

## Special Issue

# Stem Cell-Based Approaches for Treatment of Lung Disease

### Message from the Guest Editor

Airway disease, both acute and chronic, remains a major healthcare burden and is expected to increase with an aging population. Altering the course of these intractable diseases will require innovative and novel approaches to understand the underlying mechanisms of disease and develop therapeutic alternatives with a realistic path to clinical translation. This Special Issue of *Bioengineering* on Stem Cell Approaches for Treatment of Lung and Airway Disease will highlight the application of stem cells in the lung, bringing together contributions from leading experts across the globe. Content will encompass original research and comprehensive reviews focused on the application of stem cells for (1) cell-based therapeutic approaches for attenuation and/or abrogation of disease, (2) ex vivo cell culture systems as platforms for disease modeling and therapeutics, and (3) tissue regeneration for replacement of damaged lung and airway tissue.

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### Guest Editor

Dr. Golnaz Karoubi

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### Deadline for manuscript submissions

closed (20 March 2023)



## Bioengineering

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### Editor-in-Chief

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