

Special Issue

Natural Killer and NKT Cells in Cancers

Message from the Guest Editors

Natural Killer (NK) as well as Natural Killer T (NKT) cells represent exceptional lymphocyte populations with major tumor-killing activity. NK cells possess activating as well as inhibitory receptors. Most NKT cells recognize the antigen-presenting molecule CD1d. NKT cells are classified into type 1 invariant, type 2 diverse, and NKT-like cells. NK, as well as NKT cells, have been shown to play an essential role in autoimmune diseases as well as in cancer. NKT cells are present in peripheral blood mononuclear cells or cord blood in low numbers but can be expanded in vitro. Most clinical trials with NKT cells have been performed with Cytokine-Induced Killer (CIK) cells. CIK cells are licensed, e.g., in Germany. Due to their easy availability and potent antitumor activity, NK and NKT cells have emerged as promising immunotherapeutic approaches in oncology and may become very important in the prognosis of cancer. This Special Issue, "Natural Killer (NK) and Natural Killer T (NKT) Cells in Cancers", will cover a selection of recent research topics and current review articles in this field. Experimental papers, up-to-date review articles, and commentaries are all welcome.

Guest Editors

Prof. Dr. Ingo Schmidt-Wolf

Department of Integrated Oncology-CIO Bonn, University Hospital Bonn, Bonn, Germany

Dr. Amit Sharma

Department of Neurosurgery, University Hospital Bonn, 53127 Bonn, Germany

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4052 Basel, Switzerland
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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.

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

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