viruses is a collection of manuscripts presented at the Third Annual International Symposium of the Molecular Biology of Viruses, held in the University of Alberta, Canada on June 27-30, 1966, sponsored by the Faculty of Medicine of the University of Alberta. This book is organized into eight parts encompassing 36 chapters that emphasize the biosynthetic steps involved in polymer duplication. The first two parts explore the specialized processes of the cycle of virulent and temperate

bacteriophage multiplication. These parts also deal with the production, regulation of development, and selectivity of these bacteriophages. The subsequent two parts look into the heterozygosity, mutation, structure, function, and mode of infection of single-stranded DNA and RNA bacteriophages. The discussions then shift to the biological and physicochemical aspects, biosynthesis, translation, genetics, and replication of mammalian DNA and RNA viruses. The concluding parts describe the homology, interaction, functions, mechanism of transformation, metabolism, and carcinogenic activity of oncogenic viruses. This book is of great benefit to biochemists, biophysicists, geneticists, microbiologists, and virologists.

A profusely illustrated history of one of the hottest medical/biological sciences of all: virology – personalized in crediting the people who began the science concerned with invisible mysterious disease agents, and continuing to cite those who are still unraveling the nature of many of the most important pathogens of today.

Molecular Biology and Pathogenesis

The Molecular Biology of Viruses

Fenner and White's Medical Virology

Fields Virology: Emerging Viruses

Symptoms in the Pharmacy

**Global Virology, Volume III: Virology in the 21st Century examines work that has been undertaken, or is planned, in several fields of virology, in an effort to promote current and future work, research, and health. Fields and methods addressed include virology, immunology, space research, astrovirology/astrobiology, plasmids, swarm intelligence, bioinformatics, data-mining, machine learning, neural networks, critical equations, and advances in biohazard biocontainment. Novel and forward-looking methods, techniques, and approaches**

in research and development are presented by experts in the field.

**Fenner's Veterinary, Virology, Fourth Edition, is the long awaited new edition of Veterinary Virology, 3e, which was published in 1999. Fully revised and updated by the new author team, part I presents the fundamental principles of virology related to animal infection and disease, and part II addresses the clinical features, pathogenesis, diagnosis, epidemiology and prevention of individual diseases. New to this Edition New author team - one main author to ensure that the book reads like an authored book but with the benefit of using experts to contribute to specific topics Text has been refocused - part I has been condensed and where appropriate incorporated into part II to make it more user friendly The number of figures have been increased and are now in full color Fully revised and updated to include the latest information in the field of veterinary virology Beautifully illustrated color figures throughout Organized and current information provided by an expert team of authors**

**The domestication of grapes dates back five thousand years ago and has spread to nearly all continents. In recent years, grape acreage has increased dramatically in new regions, including the United States of America, Chile, Asia (China and India), and Turkey. A major limiting factor to the sustained production of premium grapes and wines is infections by viruses. The advent of powerful molecular and metagenomics technologies, such as molecular cloning and next generation sequencing, allowed the discovery of new viruses from grapes. To date, grapevine is susceptible to 64 viruses that belong to highly diverse taxonomic groups. The most damaging diseases include: (1) infectious**

degeneration; (2) leafroll disease complex; and (3) rugose wood complex. Recently, two new disease syndromes have been recognized: Syrah decline and red blotch. Losses due to fanleaf degeneration are estimated at \$1 billion annually in France alone. Other diseases including leafroll, rugose wood, Syrah decline and red blotch can result in total crop loss several years post-infection. This situation is further exacerbated by mixed infections with multiple viruses and other biotic as well as adverse abiotic environmental conditions, such as drought and winter damage, causing even greater destruction. The book builds upon the last handbook (written over twenty years ago) on the part of diagnostics and extensively expands its scope by inclusion of molecular biology aspects of select viruses that are widespread and economically most important. This includes most current information on the biology, transmission, genome replication, transcription, subcellular localization, as well as virus-host interactions. It also touches on several novel areas of scientific inquiry. It also contains suggested directions for future research in the field of grapevine virology.

Completely updated for 2017, *Fundamentals of HIV Medicine* is a comprehensive clinical care publication for the treatment of HIV/AIDS. Published by the American Academy of HIV Medicine, the book offers physicians, pharmacists, nurse practitioners, and other care providers the most up-to-date overview of the latest HIV treatments and guidelines. Embodying the AAHIVM's commitment to promoting uniform excellence in care of seropositive patients, *Fundamentals of HIV Medicine 2017* empowers health professionals to deliver standardized, life-sustaining treatment to the patients who need it most. It will serve as an essential clinical

reference and provide valuable career enrichment to users across the spectrum of HIV care, treatment, and prevention.

