

Special Issue on **Inflammatory Response in the Airways: Asthma and COPD**

CALL FOR PAPERS

Asthma and chronic obstructive pulmonary disease (COPD) are two common but distinct diseases with a severe impact on patient quality of life. Both are characterized by chronic inflammation in the lungs leading to difficulty in breathing, but the nature of the inflammatory response underlying these diseases differs. There have been recent advances in understanding the diversity and large number of clinical phenotypes within each disease, and understanding the nature and inflammatory profile of these diseases is crucial for the design of both new and specific therapeutic approaches.

This special issue will examine the role of cellular mediators of inflammation in both asthma and COPD, through the role of cytokines, extracellular vesicles (EVs), and irritants in driving the immune response. Authors are invited to submit original research and review articles about the role of the inflammatory response in the development and pathophysiology of these diseases, comparing asthma and COPD with a focus on understanding the different phenotypes of disease and any resulting novel diagnosis and treatment opportunities. The special issue specifically invites articles describing research using nonanimal, human-focussed approaches and human clinical data to maximise human relevance.

Potential topics include but are not limited to the following:

- ▶ The defining features of inflammation in asthma and COPD
- ▶ The role of EVs in COPD/asthma
- ▶ Specific cell inflammatory cytokine production
- ▶ Cellular interaction during the immune response in asthma/COPD
- ▶ Phenotypic profiling of asthma/COPD
- ▶ Innate/adaptive immune responses in COPD/asthma
- ▶ Targeting inflammation to prevent COPD/asthma
- ▶ Exposure to infectious agents, allergens, irritants, and other inhalable materials

Authors can submit their manuscripts through the Manuscript Tracking System at <https://mts.hindawi.com/submit/journals/mi/airas/>.

Papers are published upon acceptance, regardless of the Special Issue publication date.

Lead Guest Editor

Lucy Fairclough, University of Nottingham, Nottingham, UK
lucy.fairclough@nottingham.ac.uk

Guest Editors

Stella Cochrane, Unilever, London, UK
stella.a.cochrane@unilever.com

Jonathan Corne, Nottingham University Hospitals NHS Trust, Nottingham, UK
jonathan.corne@nuh.nhs.uk

Submission Deadline

Friday, 25 October 2019

Publication Date

March 2020