

Special Issue

Molecular Research in Sarcoidosis and Granuloma

Message from the Guest Editor

Sarcoidosis is a prototypic chronic granulomatous inflammatory disorder that predominantly affects the lung. The etiology is unclear, but it appears that certain inciting factors (such as infections, organic dusts, carbon nanotubes, etc.) trigger dysregulated immunity, mediated mostly by alveolar macrophages, which leads to granuloma formation. Initial formation of the granuloma involves the release of a large repertoire of pro-inflammatory mediators designed to recruit neutrophils and other cells into the area. If neutrophils cannot destroy the substance, it is phagocytized by macrophages which release additional pro-inflammatory cytokines and chemokines. Failure of macrophages to destroy the substance within the granuloma results in a chronic inflammatory pulmonary condition that can have significant morbidity. Even though sarcoidosis mostly affects the lung, for this series collection on sarcoidosis, we are inviting original research articles that encompass other types of granulomas affecting other organs in sarcoidosis. Research at the molecular level is highly encouraged.

Guest Editor

Dr. Anagha Malur

Department of Internal Medicine, Division of Pulmonary, Critical Care and Sleep Medicine, The Brody School of Medicine, East Carolina University, Greenville, NC, USA

Deadline for manuscript submissions

closed (30 April 2024)



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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle
Marche, Via Ranieri 65, 60100 Ancona, Italy

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