# Modern Genetics and Sustainable Breeding in Aquaculture and Fisheries

Guest Editor:

**Dr. Hualiang Liang**
Freshwater Fisheries Research Center, Chinese Academy of Fishery Sciences, Wuxi 214081, China

Deadline for manuscript submissions:
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## Message from the Guest Editor

Dear Colleagues,

Global per capita fish consumption has hit a new record of 20.5kg per year and is expected to increase further in the next decade, underscoring the critical role of fish in global food and nutrition security. However, the development of aquaculture also faces the problem of sustainable development. The goal of this Special Issue, "Modern Genetics and Sustainable Breeding in Aquaculture and Fisheries" is to focus on increasing the health and nutrition metabolism status of aquaculture and maintaining the sustainability of aquaculture. Specifically, the Special Issue is interested in regulation mechanism of functional genes, research on sustainable new protein sources, new functional additives, nutrient metabolism and immune regulation, healthy breeding, etc. Research in these areas can provide new impetus for promoting the sustainable development of aquaculture. The sustainable development of aquaculture is also a concern for all countries. A large number of researchers have carried out a lot of nutrition, immunity, functional regulation and other research, and strive to promote the rapid development of aquaculture.

Special Issue

## Editor-in-Chief

**Prof. Dr. Patrick Butaye**
1. Department of Pathobiology, Pharmacology and Zoological Medicine, Faculty of Veterinary Medicine, Ghent University, Salisburylaan 133, B9820 Merelbeke, Belgium
2. Department of Infectious Diseases and Public Health, Jockey Club College of Veterinary Medicine and Life Sciences, City University of Hong Kong, 31 To Yuen Street, Kowloon, Hong Kong SAR 999077, China

## Message from the Editor-in-Chief

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