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NEW RELEASE



The most recent findings and research in the field of animal behavior

Advances in the Study of Behavior, Volume 39

Advances in the Study of Behavior

Edited by:

H. Jane Brockmann

University of Florida, Gainesville, USA

Charles T. Snowdon

University of Wisconsin, Madison, USA

Timothy J. Roper

Department of Biology and Environmental Science, University of Sussex, UK

Marc Naguib

University of Bielefeld, Germany

Katherine E. Wynne-Edwards

Queen's University, Kingston, Canada

"The series is designed for psychologists, zoologists, and psychiatrists, but will also be a valuable reference for workers in endocrinology, neurology, physiology, ethnology, and ecology."--BIOLOGICAL ABSTRACTS

DESCRIPTION:

Advances in the Study of Behavior was initiated over 40 years ago to serve the increasing number of scientists engaged in the study of animal behavior. That number is still expanding. This volume makes another important "contribution to the development of the field" by presenting theoretical ideas and research to those studying animal behavior and to their colleagues in neighboring fields.

Advances in the Study of Behavior is now available online at ScienceDirect - full-text online from volume 30 onward.

RELATED TITLES:

Brockmann: *Advances in the Study of Behavior*, Vol. 37 (Dec 2007, ISBN-10/13: 0-12-004537-0/ 978-0-12-004537-2)

Brockmann: *Advances in the Study of Behavior*, Vol 36 (Nov 2006, ISBN-10/13: 0-12-004536-2/ 978-0-12-004536-5)

Brockmann: *Advances in the Study of Behavior*, Vol 38 (Aug 2008, ISBN-10/13: 0-12-004538-9/ 978-0-12-004538-9)

ISBN: 978-0-12-374474-6

PUB DATE: September 2009

LIST PRICE: \$135.00

DISCOUNT: Serial

FORMAT: Hardback

TRIM SIZE: 6w x 9h "

AUDIENCE: Graduate students and researchers who study animal behavior (ecologists, evolutionary biologists, geneticists, endocrinologists, pharmacologists, neurobiologists, developmental psychobiologists, ethologists, comparative psychologists).

SHELVING CLASSIFICATIONS:

PSYCHOLOGY / General,
PSYCHOLOGY / Clinical
Psychology, PSYCHOLOGY /
Physiological Psychology

BISAC CODES: PSY000000,
PSY007000, PSY024000

MARKETING: Ads for volume and serial in relevant publications; included in all subject area mailings; displayed at related exhibits; online outreach and advertising

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KB/26/Che - May 2009 Package

TABLE OF CONTENTS:

1. Stress and coping mechanisms in female primates (Cheney and Seyfarth)
2. Reciprocal altruism in primates: partner choice, cognition and emotions (Schino and Aureli)
3. The dog as a model for understanding human social behaviour (Topal, Miklosi, Gacsi, Doka, Pongracz, Kubinyi, Zsofia and Cxanyi)
4. Strategies for social learning: testing predictions from formal theory (Galef)
5. Behaviour of a unisexual fish, the Amazon molly (*Poecilia formosa*) and its sexual hosts (Ingo)
6. Alternative mating tactics in acarid mites (Radwan)

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NEW RELEASE



Provides up-to-date information and directions for future research

International Review of Cell and Molecular Biology, Volume 277

International Review Of Cell and Molecular Biology

Edited by:

Kwang W. Jeon

University of Tennessee, Knoxville, USA

KEY FEATURES:

- Authored by some of the foremost scientists in the field
- Provides up-to-date information and directions for future research
- Valuable reference material for advanced undergraduates, graduate students and professional scientists

DESCRIPTION:

International Review of Cell & Molecular Biology presents current advances and comprehensive reviews in cell biology- both plant and animal. Articles address structure and control of gene expression, nucleocytoplasmic interactions, control of cell development and differentiation, and cell transformation and growth.

