Special Issue

Viral Proteins for Synthetic Biology

Message from the Guest Editor

The aim of this Special Issue is to offer an opportunity to collect the newest contributions in the field of biologically active viral proteins. Synthetic biology underlies the possibility to control cells by introducing new molecules and networks. The aim of this Special Issue is to facilitate the exchange of information and promote scientific and technical knowledge relating to viruses that normally live in and among us for genetic blueprints that enable them to make biologically active molecules. These proteins may act as powerful tools for controlling cell biology and serve as the basis for developing new therapeutic drugs against different human diseases, including cancer. Viral proteins with novel functions will greatly improve the mechanistic knowledge about their activity and help us to design small, simple, and non-immunogenic polypeptides that are still able to achieve the desired biological activity. These minimalist proteins or peptides will represent future drugs to be used in humans. All researchers working in the field are cordially invited to contribute with original research papers or propose reviews to this Special Issue of *Cells*.

Guest Editor

Prof. Dr. Arnaldo Caruso

Department of Molecular and Translational Medicine, University of Brescia, Viale Europa, 11–25123 Brescia, Italy

Deadline for manuscript submissions

closed (30 June 2021)

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

mdpi.com/journal/cells

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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.

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).