



A Special Issue Celebrating the Career of Prof. Dr. Greg Lemke: Multiple Roles of the TAM Signaling Pathway in Physiological Systems

Guest Editor:

Prof. Dr. Tal Burstyn-Cohen
Development Biology and Cancer
Research, Hebrew University-
Hadassah Medical School,
Jerusalem 91904, Israel

Deadline for manuscript
submissions:
closed (31 December 2023)

Message from the Guest Editor

Dear Colleagues,

Since their cloning in 1991, the TAM receptors, comprising of Tyro3, Axl and Mertk have proven to govern many physiological aspects in health and in disease. Their function is necessary for maintaining a healthy homeostasis in various tissues, including the nervous, vascular, visual, bone and immune systems. This Special Issue celebrates the scientific career of Dr. Greg Lemke, whose research has propelled our knowledge and shaped the current understanding on the complex biology of TAM signaling.

Their role in health notwithstanding, the TAM receptors as well as their secreted ligands GAS6 and Protein S (PROS1) are also emerging players in numerous maladies. The ramifications of TAM signaling are featured by their ubiquitous expression in different cell types and tissues, and by their interactions with additional signaling molecules such as phosphatidylserine and non-TAM membrane receptors.

This Special Issue aims to provide a unique and up-to-date collection of selected contributions on advances in understanding the multiple roles of TAM signaling in different physiological systems.





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