



an Open Access Journal by MDPI

# Advances in NK Cell Receptors and Their Ligands

Guest Editors:

#### Prof. Dr. Rossella Paolini

Department of Molecular Medicine, Sapienza University of Rome, Viale Regina Elena, 291, 00161 Rome, Italy

#### Dr. Rosa Molfetta

Department of Molecular Medicine, Sapienza University of Rome, Laboratory Affiliated to Istituto Pasteur Italia— Fondazione Cenci Bolognetti, Viale Regina Elena 291, 00161 Rome, Italy

Deadline for manuscript submissions: closed (31 July 2019)

### **Message from the Guest Editors**

Natural killer (NK) cells are a subset of highly sophisticated innate lymphocytes endowed with a potent and rapid cytotoxicity against infected and transformed cells and the capability to release cytokine and chemokine with immunomodulatory functions. Over the past two decades, new insights into NK cell functions in immune surveillance has been provided by our understanding of what and how NK cell "see" a potential target cell.

This Special Issue welcome submissions of research articles or reviews focused on: 1) receptors acquired during NK cell development; 2) receptors express on different NK cell subsets; 3) signals initiated by activating and inhibitory NK cell receptors; 4) molecular mechanisms regulating expression of NK cell receptors and their ligands in transformed and infected cells.



mdpi.com/si/17939







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