RELATED TITLES:

Jeon: *International Review of Cell and Molecular Biology*, Vol 269

(Sep 2008, ISBN-10/13: 978-0-12-374554-5)

Lackie: *The Dictionary of Cell & Molecular Biology*, 4e

(Oct 2007, ISBN-10/13: 0-12-373986-1/ 978-0-12-373986-5)

ISBN: 978-0-12-374808-9

PUB DATE: October 2009

LIST PRICE: \$210.00

DISCOUNT: Serial

FORMAT: Hardback

TRIM SIZE: 6w x 9h "

AUDIENCE: Cell biologists, molecular biologists, developmental biologists, physiologists (organ level), biomedical scientists, biochemists studying cell-cell interactions, cell variation and evolution

SHELVING CLASSIFICATIONS:

SCIENCE / Life Sciences / Cytology, SCIENCE / Molecular Biology

BISAC CODES: SCI017000, SCI049000

MARKETING: Ads in relevant publications, included in all subject area mailings, displayed at related exhibits and online

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AC/92/Che - May 2009 Package

TABLE OF CONTENTS:

1. Focal adhesions: New angles on an old structure

Adi D. Dubash, Marisa M. Menold, Thomas Samson, Etienne Boulter, Rafael García-Mata; Renee Doughman, Keith Burridge

2. Application of new methods for detection of DNA damage and repair

Maria P. Svetlova, Liudmila V. Solovjeva and Nikolai V. Tomilin

3. Inhibition of protein function by the alteration of their oligomerization

Assaf Friedler

4. Centromere-associated nuclear bodies in vertebrate oocytes and their roles in the maintenance of nuclear architecture

Elena Gaginskaya; Alla Krasikova

5. Antigenic diversion of tumor cells as a sign of impaired cytodifferentiation in carcinogenesis

V. A. Ivanov; N.P. Teriukova; I.I. Tiuriaeva

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NEW RELEASE



Advances in Heterocyclic Chemistry, Vol 98

Advances in Heterocyclic Chemistry

Edited by:

Alan R. Katritzky

University of Florida, Gainesville, USA

KEY FEATURES:

- Provides up-to-date material on a fast growing and highly topical subject area
- Contains the latest research covering a wide variety of heterocyclic topics
- Written by leading authorities and designed as a handbook for students and industry and academic researchers

DESCRIPTION:

Established in 1960, *Advances in Heterocyclic Chemistry* is the definitive serial in the area - one of great importance to organic chemists, polymer chemists, and many biological scientists.

Written by established authorities in the field, the comprehensive reviews combine descriptive chemistry and mechanistic insight and yield an understanding of how the chemistry drives the properties.

RELATED TITLES:

Katritzky, 2009, *Advances in Heterocyclic Chemistry, Volume 97*, 9780123747334, \$215/£110

Katritzky, 2008, *Advances in Heterocyclic Chemistry, Volume 96*, 9780123747333, \$215/£110

Katritzky, 2008, *Advances in Heterocyclic Chemistry, Volume 95*, 9780123742728, \$215/£110

ISBN: 978-0-12-374781-5

PUB DATE: September 2009

LIST PRICE: \$215.00

DISCOUNT: Serial

FORMAT: Hardback

TRIM SIZE: 6w x 9h "

AUDIENCE: For graduate students and research workers in academic and industrial laboratories

SHELVING CLASSIFICATIONS:
SCIENCE / Chemistry / General,
SCIENCE / Chemistry / Organic

BISAC CODES: SCI013000,
SCI013040

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Katritzky: Advances in Heterocyclic Chemistry, Vol 98 (978-0-12-374781-5)

TABLE OF CONTENTS:

1 Dimedone: A versatile precursor for annulated heterocycles, El Sayed H El Ashry

2 Pyrazol-3-ones. Part IV: Synthesis and Applications, GEORGE VARVOUNIS

3 Organometallic Complexes of Polypyridine Ligands V: Their Analogues, and N, O(S)-Chelating Pyridines, ALEXANDER P. SADIMENKO

ELSEVIER

NEW RELEASE



Advances in Chemical Engineering, Volume 37

Advances in Chemical Engineering

Edited by:
Jinghai Li

DESCRIPTION:

Multi-scale analysis and simulation of chemical processing and reactions have received unprecedented attention in recent years; however, measurement technology focused on multi-scale structures, particularly on meso-scale phenomena, has not been sufficiently addressed.