**Molecular and Cellular Biology of Viruses**

**Clinical and Diagnostic Virology**

**Quasispecies: Concept and Implications for Virology**

**Molecular Virology of Human Pathogenic Viruses**

**Oral Microbiology and Immunology**

*Continuous genetic variation and selection of virus subpopulations in the course of RNA virus replications are intimately related to viral disease mechanisms. The central topics of this volume are the origins of the quasispecies concept, and the implications of quasispecies dynamics for viral populations.*

*Carbohydrate bioengineering is a rapidly expanding field with many applications in medicine and industry.*

*Presenting state-of-the-art research, Carbohydrate Bioengineering: Interdisciplinary Approaches brings together international experts on many different aspects of this burgeoning topic. Coverage includes: the engineering of glycosidases for constructive purposes; structure-function studies and protein engineering of carbohydrate-active enzymes; chemo-enzymatic carbohydrate synthesis; and trends emerging from comprehensive work on genomes and glycomes. This timely publication will be welcomed by all those needing access to the latest research in the field, including practitioners in the medicinal, chemical, food and pharmaceutical areas.*

*Now in four convenient volumes, Field's Virology remains the most authoritative reference in this fast-changing field, providing definitive coverage of virology,*

*including virus biology as well as replication and medical aspects of specific virus families. This volume of Field's Virology: Emerging Viruses, 7th Edition covers recent changes in emerging viruses, providing new or extensively revised chapters that reflect these advances in this dynamic field.*

*Virology Division. International Union of Microbiological Societies.*

*Principles and Applications*

*The Foundations of Virology*

*Classification and Nomenclature of Viruses : Ninth*

*Report of the International Committee on Taxonomy of Viruses*

*Judging Research*

*Virus and Virus-like Diseases of Pome and Stone Fruits*

**Morphology Feature extraction Computational linguistics Phonetics Pragmatics Semantic Web Information retrieval**

**Written by experts in their field, Virus Structure and Assembly summarizes our current state of knowledge in the field of virus structure and assembly, comparing and contrasting the mechanisms adopted by viruses with a wide diversity of genome and host. It will serve as an invaluable reference for researchers in virology, microbiology, epidemiology, molecular biology, and public health. \* Witness to the remarkable advancement in the field of virus structure and assembly \* A unique opportunity to compare and contrast mechanisms adopted by a diverse range of viruses from bacteriophages and RNA viruses**

**to Bluetongue, Influenza and Hepatitis B \*  
Numerous illustrations including color \***

**Discussion on the VIPER database, a repository for all high-resolution structures of simple icosahedral viruses, and on application of mass spectrometry to the analysis of structures present in biological specimens, such as HIV-1**

**To date textbooks on viruses infecting fish, crustaceans and molluscs, the three main aquatic animal farmed groups, have been on the whole “diseases-centric and individual viral diseases selected based on “epizoo-centric approaches with little to no coverage of the basic biology of the viruses, in contrast to textbooks on viruses infecting terrestrial - farmed, pet, and free-range (wild) - animals and humans. Despite considerable advances in animal virology in recent years coupled with an economically important global aquaculture industry, knowledge of viruses of animal aquaculture is still sparse and in some cases outdated although these viruses are closely related to well-known virus families. The last book in fish virology (Fish viruses and fish viral diseases 1988, Wolf, K.) was published in the 1980s. A lot of work has been done on fish viruses and many new aquatic animal viruses continue to be discovered. Aquaculture Virology provides the current state of knowledge of aquatic animal viruses within the current virus classification and taxonomic context thereby allowing the reader to draw on**

***the principles of general virology. This book is a systematic and concise resource useful to anyone involved with or looking to move into aquaculture and fisheries. Clinical veterinarians, aquaculture disease practitioners, biologists, farmers, and all those in industry, government or academia who are interested in aquatic animal virology will find this book extremely useful.***

***Provides unique comprehensive information on animal viruses for aquaculture and fisheries***

***Presents high quality illustrations of viral structure, diagrams of viral disease processes, gross pathology and histopathology lesions, and summary tables to aid in understanding***

***Describes aquatic animal viruses of the three major aquatic animals, fish, crustaceans, and molluscs, within the current virus classification and taxonomic context thereby allowing the reader to draw on the principles of general virology***

***Grapevine Viruses: Molecular Biology, Diagnostics and Management***

***ASM Style Manual for Journals and Books***

***A Virus of Our Own Hatching***

***Fundamentals of HIV Medicine 2017***

***Virus Structure and Assembly***