

Special Issue

Molecular Aspects in Fish and Amphibian Reproduction and Development

Message from the Guest Editors

Fish and amphibians have served for many decades as traditional and popular models for the field of developmental and molecular biology. They have been utilized effectively to elucidate the various molecular mechanisms behind organism formation, development and abnormalities. In fact, many of the mechanisms driving normal and pathological conditions described in biological and medical textbooks are originally derived from these models. However, their impact within the field of modern science has often been underestimated when compared to other traditional models. Our goal is to advertise and reinforce their irreplaceable role as essential tools for the derivation of scientific information and to show their broad applications within the current scope of biological and medicinal experiments. Topics include, but are not limited to:

- amphibian and fish gametes and embryos revealing the roles of biomolecules during development and disease;
- application of unusual amphibian and fish animal models in experiments;
- interesting techniques applied during amphibian and fish experimental work.

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Deadline for manuscript submissions

closed (15 April 2021)



Life

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Impact Factor 3.4
CiteScore 6.0
Indexed in PubMed



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