

# Natural Killer Cell Protocols: Cellular and Molecular Methods, Issue 284, Volume 121, ISSN 1940-6029, // Humana Press, 2000 // Kerry S. Campbell, Marco Colonna (M.D.) // 2000 // 9780896036833 // 398 pages

Natural killer cells, also known as NK cells or large granular lymphocytes (LGL), are a type of cytotoxic lymphocyte critical to the innate immune system. The role of NK cells is analogous to that of cytotoxic T cells in the vertebrate adaptive immune response. NK cells provide rapid responses to virus-infected cells, acting at around 3 days after infection, and respond to tumor formation. Typically, immune cells detect the major histocompatibility complex (MHC) presented on infected cell surfaces. Comprehensive and cutting-edge, *Natural Killer Cell Protocols: Cellular and Molecular Methods, Second Edition* seeks to aid researchers and further advance our understanding of the functions, maturation, and regulation of these fascinating and dynamic cells. Show all. Reviews. From the reviews of the second edition: "Natural Killer Cell Protocols is a comprehensive collection of in vivo and in vitro protocols edited by Kerry S. Campbell. It is designed for those who have specific questions to ask about NK cells and to answer such questions through a detailed experimental plan using the most up-to-date Molecular Oncology is an open access international journal that highlights new discoveries, approaches, and technical developments in basic, clinical, and discovery-driven translational cancer research. We focus on work that significantly advances our understanding of disease processes leading to human tumour development and/or establishes novel concepts of clinical significance in diagnosis, prognosis, and prevention strategies. Molecular Oncology is an open access journal for new discoveries, approaches, and technical developments in basic, clinical, and discovery-driven translational cancer research. We focus on work that significantly advances understanding of disease. This Special Issue, "Natural Killer (NK) and Natural Killer T (NKT) Cells 2020", 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. Natural Killer (NK) as well as Natural Killer T (NKT) cells represent exceptional lymphocyte populations with major tumor-killing activity.