

Special Issue

Sex Hormones and Sex Differentiation

Message from the Guest Editor

Sexual reproduction is necessary for survival for almost all species. There are two important factors that direct sex determination, namely, genetic and environmental factors. Following the differentiation of testes and ovaries, the sex hormones produced in each gonad play vital roles. Sex steroids, androgens and estrogens are some of the representative hormones. These hormones are essential for the establishment of sexual characteristics. They can often induce sex reversal in various animal species. In addition to sex steroids, it has become apparent that many other hormones and paracrine factors are also involved in the sex differentiation of various organs. Here, we invite original research articles and review articles to update our current knowledge and answer the remaining questions in the field of sex differentiation and hormones.

Guest Editor

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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