



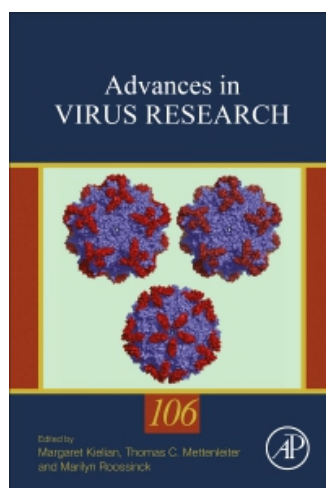
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複数の編集者がチームで担当し、年に最低1冊以上発行されるジャーナルを補完する必須文献です。共通の特性を持つトピックのさまざまな面に重点を置き、ジャーナルより長い記述でテーマを掘り下げたり、成熟した研究分野の権威ある情報を集め、手法について参照しやすくまとめています。

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Advances in Virus Research

ISSN: 0065-3527

Series Editor:

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ウィルスに関する広範囲の研究の掘り下げたレビューを掲載するシリーズ。1953年創刊。

Advances in Virus Research series covers a diverse range of in-depth reviews providing a valuable overview of the current field of virology. The series of eclectic volumes are valuable resources to virologists, microbiologists, immunologists, molecular biologists, pathologists and plant researchers.

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Upcoming / Recent Volumes

2020年刊行

Volume 108

Coming Soon

Serial Volume Editor: Marilyn Roossinck, Margaret Kielian, Thomas Mettenleiter

eBook-ISBN: 9780128207628 Hardcover ISBN: 9780128207611

Advances in Virus Research series, highlights new advances in the field, with this new volume presenting interesting chapters. Each chapter is written by an international board of authors.

Volume 107

Serial Editors: John Carr, Marilyn Roossinck

eBook-ISBN: 9780128215890 Hardcover ISBN: 9780128215883

Immunopathology, Volume 107 in the Advances in Virus Research series, highlights new advances in the field, with this new volume presenting interesting chapters. Each chapter is written by an international board of authors.

Viral Immunopathology will cover how the immune system, innate or adaptive, is often at the root of viral pathogenesis. This is true in diverse host systems including vertebrates, plants and insects. This volume will present the latest findings in this interesting and important area of research, and will include human, plant, fish, and insect viruses. Different kingdoms have evolved very diverse immune responses to virus infection but the common theme – namely, that effects of viruses on host immune systems can condition the induction of viral disease – will unify this concept across kingdoms.

Upcoming / Recent Volumes

2020 年刊行

Volume 106

Serial Volume Editor: Margaret Kielian, Thomas C. Mettenleiter and Marilyn Roossinck

eBook-ISBN: 9780128207550 Hardcover ISBN: 9780128207543

Advances in Virus Research, Volume 106, the latest in the series, contains new, informative updates on the topic. First published in 1953, this series covers a diverse range of in-depth reviews, providing a valuable overview of the current field of virology.

2019 年刊行

Volume 105: Complementary Strategies to Study Virus Structure and Function

Serial Volume Editors: Felix Rey

eBook ISBN: 9780128184578 Hardcover ISBN: 9780128184561

Complementary Strategies to Study Virus Structure and Function, Volume 104, the latest release in the Advances in Virus Research series, highlights new advances in the field, with this new volume presenting interesting chapters on X-ray structures from crystals of viral proteins grown in cellula, NMR and SAXS to study protein dynamics and natively disordered viral proteins, Mass spectrometry to study virus particle assembly, Atomic force microscopy to study virus particles, Non-enveloped viruses and interactions with antibodies, Non-enveloped viruses and their mechanism of entry into cells, Structures of enveloped virions by electron cryo-microscopy and cryo-tomography, and many other interesting topics.

Volume 104: Virus Entry

Serial Editors: Marilyn Roossinck, Margaret Kielian, Thomas Mettenleiter

eBook ISBN: 9780128183953 Hardcover ISBN: 9780128183946

Virus Entry, Volume 104, the latest release in the Advances in Virus Research series, highlights new advances in the field, with this new volume presenting interesting chapters on plant virus cell-to-cell entry, plant virus entry via insect transmission, VSV/Rabies virus entry, Papovavirus entry, New approaches to study fusion proteins, Hantavirus receptors, Gamma Herpesvirus entry, and many other interesting topics.

Volume 103

Serial Editors: Margaret Kielian, Thomas Mettenleiter, Marilyn Roossinck

eBook ISBN: 9780128177235 Hardcover ISBN: 9780128177228

Advances in Virus Research, Volume 103, the latest in the Advances in Virus Research series, contains new, informative updates on the topic. First published in 1953, this series covers a diverse range of in-depth reviews, providing a valuable overview of the current field of virology. Updates to this release include a Review on phage genes that affect bacterial phenotypes, Phage lysis: new perspectives on the bacterial cell envelope, CRISPRs as the adaptive immune system of archaea and bacteria, CRESS viruses, Tupanviruses, and Giant virus evolution, amongst other topics.

2018 年刊行

Volume 102

Serial Volume Editor: Marilyn Roossinck Peter Palukaitis

eBook ISBN: 9780128155332 Hardcover ISBN: 9780128151945

Advances in Virus Research, Volume 102, the latest release in this esteemed series, contains new, informative updates on the topic. First published in 1953, this series covers a diverse range of in-depth reviews, providing a valuable overview of the current field of virology. Updates to this release includes sections on the development of model systems for plant rhabdovirus research, Dichorhavirus and their mite vectors, Molecular modelling for better understanding Cucumovirus pathology, Modification of host-insect reactions by viruses, Gene Gangs of the Chloroviruses: Conserved Co-linear Monocistronic Gene Sets, Virus disease control by transgenic approach and attenuated virus, Virus effectors, Tobamovirus evolution, and more.

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