

Special Issue

Clinical Advances in Cystic Fibrosis

Message from the Guest Editor

Cystic fibrosis (CF) is a genetic disease, where a mutation of a protein called cystic fibrosis transmembrane conductance regulator leads to an alteration of ion transport across the cellular membrane, and the to the production of thick, sticky mucus that clogs the airways and traps microorganisms. The main problem associated with CF disease is represented by recurrent infections due to multi-resistant bacteria, including *Pseudomonas aeruginosa*. Recently, the WHO included *P. aeruginosa* in the ESKAPE pathogens, multi-resistant bacteria capable of 'escaping' the biocidal action of antibiotics and mutually representing new paradigms in pathogenesis, transmission and resistance. This Special Issue aims to publish contributions from distinguished authors who actively experience innovations in the field of CF and want to provide more solid scientific evidence. All researchers are invited to contribute original works and reviews.

Keywords

- cystic fibrosis
- lung disease
- respiratory diseases
- infection diseases
- multi-drug resistant bacteria
- innovative anti-virulence strategies

Guest Editor

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There has been an explosion of gene and target based research and therapeutics in the multitude of fields that compose clinical medicine. The *Journal of Clinical Medicine's* (JCM) staff and editorial board are dedicated to providing cutting edge, timely, and peer-reviewed articles covering the diverse subspecialties of clinical medicine. The journal publishes concise, innovative, and exciting research articles as well as clinically significant articles and reviews that are pertinent to the myriad of disciplines within medicine. The articles published are relevant to both primary care physicians and specialists. The journal's full-texts are archived in PubMed Central and indexed in PubMed. Please consider submitting your manuscripts for publication to our journal and check us out on-line!

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