



viruses



an Open Access Journal by MDPI

Baculovirus Advances and Applications

Guest Editors:

Prof. Dr. Linda King

Department of Biological and
Medical Sciences, Oxford Brookes
University, Oxford, UK

Prof. Robert Possee

Department of Biological and
Medical Sciences, Oxford Brookes
University, Oxford, UK

Deadline for manuscript
submissions:

closed (30 September 2018)

Message from the Guest Editors

Dear Colleagues,

It is now more than 30 years since the use of baculoviruses as expression vectors was first described. Since then, many hundreds, if not thousands, of genes have been expressed in insect cells using the baculovirus system. Advances have been made to enable multiple genes to be expressed that can assemble into protein complexes including virus-like particles. High yields of quality proteins including those targeted to membranes or for secretion can be attained. The vectors have also been modified to facilitate gene expression in mammalian and human cells. These developments have enabled the insect expression system to be at the forefront of developments to produce new vaccines for human and animal health, and as a vector for the delivery of genes into human tissue. It is these developments that form the focus of this Special Issue.

Prof. Linda King

Prof. Robert Possee



mdpi.com/si/12133

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

Dr. Eric O. Freed

Director, HIV Dynamics and
Replication Program, Center for
Cancer Research, National
Cancer Institute, Frederick, MD
21702-1201, USA

Message from the Editor-in-Chief

Viruses (ISSN 1999-4915) is an open access journal which provides an advanced forum for studies of viruses. It publishes reviews, regular research papers, communications, conference reports and short notes. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the length of the papers. The full experimental details must be provided so that the results can be reproduced. We also encourage the publication of timely reviews and commentaries on topics of interest to the virology community and feature highlights from the virology literature in the 'News and Views' section.

Electronic files or software regarding the full details of the calculation and experimental procedure, if unable to be published in a normal way, can be deposited as supplementary material.

Author Benefits

Open Access: free for readers, with **article processing charges (APC)** paid by authors or their institutions.

High Visibility: indexed within **Scopus**, **SCIE (Web of Science)**, **PubMed**, **MEDLINE**, **PMC**, **Embase**, **PubAg**, **AGRIS**, and **other databases**.

Journal Rank: JCR - Q2 (*Virology*) / CiteScore - Q1 (Infectious Diseases)

Contact Us

Viruses Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/viruses
viruses@mdpi.com
[X@VirusesMDPI](https://twitter.com/VirusesMDPI)