

Special Issue

Pneumonia Basic Science

Message from the Guest Editors

Pneumonia is a clinical and public health issue worldwide, affecting approximately 400 million people and causing more than 2 million deaths/year. Studies on pathophysiology are providing new insights into the mechanisms underlying the host response and have led to the discovery of new molecules designed to face infection and inflammation related to pneumonia. This Special Issue of *Biomedicines* focuses on recent advances in the role of microbiome, host genetics, immune response, new biomarkers, and new treatment of this disease. The goal is to stimulate research and clinical interests in this exciting field with the hope of developing strategies for prevention, better understanding the pathophysiological mechanisms and improving treatment outcomes both in immunocompetent and immunocompromised patients with pneumonia.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Biomedicines (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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