

## Tentative Outline

### Special Thematic Issue for the journal: Current Respiratory Medicine Reviews (CRMR)

**Tentative Title: Pulmonary Hypertension: Current State of the Art**

**Sectional Editor: Michael I. Lewis M.D.**

#### • **Scope of the Thematic Issue:**

This issue will cover the overall topic of PULMONARY HYPERTENSION. It will provide key reviews and details on all forms of pulmonary hypertension written by senior experts in the field (nationally and internationally). It will be geared to treating physicians and all specialties that could deal with pulmonary hypertension. It will allow for a broad understanding of pathophysiology, clinical details and workup and state of the art approaches to treatment. 10 reviews on a variety of important topics are proposed.

**Keywords:** pulmonary hypertension, pulmonary arterial hypertension, right ventricle, pathophysiology, hemodynamics, echocardiography, cardiac MRI, CTEPH, lung diseases, heart disorders, therapeutics

#### **Sub-topics:**

The sub-topics to be covered within the issue should be provided:

- Pathophysiology and pathobiology of pulmonary arterial hypertension
- Detailed chapters on the 5 main classification groups of pulmonary hypertension.
- Appropriate workup of pulmonary hypertension
- Latest risk assessment of pulmonary hypertension
- State of the art treatment approaches for all forms of pulmonary hypertension
- Evaluation of special topics including an understanding of the pathophysiologic principles and treatment issues for congenital heart disease, pregnancy and right heart failure in patients with pulmonary hypertension

#### **Tentative titles of the articles:**

Tentative titles of the articles and list of contributors with their names, designations, addresses and email addresses should be provided.

1. Pulmonary Arterial Hypertension (PAH) Group 1: Overview, workup, risk stratification, and current (and future) treatment approaches
2. Pathobiology of Pulmonary Arterial Hypertension, including genetics
3. Pulmonary Hypertension owing to left heart disease (Group 2)
4. Pulmonary Hypertension owing to lung disease (Group 3)
5. Chronic Thromboembolic Pulmonary Hypertension (Group 4)
6. Pulmonary Hypertension due to Conditions with Multifactorial Mechanisms (Group 5): Emphasis on hemoglobin disorders and sarcoidosis
7. The Right Ventricle in Pulmonary Hypertension: an Organ at the Heart of the Problem
8. ICU Management of Right Heart Failure and Lung Transplantation for Pulmonary Hypertension
9. Pulmonary Hypertension associated with Congenital Heart Disease
10. Management of the Pregnant Patient with Pulmonary Hypertension

#### **Schedule:**

✧ Thematic issue submission deadline: **January 30, 2023**

#### **Contacts:**

Sectional Editors Name: Michael I. Lewis MD

Affiliation: Cedars Sinai Medical Center

Email: lewism@cshs.org