This volume of *Advances in Chemical Engineering* focuses on the "Characterization of Flow, Particles and Interfaces" to alert the chemical engineering community to this challenging issue presenting six meso-scale measurement technologies.

RELATED TITLES:

De Lasa, 2009, *Advances in Chemical Engineering Volume 36*, 9780123747631, \$215/£110

Koopmans, 2009, *Advances in Chemical Engineering Volume 35*, 9780123747525, \$215/£110

Marin, 2008, *Advances in Chemical Engineering Volume 34*, 9780123745064, \$215/£110

ISBN: 978-0-12-374738-9

PUB DATE: September 2009

LIST PRICE: \$215.00

DISCOUNT: Serial

FORMAT: Hardback

AUDIENCE: Chemical engineers, materials scientists, bioengineers, biologists and biomedical scientists

SHELVING CLASSIFICATIONS:

TECHNOLOGY / Engineering /
Chemical & Biochemical,
SCIENCE / Chemistry / General

BISAC CODES: TEC009010,
SCI013000

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Li: Advances in Chemical Engineering, Vol 37 (978-0-12-374738-9)

TABLE OF CONTENTS:

1. Ultrasound based Gas-liquid interface detection in Gas-Liquid two-phase flows, Gonzalez and Takeda

2. Micromanipulation in Mechanical Characterization of Single Particles, Zhang

3. Particle Image Velocimetry techniques and its application in multiphase systems, Hishida

4. Positron Emission Imaging in Chemical Engineering, Seville

5. Electrical Capacitance, Electrochemical Resistance, and Positron Emission Tomography Techniques and their applications in multiphase flow systems, Williams and Fan

6. Time-resolved laser-induced incandescence, Leipertz

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NEW RELEASE



Cutting-edge reviews concerning the molecular and cellular biology of vitamins and hormones

Vitamins and Hormones, Volume 81

Anandamide

Edited by:

Gerald Litwack

Jefferson Medical College, Thomas Jefferson University, Philadelphia, PA, USA

KEY FEATURES:

- Longest running series published by Academic Press
- Contributions by leading international authorities

DESCRIPTION:

First published in 1943, *Vitamins and Hormones* is the longest-running serial published by Academic Press. The Editorial Board now reflects expertise in the field of hormone action, vitamin action, X-ray crystal structure, physiology, and enzyme mechanisms.

Under the capable and qualified editorial leadership of Dr. Gerald Litwack, *Vitamins and Hormones* continues to publish cutting-edge reviews of interest to endocrinologists, biochemists, nutritionists, pharmacologists, cell biologists, and molecular biologists. Others interested in the structure and function of biologically active molecules like hormones and vitamins will, as always, turn to this series for comprehensive reviews by leading contributors to this and related disciplines.

This volume reviews recent advances in the formation of endogenous cannabinoids and their receptors, metabolism and relation to disease processes.

RELATED TITLES:

Litwack: *Vitamins and Hormones*, Vol 79: Folic Acid and Folates (Oct 2008, ISBN-10/13: 978-0-12-374232-2)

Litwack: *Vitamins and Hormones*, Vol 80: Insulin and IGFs (Mar 2009, ISBN-10/13: 978-0-12-374408-1)

ISBN: 978-0-12-374782-2

PUB DATE: late August 2009

LIST PRICE: \$185.00

DISCOUNT: Serial

FORMAT: Hardback

PAGES: c. 592

TRIM SIZE: 6w x 9h "

AUDIENCE: Researchers, faculty, and graduate students interested in cutting-edge review concerning the molecular and cellular biology of vitamins, hormones, and related factors and co-factors. Libraries and laboratories at institutes with strong programs in cell biology, biochemistry, molecular biology, gene regulation, hormone control, and signal transduction are likely to be interested.

SHELVING CLASSIFICATIONS:

SCIENCE / Biochemistry,
MEDICAL / Endocrinology &
Metabolism

BISAC CODES: SCI007000,
MED027000

MARKETING: House and paid ads in relevant journals, included in subject area mailings, displayed at related exhibits and online

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Litwack: Anandamide, Vol 81 (978-0-12-374782-2)

TABLE OF CONTENTS:

Y. Okamoto, K. Tsuboi and N. Ueda, Enzymatic formation of anandamide

M.L. Yates and E.L. Barker, Organized trafficking of anandamide and related lipids

G.P. Mueller and W.J. Driscoll, Biosynthesis of oleamide

C.E. Goodfellow and M. Glass, Anandamide receptor signal transduction

A.J. Brown and C.R. Hiley, Is GPR55 an anandamide receptor?

