

Special Issue

Advances in Reproductive Physiology of Fish

Message from the Guest Editors

The reproductive physiology of fish is very important to maintain sustainable development for the aquaculture industry. The aim of this Special Issue is to provide a comprehensive and updated vision on contributions of valuable basic and applied studies that address the reproductive physiology of fish. Generally, the Special Issue is divided into the following sections: (1) Sex determination and differentiation; (2) Brain-pituitary-gonad axis; (3) Oogenesis/vitellogenesis and ovulation; (4) Spermatogenesis and spermiation; (5) Gamete, egg quality, fertilization, and hatching; (6) Reproductive biotechnologies; (7) Environmental and anthropogenic impacts; (8) Behavior and pheromones. Original research articles, short communications and reviews that focus on the reproductive physiology of fish are welcome.

Guest Editors

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Dr. Alejandro S. Mechaly

Deadline for manuscript submissions

30 November 2026



Animals

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 5.5
Indexed in PubMed



mdpi.com/si/262483

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About the Journal

Message from the Editor-in-Chief

Animals is an international, peer-reviewed, open-access journal established in 2011 and published semimonthly online by MDPI. The journal is dedicated to high-quality research across a broad range of animal-related disciplines, including zoology and veterinary sciences, and upholds rigorous peer-review and editorial standards to ensure the publication of impactful work. Indexed in the Science Citation Index Expanded (SCIE) within Web of Science, *Animals* has a 2025 Impact Factor of 3.2 (ranks 13/87 (Q1) in 'Agriculture, Dairy & Animal Science'; 15/170 (Q1) in 'Veterinary Sciences'), 5-Year Impact Factor: 3.5.

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