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2nd Edition of Computational Methods in Biology

Guest Editors:

Dr. Milan Toma

Department of Osteopathic
Manipulative Medicine, College of
Osteopathic Medicine, New York
Institute of Technology, Old
Westbury Campus, Northern
Boulevard, Old Westbury, NY
11568-8000, USA

Dr. Chi Wei Ong

Agency for Science, Technology
and Research (A*STAR),
Singapore, Singapore

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Message from the Guest Editors

This Special Issue explores how computational methods and AI revolutionize biological research, analysis, and discovery, unlocking insights and patterns. They analyze vast biological data, predict protein structures, analyze gene expressions, and decipher complex networks. This enhances understanding of disease mechanisms, aids drug discovery, and personalizes medicine. AI integrates diverse biological data, revealing hidden relationships and offering comprehensive perspectives on biological systems. Featured articles highlight their impact in genomics, systems biology, drug discovery, and cancer research, paving the way for innovative medical findings and transformative healthcare advancements. Through these advancements, biology is heading toward an innovative future shaped by new medical findings and transformative advancements in healthcare.



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Editors-in-Chief

Prof. Dr. Jukka Finne

Research Programme in
Molecular and Integrative
Biosciences, Faculty of Biological
and Environmental Sciences,
University of Helsinki, P.O. Box
56, FI-00014 Helsinki, Finland

Prof. Dr. Andrés Moya

Integrative Systems Biology
Institute, University of Valencia
and CSIC, 46980 Valencia, Spain

Message from the Editorial Board

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Biology Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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