

Special Issue

Histiocytic Disorders of the Lung: Updates in Diagnosis, Molecular Alterations, and Novel Therapeutics Options

Message from the Guest Editor

Although rare, histiocytic disorders may affect the lung in the form of either a primary or secondary disease. These disorders include Langerhans cell histiocytosis; Erdheim–Chester disease; Rosai–Dorfman disease; juvenile xanthogranuloma; crystal-storing histiocytosis; as well as other less well-known entities, such as ALK+ or NTRK+ histiocytosis/histiocytic tumors. Once considered reactive proliferations, several studies published within the last two decades have shown that at least a subset of these disorders are clonal- and/or harbor-specific molecular alterations that may translate into potential therapeutic targets, such as with the detection of recurrent genetic alterations in molecules involved in the activation of the RAS/RAF/MAPK signaling pathway. This Special Issue is dedicated to the study of current and emerging tools in the diagnostic armamentarium of pulmonary histiocytic disorders as well as to novel and promising therapeutic approaches, including the use of molecularly targeted therapies. For more information, please visit Special Issue [website](#).

Guest Editor

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Deadline for manuscript submissions

closed (30 September 2024)



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About the Journal

Message from the Editor-in-Chief

Over the last decade, the amount of information pertaining to thoracic structures has been unprecedented. The thorax is unique in terms of the different structures that involve the respiratory system—lungs, pleura, upper and lower respiratory tract—all located in the mediastinum that by itself represents a different compartment with its own wealth of conditions, and that also includes the Thymic gland. Therefore, we believe that the availability of a new open access journal, *JoR*, dedicated to highlighting and disseminating information related to the respiratory system is not only timely but is also absolutely necessary. As we can see, the information related to the respiratory systems is vast and there could not be anything more and better than to have a journal that is dedicated to the promotion, dissemination, and efficient publication of timely articles on the respiratory system including all its structures.

Editor-in-Chief

Prof. Dr. Cesar A. Moran

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