



microorganisms



Special Issue Reprint

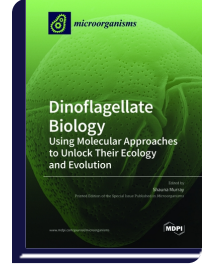
Dinoflagellate Biology

www.mdpi.com/books/reprint/6568

Edited by
Shauna Murray

ISBN 978-3-0365-6198-1 (Hardback)

ISBN 978-3-0365-6197-4 (PDF)



Dinoflagellates are an important group of aquatic microbial eukaryotes, showing great diversity in life histories, ecological niches, morphology, and pigment composition. They include species with photosynthetic, heterotrophic, symbiotic, mixotrophic, and parasitic lifestyles, and encompass coral symbionts, harmful algal bloom forming species, and important fish parasites. They are present in fossil records that date back several hundred million years. Dinoflagellates include the majority of species that produce marine biotoxins, impacting aquaculture. In recent years, molecular approaches have been applied to understand dinoflagellate biology, including techniques for studying dinoflagellate ecology, physiology, basic genetics, and evolution. This Special Issue, edited by Professor Shauna Murray, is dedicated to the application and development of molecular approaches for enhancing our understanding of dinoflagellate biology.



Order Your Print Copy
You can order print copies at
www.mdpi.com/books/reprint/6568

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.