E. Frideri, N. Gobshtis, H. Dahan, A. Weller, A. Giuffrida and S. Ben-Shabat, The endocannabinoid system during development: emphasis on perinatal events and delayed effects

M. Bifulco, A. Santoro, C. Laezza and A.M. Malfitano, Cannabinoid receptor CB1 antagonists: state of the art and challenges

H.B. Bradshaw, N. Rimmerman, S.S.-J. Hu, S. Burstein and the late J.M. Walker, Novel endogenous N-acyl glycines: Identification and characterization

F.G. Correa, L. Mestre, F. Docagne, J. Borrell and C. Guaza, The endocannabinoid anandamide: from immunomodulation to neuroprotection, implications for multiple sclerosis

P. Grimaldi, G. Rossi, G. Catanzaro and M. Maccarrone, Modulation of the endocannabinoid-degrading enzyme fatty acid amide hydrolase by follicle-stimulating hormone

R. Malcher-Lopes and M. Buzzi, Glucocorticoid-regulated crosstalk between arachidonic acid and endocannabinoids biochemical pathways coordinates cognitive-, neuroimmune- and energy homeostasis-related adaptations to stress

L. Zhang and W. Xiong, Modulation of the Cys-loop ligand-gated ion channels by fatty acid and cannabinoids

D. McHugh and R.A. Ross, Endogenous cannabinoids and neutrophil chemotaxis

R. Pierantoni, G. Cobellis, R. Meccariello, G. Cacciola, R. Chianese, T. Chioccarelli and S. Fasano, CB1 activity in male reproduction: mammalian and non-mammalian animal models

A. Toth, P.M. Blumberg and J. Boczan, Anandamide and the vanilloid receptor (TRPV1)

L.B.M. Resstel, F.A. Moreira and F.S. Guimaraes, Endocannabinoid system and fear conditioning

N. Pasquariello, S. Oddi, M. Malaponti and M. Maccarrone, Regulation of gene transcription and keratinocyte differentiation by anandamide

G. Alpini and S. DeMorrow, Changes in the endocannabinoid system may give insight into new and effective treatments for cancer

R. Panday, V. Hegde, N. Singh, L. Hofseth, U. Singh, S. Ray, M. Nagarkatti and P. Nagarkatti, Use of cannabinoids as a novel therapeutic modality against autoimmune hepatitis

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NEW RELEASE



Advances in Planar Lipid Bilayers and Liposomes, Volume 9

Advances in Planar Lipid Bilayers and Liposomes

Edited by:

A. Leitmannova Liu

Department of Physiology, Michigan State University, East Lansing, USA

KEY FEATURES:

- Incorporates contributions from newcomers and established and experienced researchers
- Explores the planar lipid bilayer systems and spherical liposomes from both theoretical and experimental perspectives
- Serves as an indispensable source of information for new scientists

DESCRIPTION:

Advances in Planar Lipid Bilayers and Liposomes, Volume 9, continues to include invited chapters on a broad range of topics, covering both main arrangements of the reconstituted system, namely planar lipid bilayers and spherical liposomes. The invited authors present the latest results in this exciting multidisciplinary field of their own research group.

Many of the contributors working in both fields over many decades were in close collaboration with the late Prof. H. Ti Tien, the founding editor of this book series. There are also chapters written by some of the younger generation of scientists included in this series. This volume keeps in mind the broader goal with both systems, planar lipid bilayers and spherical liposomes, which is the further development of this interdisciplinary field worldwide.

