

Special Issue

Natural Killer (NK) Cells: From Virology to Cancer Immunotherapy

Message from the Guest Editors

One of the foremost players of the innate immune system are the natural killer (NK) cells. NK cells have recently been grouped within the innate lymphoid cells (ILCs). NK cells are well known for their cytotoxic function against virus-infected cells and malignant cells. The goal of this Special Issue is to present original research and review papers discussing the recent advancements in the role of NK cells in viral infections and the mechanisms by which viruses escape NK-cell-mediated killing. There will be scope to discuss the molecular mechanisms behind NK cell suppression in solid tumors, the role of specific NK cell subsets in chronic viral infection or cancer, the evaluation of different phenotypes between protective NK cells (antiviral, antitumoral) and inactivated NK cells, and identifying the signals or interactions that can change the NK cell response from suppression to activation. Finally, we are interested in learning how these learnings can be helpful for NK-cell-based cellular immunotherapy.

Guest Editors

Dr. Kiran Kundu

Dr. Susmita Ghosh

Dr. Pulak Ranjan Nath

Deadline for manuscript submissions

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Life
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
life@mdpi.com

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Message from the Editor-in-Chief

Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

Editor-in-Chief

Prof. Dr. Lluís Ribas de Pouplana

Institute for Research in Biomedicine (IRB Barcelona), The Barcelona
Institute of Science and Technology, 08028 Barcelona, Spain

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