



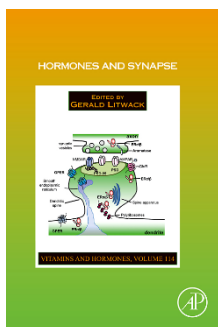
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複数の編集者がチームで担当し、年に最低1冊以上発行されるジャーナルを補完する必須文献です。共通の特性を持つトピックのさまざまな面に重点を置き、ジャーナルより長い記述でテーマを掘り下げたり、成熟した研究分野の権威ある情報を集め、手法について参照しやすくまとめています。

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生物化学・遺伝学・分子生物学



Vitamins and Hormones

ISSN: 0083-6729

Series Editor:

Gerald Litwick, Toluca Lake, North Hollywood, California, USA

ホルモン・ビタミンに関する研究を中心とした包括的なレビューを収録する生物化学分野の最古参シリーズ。1943年創刊。

First published in 1943, Vitamins and Hormones is the longest-running serial published by Academic Press. In the early days of the serial, the subjects of vitamins and hormones were quite distinct. The Editorial Board now reflects expertise in the field of hormone action, vitamin action, X-ray crystal structure, physiology, and enzyme mechanisms. 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.

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Upcoming / Recent Volumes

2020年刊行

Volume 114: Hormones and Synapse

Editor: Gerald Litwick

eBook ISBN: 9780128220269 Hardcover ISBN: 978-0-12-822025-2

Hormones and Synapse, Volume 114 in the Vitamins and Hormones series, highlights advances in the field, with this new volume presenting timely topics, including how growth hormone promotes synaptogenesis, sex hormones and proteins involved in brain plasticity, corticotropin releasing factor modulates excitatory synaptic transmission, bisphenol a and memory: a role for dendritic spines, brain insulin resistance impairs hippocampal synaptic plasticity, estradiol induces synaptic rearrangements, stress and remodeling of hippocampal spine synapses, neurotrophin-3 modulates synaptic transmission, nongenomic neurosteroid modulation of hippocampal dendritic spines, neural sex steroids and hippocampal synaptic plasticity, origin of chemical synapses, neural sex steroids and hippocampal synaptic plasticity, and much more.

Volume 113: Vasopressin

Editor: Gerald Litwick

eBook ISBN: 9780128208175 Hardcover ISBN: 978-0-12-820816-8

Vasopressin, Volume 113 in the Vitamins and Hormones series, highlights new advances in the field, with this new volume presenting updates on timely topics, including Diabetes Insipidus in Pregnancy, Vasopressin Inactivation: Role of Insulin-Regulated Aminopeptidase, Vasotocin and the Origins of the Vasopressin/Oxytocin Receptor Gene Family, Vasopressin V2 Receptor Ligand Recognition, Development and Therapeutic Potential of Vasopressin Synthetic Analog [V4Q5]dDAVP as a Novel Anticancer Agent, Cellular Junctions and Vasopressin, Vasopressin Actions in the Kidney Renin Angiotensin System and its Role in Hypertension and Renal Disease, Oxytocin/Vasopressin-Like Neuropeptide Signaling in Insects, and much more.

Upcoming / Recent Volumes

2018 年刊行

Volume 112: Aquaporin Regulation

Serial Editor: Gerald Litwack

eBook ISBN: 9780128208106 Hardcover ISBN: 978-0-12-820809-0

Aquaporin Regulation, Volume 112, the latest release in the Vitamins and Hormones series, highlights new advances in the field, with this new volume presenting interesting chapters highlighting Perspectives on the evolution of aquaporin superfamily, Structure and dynamics of aquaporin-1, Selectivity and Transport in Aquaporins from Molecular Simulation Studies, Aquaporin regulation in metabolic organs, Phosphorylation of human AQP2 and its role in trafficking, Regulation of Aquaporin-2 by RNA Interference, Aquaporin Regulation: Lessons from Secretory Vesicles, CFTR Regulation of Aquaporin-mediated Water Transport, Glucocorticoid Gene Regulation of Aquaporin-7, and much more.

2019 年刊行

Volume 111: Opioid Hormones

Serial Editor: Gerald Litwack

eBook ISBN: 9780128188590 Hardcover ISBN: 9780128188583

Vasopressin, Volume 111, the latest release in the Vitamins and Hormones series, first published in 1943, covers the field of hormone action, vitamin action, X-ray crystal structure, physiology and enzyme mechanisms, with this release focusing on topics relating to hepcidin, bacterial infection, and iron overload, the role of heparan sulfates in hepcidin regulation, hepcidin CDNA and human gene sex hormones, growth factors and hepcidin, HFE gene polymorphisms and hereditary hemochromatosis, hepcidin and il-1beta, hepcidin-ferroportin axis, cardiomyocyte hepcidin, adipocyte iron, leptin and hepcidin, regulators of hepcidin expression, and much more.

Volume 110: Iron Metabolism: Hepcidin

Serial Editor: Gerald Litwack

eBook ISBN: 9780128178430 Hardcover ISBN: 9780128178423

Iron Metabolism, Volume 110, the latest release in the Vitamins and Hormones series first published in 1943, covers the field of hormone action, vitamin action, X-ray crystal structure, physiology and enzyme mechanisms, with this release focusing on topics relating to hepcidin, bacterial infection, and iron overload, the role of heparan sulfates in hepcidin regulation, hepcidin CDNA and human gene sex hormones, growth factors and hepcidin, HFE gene polymorphisms and hereditary hemochromatosis, hepcidin and il-1beta, hepcidin-ferroportin axis, cardiomyocyte hepcidin, adipocyte iron, leptin and hepcidin, regulators of hepcidin expression, and much more.

Volume 109: Aldosterone

Serial Editor: Gerald Litwack

eBook ISBN: 9780128177839 Hardcover ISBN: 9780128177822

Aldosterone, Volume 109, the latest release in the Vitamins and Hormones series first published in 1943, covers the field of hormone action, vitamin action, X-ray crystal structure, physiology and enzyme mechanisms, with this release focusing on topics relating to Aldosterone Research, Aldosterone and Micrnas, the Evolution of the Mineralocorticoid Receptor, Aldosterone and Kidney Micrnas, Adipocyte Mineralocorticoid Receptor, Regulation of Aldosterone Secretion, Leptin and Aldosterone, Cell- and Ligand-Specific Interactions in Mineralocorticoid Receptor Signaling, Primary Aldosteronism, Present and Future, Aldosterone-Producing Adenomas, Overexpression of the Mineralocorticoid Receptor, Aldosterone and Myocardial Pathology, and much more.

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