RELATED TITLES:

Leitmannova Liu 'Advances in Planar Lipid Bilayers and Liposomes', Volume 8, 9780123743411

Leitmannova Liu 'Advances in Planar Lipid Bilayers and Liposomes', Volume 7, 9780123743084

Leitmannova Liu 'Advances in Planar Lipid Bilayers and Liposomes', Volume 6, 9780123739025

ISBN: 978-0-12-374822-5

PUB DATE: September 2009

LIST PRICE: \$200.00

DISCOUNT: Serial

FORMAT: Hardback

PAGES: c. 292

TRIM SIZE: 6w x 9h "

AUDIENCE: Chemical Engineers, physical chemists, biologists and biochemists, biochemical engineers

SHELVING CLASSIFICATIONS:
SCIENCE / Chemistry / General,
TECHNOLOGY / Engineering /
Chemical & Biochemical,
SCIENCE / Chemistry / Physical
& Theoretical

BISAC CODES: SCI013000,
TEC009010, SCI013050

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Leitmannova Liu: Advances in Planar Lipid Bilayers and Liposomes, Vol 9 (978-0-12-374822-5)

TABLE OF CONTENTS:

1. Current perspectives in liposome-encapsulated hemoglobin as oxygen carrier, Agashe, Awasthi,

2. Electric conductance of planar lipid bilayer as a tool for the study of membrane pore selectivity and blockade, Antonov, Norik, Smirnova

3. Physicochemical and pharmacokinetic characterization of ultradeformable vesicles using calcein as hydrophilic fluorescent marker, Bahia et al

4. Electrical methods for determining surface charge density and electrolyte composition at the lipid bilayer solution interface. Laver

5. Micropatterned lipid bilayer membranes on solid substrates, Morigaki

6. Salt-induced morphological transitions in non-equimolar catanionic systems: spontaneous formation of blastulae aggregates, Vlachy, Touraud, Kunz

7. Transformation between liposomes and cubic phases of biological lipid membranes induced by modulation of electrostatic interactions, Yamazaki

8. The impact of astrocytes in the clearance of neurotransmitters by uptake and inactivation, Krzan

9. Stability of the inverted hexagonal phase, Iglic et al

10. Attraction of like-charged surfaces mediated by spheroidal nanoparticles with spatially distributed electric charge, Iglic et al

ELSEVIER

NEW RELEASE



International Review of Neurobiology, Volume 88

Novel Approaches to Studying Basal Ganglia and Related Neuropsychiatric Disorders

Edited by:

XIAO-HONG LU

Praise for the Series:

"A valuable addition to any college library as current reference material for advanced undergraduates, graduate students, and professional scientists." - *Choice*

DESCRIPTION:

Published since 1959, *International Review of Neurobiology* is a well-known series appealing to neuroscientists, clinicians, psychologists, physiologists, and pharmacologists. Led by an internationally renowned editorial board, this important serial publishes both eclectic volumes made up of timely reviews and thematic volumes that focus on recent progress in a specific area of neurobiology research.

This volume is a collection of articles covering *Novel Approaches to Studying Basal Ganglia and Related Neuropsychiatric Disorders*. Topics covered include molecular profiling of direct and indirect striatal medium spiny neurons, the role of epigenetics in development and function of basal ganglia and transgenic animal models for Parkinson's disease.

RELATED TITLES:

Summerer, Izzo & Rossini: 2009, *Brain Machine Interfaces for Space Applications: enhancing astronaut capabilities vol - 86*, 978-0-12-374821-8,

Giacinto Bagetta, M. Tiziana Corasaniti, T. Sakurada and S. Sakurada: 2009, *Advances in Neuropharmacology Volume 85*, 978-0-12-374893-5

Minagar, 2009, *Neurobiology of Dementia Volume 84*, 978-0-12-374833-1

ISBN: 978-0-12-374894-2

PUB DATE: October 2009

LIST PRICE: \$169.95

DISCOUNT: Serial

FORMAT: Hardback

AUDIENCE: Neuroscientists and neurologists.

SHELVING CLASSIFICATIONS:

MEDICAL / Neuroscience,
MEDICAL / Neurology

BISAC CODES: MED057000,
MED056000

MARKETING: Included in online and e-catalogs promoting neuroscience titles. Displayed at key meetings.

