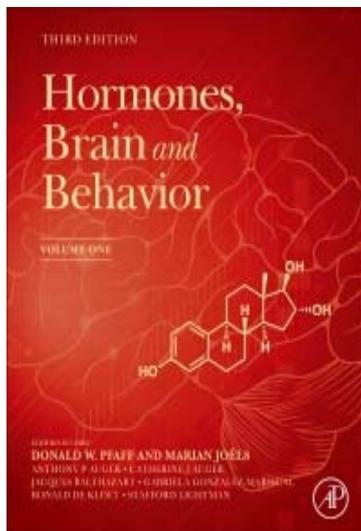


**Updated and substantially restructured version of the authoritative reference on hormonally-mediated behaviors in insects, amphibians, fish, rodents, and more**



生物学、心理学、精神医学、神経学、内分泌学、農業、漁業、生理学、生化学、解剖学、遺伝学などの諸分野の研究者、臨床家、学生にお薦めします

## ホルモン、脳、行動・第3版

# Hormones, Brain and Behavior 3rd Edition

*Edited by Donald W. Pfaff, Laboratory of Neurobiology and Behavior at The Rockefeller University and Marian Joels, Scientific Director of the Brain Center Rudolf Magnus*

2016年12月出版予定 2640ページ ¥413,850

- ◇ 急速に成長している分野の包括的で最新の情報を網羅。
- ◇ 主要な脊椎および無脊椎動物のモデルシステムを扱い、その行動から分子遺伝学までを関連付ける。
- ◇ 分子から生態生理学まで、基礎科学から臨床までの広範なトピックスをカバー。
- ◇ ホルモンと行動の分野における学際的な理解を深めるための理想的な参考図書。

Hormones, Brain and Behavior, Third Edition offers a state-of-the-art overview of hormonally-mediated behaviors, including an extensive discussion of the effects of hormones on insects, fish, amphibians, birds, rodents, and humans. Entries have been carefully designed to provide a valuable source of information for students and researchers in neuroendocrinology and those working in related areas, such as biology, psychology, psychiatry, and neurology.

This third edition has been substantially restructured to include both foundational information and recent developments in the field. Continuing the emphasis on interdisciplinary research and practical applications, the book includes articles aligned in five main subject sections, with new chapters included on genetic and genomic techniques and clinical investigations.

This reference provides unique treatment of all major vertebrate and invertebrate model systems with excellent opportunities for relating behavior to molecular genetics. The topics cover an unusual breadth (from molecules to ecophysiology), ranging from basic science to clinical research, making this reference of interest to a broad range of scientists in a variety of fields.

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Mammalian seasonal rhythms: behavior and neuroendocrine substrates  
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 Sexual Differentiation of Mammalian Olfactory Communication  
 Early-life stress impact on neurodevelopmental and neuropsychiatric disorders (this would include an epigenetic component)  
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 Thyroid Hormones and Brain Development  
 Sexual Differentiation of Brain and Behavior in Birds  
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 Effects of stress throughout the lifespan on the brain and behavior  
 Reproductive aging of neuroendocrine systems  
 Sex Differences in Central Autoimmune Diseases

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