

Special Issue

Aquatic Animal Pathogens and Immunity

Message from the Guest Editors

This Special Issue, on aquatic animal pathogens and immunity, aims to provide a comprehensive overview of the current state of knowledge in the field, highlighting cutting-edge research on pathogen–host interactions, immune responses, and emerging diseases in aquatic species. We invite contributions that explore the molecular, cellular, and immunological mechanisms by which aquatic animals detect and respond to pathogens. Additionally, we seek papers that investigate the epidemiology of aquatic diseases, the development of diagnostic tools, and innovative strategies for disease control and prevention. Through this Special Issue, we hope to foster greater collaboration among researchers, aquaculture professionals, and policymakers to tackle the growing challenges posed by aquatic animal diseases. By advancing our understanding of aquatic immunity and pathogen dynamics, we aim to enhance the sustainability and resilience of aquatic ecosystems and the aquaculture industry. We look forward to sharing the latest research and innovations in this rapidly evolving field.

Guest Editors

Dr. Myung-hwa Jung

Department of Aqualife Medicine, Kongju National University, Yesan 32588, Republic of Korea

Dr. Junsoung Kwak

Department of Aqualife Medicine, Kongju National University, Yesan 32588, Republic of Korea

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
biology@mdpi.com

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Message from the Editorial Board

A major strength of biological science is the diversity of approaches that biological scientists apply to their research problems. *Biology* reflects this diversity and brings together studies employing the varied experimental and theoretical approaches that are fueling biological discovery. *Biology*, the journal, is a fully peer-reviewed publication with a rapid and economical route to open access publication and is listed on PubMed. All articles are peer-reviewed and the editorial focus is on determining that the work is scientifically sound rather than trying to predict its future impact.

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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

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