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LU: Novel Approaches to Studying Basal Ganglia and Related Neuropsychiatric Disorders,
Vol 88 (978-0-12-374894-2)

TABLE OF CONTENTS:

1. Molecular Profiling of Direct and Indirect Striatal Medium Spiny Neurons: Past, Present, and Future. Mary Kay Lobo, Department of Psychiatry, Basic Research Laboratories, Mount Sinai Medical Center, New York

2. Role of epigenetics in development and function of basal ganglia. Jian Feng and Guoping Fan, Department of human genetics. David Geffen School of Medicine at UCLA, Los Angeles, CA 90095

3. Novel Behavioral analyses in transgenic animal models of Parkinson's disease. Sheila Fleming. Department of Neurology. David Geffen School of Medicine at UCLA, Los Angeles, CA 90095

4. Modeling cortical-striatal dysfunction and Huntington's disease using BAC transgenic mouse models. Michelle Gray, Neurology Department, University of Alabama, Birmingham

5. Transgenic Animals Models for Parkinson's Disease. Xiao-Hong Lu, Center for Neurobehavioral Genetics, Semel Institute for Neuroscience & Human Behavior. Department of Psychiatry & Biobehavioral Sciences, Brain Research Institute, David Geffen School of Medicine at UCLA

6. ECT and synapse morphology in stratum, a stereological and three-dimensional ultrastructural approach. Fenghua Cheng. Stereology and Electron Microscopy Research laboratory and MIND Center, Aarhus University, DK-8000 Aarhus C, Denmark

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NEW RELEASE



An indispensable resource and practical guide for 21st century practitioners of the clinical laboratory sciences

Advances in Clinical Chemistry, Volume 48

Advances in Clinical Chemistry

Edited by:

Gregory Makowski

Department of Laboratory Medicine, University of Connecticut Health Center,
Farmington, USA

KEY FEATURES:

- Leading experts from academia and clinical laboratory science
- Volume emphasizes novel laboratory advances with application to clinical laboratory diagnostics and practical basic science studies

DESCRIPTION:

Volume 48 in the internationally acclaimed *Advances in Clinical Chemistry* contains chapters submitted from leading experts from academia and clinical laboratory science. Authors are from a diverse field of clinical chemistry disciplines and diagnostics ranging from basic biochemical exploration to cutting-edge microarray technology.

RELATED TITLES:

Makowski: *Advances in Clinical Chemistry*, Vol 45
(Feb 2008, ISBN-10/13: 978-0-12-374208-7)

Makowski: *Advances in Clinical Chemistry*, Vol 46
(Nov 2008, ISBN-10/13: 978-0-12-374209-4)

Makowski: *Advances in Clinical Chemistry*, Vol 47
(Sep 2009, ISBN-10/13: 978-0-12-374796-9)

ISBN: 978-0-12-374797-6

PUB DATE: October 2009

LIST PRICE: \$180.00

DISCOUNT: Serial

FORMAT: Hardback

PAGES: c. 300

TRIM SIZE: 6w x 9h "

AUDIENCE: Biochemists and clinical biochemists.

SHELVING CLASSIFICATIONS:

SCIENCE / Biochemistry,
SCIENCE / Chemistry / Organic,
SCIENCE / Chemistry / Clinical

BISAC CODES: SCI007000,
SCI013040, SCI013020

MARKETING: House and paid ads in relevant journals, included in subject area mailings, displayed at related exhibits and online

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AC/92/Che - May 2009 Package

Makowski: Advances in Clinical Chemistry, Vol 48 (978-0-12-374797-6)

TABLE OF CONTENTS:

- 1 Advances in monitoring hydratase activity -Ronald JA Wanders
- 2 Biomarkers of bone and mineral metabolism following bone marrow transplantation -Moo-Il Kang
- 3 Biochemical basis of Fabry disease - Anibh Das
- 4 Factor V Leiden and activated protein C resistance - Elisabetta Castoldi
- 5 Melanocortin receptor mutations in obesity- Ferruccio Santini
- 6 Anti-glycan antibodies - Nir Dotan
- 7 Biomarkers in sleep disorders - Kazuhiko Kotani
- 8 Colorectal Cancer - Lynne Thadikaran
- 9 Proteomics in lung cancer diagnosis - Je-Yoel Cho
- 10 Heat shock proteins in cardiovascular risk - Gordon Ferns
- 11 Biochemistry of wound healing in utero - Michael Longaker
- 12 Proinflammatory cytokines in CRP baseline regulation - Carita Eklund
- 13 Gluco-markers in disease states - Giovanni Misciagna
- 14 Advances in Pregnancy testing - Pasquale Florio
- 15 The emerging role of symmetric dimethylarginine in vascular disease - Arduino Mangoni

