



The Plasticity of the Innervation of the Urogenital System

Guest Editor:

Prof. Dr. Zenon Pidsudko

Department of Animal Anatomy,
University of Warmia and Mazury,
Olsztyn, Poland

Deadline for manuscript
submissions:

closed (30 April 2024)

Message from the Guest Editor

The plasticity of the innervation of the urogenital tract refers to the ability of the nerves in the urogenital system to adapt and change in response to various stimuli and conditions. This plasticity helps to maintain the proper function of the urogenital system in the face of changing physiological and environmental demands, by allowing the nerves to respond to changes in hormone levels, tissue damage, inflammation, and other stimuli that can affect urogenital function. For example, in response to injury or inflammation, the nerves may release different neurotransmitters or alter their firing patterns to compensate for the damage and maintain proper function. This plasticity is important for normal physiological functioning, as well as for the development of certain pathologies.

Research in this field is ongoing, and there is still much to be learned about the mechanisms underlying the plasticity of the innervation of the urogenital tract. However, understanding this plasticity may provide new insights into the pathophysiology of urogenital disorders and may lead to the development of new therapies for these conditions.





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 (Inorganic 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