

## Special Issue

# LCMV – A Pillar for Immunology Research

### Message from the Guest Editor

Since its original description by Charles Armstrong in 1934, lymphocytic choriomeningitis virus (LCMV) has been a useful instrument in the immunologists' toolbox. LCMV has been central to the discovery of a wide range of immunological concepts, both relevant to the antiviral host response and beyond. They include ground-breaking experiments by Rolf Zinkernagel and Peter Doherty that led to the discovery of MHC molecules and ultimately the concept of self tolerance, and Michael Oldstone's work on viral immunopathology and chronic infection. Likewise, the seminal works of Rafi Ahmed, E. John Wherry and many others to characterise functional T cell exhaustion laid the foundation for the development of new treatments for chronic infections and malignant diseases. There is no doubt that the study of LCMV will continue to open new avenues of research in immunology. The goal of this Special Issue is to assemble both reviews and original research manuscripts that focus on LCMV as both a model and pathogen to illuminate the diverse nature of anti-viral responses.

### Guest Editor

Dr. Markus J. Hofer

School of Life and Environmental Sciences, The University of Sydney, Sydney, Australia

### Deadline for manuscript submissions

closed (30 June 2019)



## Viruses

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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[viruses@mdpi.com](mailto:viruses@mdpi.com)

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### Editor-in-Chief

Dr. Eric O. Freed

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

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