



## Extra-Glandular Steroidogenesis, Its Regulation, and the Roles of Locally Produced Steroids

Guest Editor:

**Dr. Luisa Dalla Valle**

Department of Biology, University  
of Padova, 35131 Padova, Italy

Deadline for manuscript  
submissions:

**closed (15 September 2024)**

### Message from the Guest Editor

Dear Colleagues,

The steroidogenic activity of the main endocrine glands (gonads, adrenal cortex and placenta) and the cellular and physiological processes regulated by the steroids produced have long been known and studied.

This Special Issue on “Extra-Glandular Steroidogenesis, Its Regulation, and the Roles of Locally Produced Steroids” welcomes original research and review articles in this field. Potential topics of interest may include, but are not limited to, the following:

- Identification of new tissues/cell types able to activate or synthesize steroid hormones
- New knowledge on the physiological and pathological role of extra-glandular steroidogenesis
- The role of steroids produced by immune cells in the regulation of the immune response
- Molecular and cellular regulation of peripheral steroidogenesis
- The impact of ageing on the extra-glandular synthesis of steroids
- Effect of endocrine disruptor on locally produced steroids





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Maurizio Battino

Department of  
Odontostomatologic and  
Specialized Clinical Sciences,  
Sez-Biochimica, Faculty of  
Medicine, Università Politecnica  
delle Marche, Via Ranieri 65,  
60100 Ancona, Italy

## Message from the Editor-in-Chief

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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), PubMed, PMC, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Organic Chemistry)

## Contact Us

*International Journal of Molecular  
Sciences* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
www.mdpi.com

mdpi.com/journal/ijms  
ijms@mdpi.com  
X@IJMS\_MDPI