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## Advances in Fish Immunology and Vaccination during the Past and in Recent Years

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### Message from the Guest Editors

Dear Colleagues,

Fish are the oldest animal group with an immune system showing clear similarities with the defence systems of mammals and birds. Both innate and acquired immune responses have been described during the 19th and 20th century.

This special issue can be regarded as an update for the successful special issue "Current Topics in Fish Immunology" published in Volume 4 of this journal in 2015 and will provide us with an overview of the developments in fish immunology and vaccination during the past and in recent years.

Deadline for manuscript submissions:

**closed (10 December 2022)**



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**Special** Issue



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## Message from the Editorial Board

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