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Biosecurity in Aquaculture: Balancing Sustainability and Disease Control

Guest Editors:

Dr. Ladan Jahangiri

Department of Infectious
Diseases and Public Health, City
University of Hong Kong
Kowloon, Hong Kong SAR, China

Prof. Dr. Sophie St-Hilaire

Department of Infectious
Diseases and Public Health,
Jockey Club College of Veterinary
Medicine and Life Sciences, City
University of Hong Kong,
Kowloon, Hong Kong SAR, China

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Message from the Guest Editors

Aquaculture is the fastest growing food producing sector in the world, and it significantly contributes to global food security. The Organisation for Economic Co-operation and Development (OECD) and the Food and Agriculture Organisation of the United Nations (FAO) predict that aquatic food production will increase by 15% by 2030, and this growth will mostly derive from aquaculture.

Infectious diseases have been a limiting factor for the sustainable intensification and expansion of the aquaculture sector. To prevent and control these diseases, biosecurity, comprehensive treatment plans for animal populations, and novel prevention strategies are required. The implementation of these measures can be at different spatial and management levels (e.g. country, zone, compartment, and farm), and they need to target a range of farm types, including small farm holdings and large corporate farms.

In this Special Issue, we invite contributions (either short communications, original research manuscripts, or reviews) which address any aspects of biosecurity in aquaculture, new disease control strategies, and/or novel prevention technologies.



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Special Issue



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Editor-in-Chief

Prof. Dr. Clive J. C. Phillips

1. Institute of Veterinary Medicine
and Animal Sciences, Estonian
University of Life Sciences,
Kreutzwaldi 1, 51014 Tartu,
Estonia
2. Curtin University Sustainability
Policy (CUSP) Institute, Kent St.,
Bentley 6102, Australia

Message from the Editor-in-Chief

Animals is an on-line open access journal that was first published in 2011. *Animals* adheres to rigorous peerreview and editorial processes and publishes only high quality manuscripts that address important issues in the many varied disciplines that involve animals, with a focus on animal science, animal welfare and animal ethics. *Animals* is covered in the Science Citation Index Expanded (SCIE) in Web of Science, with the latest Impact Factor: 3.0 (2022, ranks 12 /62 (Q1) in ‘Agriculture, Dairy & Animal Science’; 13/143 (Q1) in ‘Veterinary Sciences’), 5-Year Impact Factor: 3.2.

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Contact Us

Animals Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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