



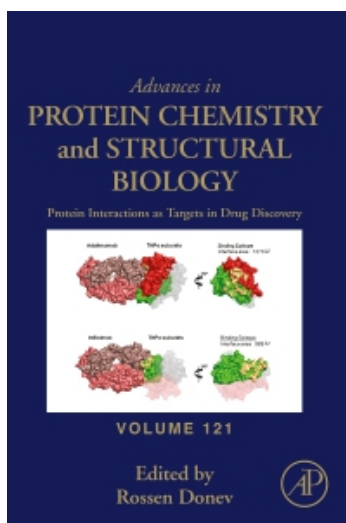
# BOOK NEWS from Elsevier

## エルゼビアよりブックシリーズのご案内

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。

ScienceDirect

生物化学・遺伝学・分子生物学



## Advances in Protein Chemistry and Structural Biology

ISSN: 1876-1623

Series Editor:

**Rossen Donev**, Institute of Life Science, School of Medicine, Swansea University, UK

1944年創刊。最も基本的な分子であるタンパク質の構造と機能、化学的特性に関する最新の研究成果をレビュー。実験や教育目的にも有用。

\*旧タイトル:

Advances in Protein Chemistry (ISSN: 0065-3233、1944~2007)

Advances in Structural Biology (ISSN: 1064-6000、1996~2000)

Published continuously since 1944, The Advances in Protein Chemistry and Structural Biology series has been the essential resource for protein chemists. Each volume brings forth new information about protocols and analysis of proteins. Each thematically organized volume is guest edited by leading experts in a broad range of protein-related topics.

CiteScore 2018: 5.2

Impact Factor 2019: 3.014 (Copyright ISI Journal Citation Report)

Praise for the Series: "The authority, originality, and editing of the reviews are first class." - NATURE

## Upcoming / Recent Volumes

2020年刊行

**Volume 122: Advances from Computational and Experimental Studies of Chromatin Structure and Epigenetics Mechanisms** **Coming Soon**

Serial Volume Editors: Tatyana Karabancheva-Christova & Christo Z. Christov

eBook ISBN: 9780128177631 Hardcover ISBN: 978-0-12-817762-4

Enzymes – Mechanisms, Dynamics and Inhibition, Volume 122, highlights new advances in the field, with this new volume presenting new and interesting chapters on the topics. Each chapter is written by an international board of authors.

# Upcoming / Recent Volumes

2020 年刊行

## Volume 121: Protein Interactions as Targets in Drug Discovery

Serial Editor: Rossen Donev

eBook ISBN: 9780128168479 Hardcover ISBN: 9780128168462

Protein Interactions as Targets in Drug Discovery, Volume 121, is dedicated to the design of therapeutics, both experimental and computational, that target protein interactions. Chapters in this new release include Trends in structure based drug design with protein targets, From fragment- to peptide-protein interaction: addressing the structural basis of binding using Supervised Molecular Dynamics (SuMD), Protein-protein and protein-ligand interactions: identification of potential inhibitors through computational analysis, Aromatic-aromatic interactions in protein-drug and protein-protein interactions, Role of protein-protein interaction in allosteric drug design within the human methyltransferome, and much more.

## Volume 120: Inflammatory Disorders - Part B

Serial Editor: Rossen Donev

eBook ISBN: 9780128213230 Hardcover ISBN: 9780128213223

Inflammatory Disorders - Part B, Volume 120 explores inflammation in the immune system and how the body's own cells or tissues may cause abnormal inflammation, thus resulting in chronic pain, redness, swelling, stiffness, and damage to normal tissues. Chapters in this updated volume include Proteins in monogenic autoinflammatory disorders, Virulence factors and their roles in periodontal disease pathogenesis, Role of Heat shock proteins in Inflammatory disorder Rheumatoid Arthritis, Novel targeted therapies for Crohn's disease: Recent progress and future perspectives, Dietary plant flavonoids in prevention of obesity and diabetes, Small RNAs in allergic diseases, Inflammation and inflammasome during ageing and age-related diseases, and more.

## Volume 119: Inflammatory Disorders - Part A

Serial Editor: Rossen Donev

eBook ISBN: 9780128168455 Hardcover ISBN: 9780128168448

Inflammation is a biological response triggered by different stimuli that has in the body a potentially damaging effect. In certain conditions, such as injury or infection, inflammation is a normal, healthy response. However, inflammatory disorders that result in the immune system attacking the body's own cells or tissues may cause abnormal inflammation, which results in chronic pain, redness, swelling, stiffness, and damage to normal tissues. Mechanisms involved in promoting a number of different inflammatory disorders and their targeting for therapeutic benefit have been one of the hottest topics in last few decades. The two consecutive volumes (119 and 120) dedicated to this subject cover a wide spectrum of inflammatory disorders, mechanisms that are believed to cause them and different strategies for managing the inflammatory diseases.

## Volume 118: Protein Misfolding

Serial Editor: Rossen Donev

eBook ISBN: 9780128177518 Hardcover ISBN: 9780128177501

Protein Misfolding, Volume 118, covers the wide spectrum of diseases and disorders that are attributed to protein misfolding, including degenerative and neurodegenerative, cardiovascular, renal, glaucoma, cancer, cystic fibrosis, Gaucher's disease, and many others. Specific chapters cover Mass spectrometric approaches for profiling protein folding and stability, Biomembranes, a key player in protein misfolding, how Genetic and environmental factors interact to disrupt proteostasis and trigger protein misfolding diseases, Formation of oligomers and large amorphous aggregates by intrinsically disordered proteins, Protein misfolding in ER stress with applications to cardiovascular and renal disease, and much more.

出版時期及び価格につきましては、予告なく変更となる場合がございます。予めご了承ください。  
本製品はリバースチャージ方式による消費税課税対象品です。

内容に関するご照会、資料のご請求は下記へご用命ください。

エルゼビア・ジャパン株式会社 〒106-0044 東京都港区東麻布 1-9-15 東麻布 1 丁目ビル 4 階

Research Solutions Tel: 03-5561-5034 E-mail: [jpinfo@elsevier.com](mailto:jpinfo@elsevier.com)

製品情報: <https://www.elsevier.com/ja-jp/solutions/sciencedirect/sciencedirect-ebook>

書誌情報: <https://www.elsevier.com/ja-jp/books-and-journals>