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NEW RELEASE



Cutting-edge reviews in virology

Advances in Virus Research, Volume 73

Advances in Virus Research

Edited by:

Karl Maramorosch

Rutgers University, New Brunswick, NJ, USA

Aaron J. Shatkin

Center for Advanced Biotechnology and Medicine, Piscataway, NJ, USA

Frederick A. Murphy

University of Texas Medical Branch, Galveston, USA

"A mandatory purchase for all types of comprehensive libraries, both public and university, as well as for those interested in or doing research in the field of virology." - *MILITARY MEDICINE*

"This serial...is well known to virologists. It is a valuable aid in maintaining an overview of various facets of the rapidly expanding fields of virology...Timely, informative, and useful to the student, teacher, and research scientist." -- *AMERICAN SCIENTIST*

KEY FEATURES:

- Contributions from leading authorities
- Informs and updates on all the latest developments in the field

DESCRIPTION:

Published since 1953, *Advances in Virus Research* covers a diverse range of in-depth reviews providing a valuable overview of the current field of virology.

The impact factor for 2007 is 3.120, placing it 9th in the highly competitive category of virology.

RELATED TITLES:

Maramorosch, Shatkin and Murphy: *Advances in Virus Research*, Vol 72 (Nov 2008, ISBN-10/13: 978-0-12-374322-0)

Strauss and Strauss: *Viruses and Human Disease*, 2e (Sep 2007, ISBN-10/13: 0-12-373741-9/ 978-0-12-373741-0)

ISBN: 978-0-12-374786-0

PUB DATE: October 2009

LIST PRICE: \$150.00

DISCOUNT: Serial

FORMAT: Hardback

PAGES: c. 300

TRIM SIZE: 6w x 9h "

AUDIENCE: Virologists, microbiologists and infectious diseases specialists.

SHELVING CLASSIFICATIONS:

SCIENCE / Microbiology,
MEDICAL / Infectious Diseases,
MEDICAL / Immunology

BISAC CODES: SCI045000,
MED022090, MED044000

MARKETING: House and paid ads in relevant journals, included in subject area mailings, displayed at related exhibits and online

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Maramorosch: Advances in Virus Research, Vol 73 (978-0-12-374786-0)

TABLE OF CONTENTS:

1. New Insights Into Flavivirus Nonstructural Protein 5

Andrew D. Davidson

2. Looking Back In 2009 At The Dawning Of Antiviral Therapy Now 50 Years Ago: An Historical Perspective

Erik De Clercq

3. Viruses Versus Host Cell Translation: Love And Hate Stories

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AUDIENCE: Graduate students and researchers who study animal behavior (ecologists, evolutionary biologists, geneticists, endocrinologists, pharmacologists, neurobiologists, developmental psychobiologists, ethologists, comparative psychologists).

SHELVING CLASSIFICATIONS:

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10. Vocal learning and vocal development in cetaceans (Dr. Peter Tyack)
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International Review of Neurobiology, Volume 89

New Concepts of Psychostimulant Induced Neurotoxicity

Edited by:

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and neurologists

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Sharma: New Concepts of Psychostimulant Induced Neurotoxicity, Vol 89
(978-0-12-374504-0)

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Progress in Molecular Biology and Translational Science, Volume 88

G Protein-Coupled Receptors in Health and Disease, Part A

Edited by:

Ya-Xiong Tao

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Conn: Progress in Molecular Biology and Translational Science, Vol 84: Molecular Biology of Protein Folding, Part B (Dec 2008, ISBN-10/13: 978-0-12-374595-8)

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AUDIENCE: Researchers, professors and graduate students in biochemistry, chemistry, molecular biology, biotechnology, and medicine.

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Tao: G Protein-Coupled Receptors in Health and Disease, Part A, Vol 88 (978-0-12-374757-0)

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