



International Journal of
Molecular Sciences

IMPACT
FACTOR
4.9

Indexed in:
PubMed

CITESCORE
8.1

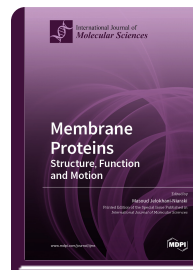
Special Issue Reprint

Membrane Proteins: Structure, Function and Motion

www.mdpi.com/books/reprint/6758

Edited by
Masoud Jelokhani-Niaraki

ISBN 978-3-0365-6537-8 (Hardback)
ISBN 978-3-0365-6538-5 (PDF)



Membrane proteins are essential for the diverse biological functions of the cells and intercellular communication in living organisms. With the recent developments in the methodologies, the research on membrane proteins has been undergoing a major transformation. In this informative book, the biological and dynamic behaviour of membrane proteins are introduced, discussed, and reviewed by some of the leading researchers in the field. The main objective of this compendium is to present the recent research in the fundamental and advanced concepts and methodologies used for studying membrane proteins. Membrane protein purification and reconstitution, protein-lipid interaction, ion/substrate transport, conformational and functional dynamics, the interaction of infectious agents, cell death, and organelle morphology are among the topics that are covered. This reprint is intended for a broad range of novice and experienced scientists with different levels of experience, from biophysicists and biochemists to microbiologists, cell biologists, and physiologists.



Order Your Print Copy
You can order print copies at
www.mdpi.com/books/reprint/6758

MDPI Books offers quality open access book publishing to promote the exchange of ideas and knowledge in a globalized world. MDPI Books encompasses all the benefits of open access – high availability and visibility, as well as wide and rapid dissemination. With MDPI Books, you can complement the digital version of your work with a high quality printed counterpart.



Open Access

Your scholarly work is accessible worldwide without any restrictions. All authors retain the copyright for their work distributed under the terms of the Creative Commons Attribution License.



Author Focus

Authors and editors profit from MDPI's over two decades of experience in open access publishing, our customized personal support throughout the entire publication process, and competitive processing charges as well as unique contributor discounts on book purchases.



High Quality & Rapid Publication

MDPI ensures a thorough review for all published items and provides a fast publication procedure. State-of-the-art research and time-sensitive topics are released with a minimum amount of delay.



High Visibility

Due to our global network and well-known channel partners, we ensure maximum visibility and broad dissemination. Title information of books is sent to international indexing databases and archives, such as the Directory of Open Access Books (DOAB), and the Verzeichnis Lieferbarer Bücher (VLB).



Print on Demand and Multiple Formats

MDPI Books are available for purchase and to read online at any time. Our print-on-demand service offers a sustainable, cost-effective and fast way to publish MDPI Books printed versions.