



Cellular Immunity in the Lung

Guest Editors:

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submissions:

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Message from the Guest Editors

Dear Colleagues,

The role of immune responses in the lung has been brought into sharp focus with the ongoing SARS-CoV-2 pandemic. Numerous microbial pathogens are a threat to lung function and overall health, particularly in those with underlying lung conditions, as well as in people with other risk factors including medical, geographical, and socioeconomic disparities. A fine balance must be achieved in the lung between sufficient immune responses to prevent or clear microbial colonization and/or disease, and the prevention of excessive immune responses that damage the lung and other tissues and organs. Effective immune responses involve innate immunity such as alveolar macrophages, neutrophils, and natural killer cells; and adaptive immune responses including T cells (CD4 and CD8), and B cells/antibodies. Categories of immune responses, including the appropriate cellular effector, memory, homing, and specificity phenotype, are key.

For further reading, please visit the [Special Issue website](#).





Editor-in-Chief

Prof. Dr. Cesar A. Moran

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Message from the Editor-in-Chief

Over the last decade, the amount of information pertaining to thoracic structures has been unprecedented. The thorax is unique in terms of the different structures that involve the respiratory system—lungs, pleura, upper and lower respiratory tract—all located in the mediastinum that by itself represents a different compartment with its own wealth of conditions, and that also includes the Thymic gland. Therefore, we believe that the availability of a new open access journal, *JoR*, dedicated to highlighting and disseminating information related to the respiratory system is not only timely but is also absolutely necessary. As we can see, the information related to the respiratory systems is vast and there could not be anything more and better than to have a journal that is dedicated to the promotion, dissemination, and efficient publication of timely articles on the respiratory system including all its structures.

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