







an Open Access Journal by MDPI

# **Antibodies and B Cell Memory in Viral Immunity**

Guest Editors:

#### Dr. Jonathan Wilson Yewdell

Cellular Biology Section, Laboratory of Viral Diseases, National Institute of Allergy and Infectious Diseases (NIAID), Bethesda, USA

### Dr. Davide Angeletti

Institutionen för biomedicin, Göteborgs universitet, Gothenburg, Sweden

Deadline for manuscript submissions: **closed (31 December 2021)** 

# **Message from the Guest Editors**

Dear Colleagues,

The aim of this Special Issue is to present focused reviews on recent advances in understanding:

- The basic immunobiology responsible for primary and memory B cell and antibody responses to acute viral infections:
  - Contributions of various immune cell types in classical germinal center response and extrafollicular response;
- The diversity and immunodominance of antiviral antibody responses;
- How antibodies exert antiviral activity in vivo;
  - Direct effects and contributions of Fc expressing innate immune cells;
- How antibody selection contributes to viral evolution;
- Viral interference with B cell immunity;
- Computational modeling of Ab responses.

Dr. Jonathan Wilson Yewdell Dr. Davide Angeletti Guest Editors







IMPACT FACTOR 4.7



CITESCORE 7.1

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 <u>article processing charges (APC)</u> 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**