

Special Issue on
New Insights into Small Airways Diseases

CALL FOR PAPERS

The small airways are less than 2 mm in internal diameter. The physical characteristics of the small airways are unique in that these bronchioles are noncartilaginous, make up 85–90% of the epithelial surface area (yet contribute very little to total airway resistance), and are vulnerable to complete obstruction due to the narrow lumen. Transcellular electrolyte transport across the small airway epithelium is likely to play critically important roles in absorption and secretion of solutes in the bronchioles. Detailed electrophysiological characterizations of small airway cells have not been completed. Moreover, small airways are not easily visualized by conventional imaging techniques. For these reasons, there are many challenges in diagnosing, classifying, and treating bronchiolar disorders.

This journal is seeking basic, translational, and clinical research manuscripts that examine the role of small airways in normal healthy lung and/or under pathophysiological conditions. We especially welcome submissions that address newly emerging concepts of small airway surface liquid regulation and papers that yield new insight into the role of small airways in obstructive disorders such as cystic fibrosis. All manuscripts submitted that open up promising new directions for future research will be given full consideration by the editorial team.

Potential topics include but are not limited to the following:

- ▶ Novel electrophysiological characterization of ion transport in the small airways
- ▶ Advances in imaging technology used in the diagnosis of small airways disease
- ▶ Involvement of small airways under pathophysiological circumstances
- ▶ Inflammation, infection, and airflow limitation due to obstruction of small airways
- ▶ Lung transplantation and progressive obstruction of the small airways
- ▶ Damage of small airways due to environmental exposures
- ▶ Common and unusual clinical case reports, or clinical image, of bronchiolar disease

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

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

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