

Special Issue

Viral Diseases of the Respiratory System—Molecular Mechanisms and Pathogenesis

Message from the Guest Editor

Viral infections of the upper and lower respiratory system represent global health issues. Infections can be self-limiting or cause severe acute disease and even fatalities in vulnerable groups such as infants, the elderly, and immunocompromised patients. Moreover, persistent pulmonary changes and long-term respiratory problems can occur following infection. In the last several decades, reported cases of pneumotropic agents causing emerging and re-emerging diseases in humans and animals have increased. Recent research in infectious pulmonary diseases such as measles, influenza and the current COVID-19 pandemic clearly shows that detailed knowledge about viral properties, virus entry, molecular pathology, and disease pathogenesis is essential for the development of effective prevention and treatment strategies. This Special Issue aims to provide an up-to-date collection of original research and review articles focusing on the progress in infection biology of viral pathogens of the respiratory system.

Guest Editor

Prof. Dr. Andreas Beineke

Department of Pathology, University of Veterinary Medicine, Bünteweg 17, D-30559 Hannover, Germany

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MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle
Marche, Via Ranieri 65, 60100 Ancona, Italy

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