# Topical Collection

# Immunity, Inflammation, Oxidative Stress and Cancer

## Message from the Collection Editor

Cancer is a constant enigma for the immune system, which we assume acts as our crucial defense mechanism, due to the simplified perception of COVID-19. Scientists have also assumed immunology will eventually provide effective solutions to cure cancer, while the ongoing pandemics demand reconsidering crucial pathophysiological aspects of immunology, notably of immunity and of inflammation in general (cytokine storm, trained immunity, etc.) and in respect to cancer in particular (the most fearsome, immunosuppressive “comorbidity”). Therefore, the aim of this Special Issue (SI) is to collect comprehensive reviews and original research papers that provide new findings on the complex relationship between cancer and the immune system, focusing on inflammation, cancer development and therapies in particular. The onset of oxidative stress and endogenous and exogenous pro- and anti-oxidants will be of particular interest for the scope of this SI that aims to provide a better understanding of immunity, inflammation and cancer, thus offering new ideas and concepts for better diagnostics and treatment protocols.


**Collection Editor**

Prof. Dr. Neven Zarkovic

Laboratory for Oxidative Stress (LabOS), Rudjer Boskovic Institute, Bijenička 54, HR-10000 Zagreb, Croatia



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*Cells*
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
cells@mdpi.com

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# About the Journal

## Message from the Editorial Board

*Cells* has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

## Editors-in-Chief

Prof. Dr. Alexander E. Kalyuzhny
Neuroscience, UMN Twin Cities, 6-145 Jackson Hall, 321 Church St SE, Minneapolis, MN 55455, USA

Prof. Dr. Cord Brakebusch
Biotech Research & Innovation Centre, The University of Copenhagen, Copenhagen, Denmark

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indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, CAPlus / SciFinder, and other databases.

**Journal Rank:**

JCR - Q2 (Cell Biology) / CiteScore - Q1 (General Biochemistry, Genetics and Molecular Biology)

**Rapid Publication:**

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.5 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the first half of 2024).