

## Special Issue

# Molecular Basis of Autoimmune Diseases

### Message from the Guest Editor

Autoimmune diseases arise from complex interactions between genetic, epigenetic, and environmental factors, leading to immune system dysregulation and self-reactivity. Recent advancements in molecular biology have significantly improved our understanding of the mechanisms underlying autoimmunity, including the roles of immune checkpoints, cytokine signaling, genetic predisposition, and epigenetic modifications. Identifying the molecular markers and pathways associated with autoimmune disorders is essential in developing targeted therapeutic strategies and improving diagnostic precision. This Special Issue, “Molecular Basis of Autoimmune Disease”, will explore the latest discoveries around the molecular mechanisms driving autoimmune diseases. We welcome original research articles and reviews covering topics such as immune system dysfunction, novel biomarkers, gene–environment interactions, therapeutic advancements, and emerging technologies in autoimmune disease research. Studies incorporating genomics, transcriptomics, proteomics, and systems biology approaches are particularly encouraged.

### Guest Editor

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### Deadline for manuscript submissions

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## Current Issues in Molecular Biology

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## About the Journal

### Message from the Editor-in-Chief

*Current Issues in Molecular Biology* (CIMB, ISSN 1467-3045) is an international, peer-reviewed, open access journal established in 1999 and published monthly online by MDPI (from Volume 43 Issue 1-2021). CIMB publishes original research articles and comprehensive reviews on emerging and significant topics in molecular biology, covering all aspects of molecular biology and related interdisciplinary fields. We invite you to read recent articles published in CIMB and consider submitting your next research to the journal, particularly studies exploring mechanistic insights, translational applications, and interdisciplinary approaches across molecular biology.

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### Editor-in-Chief

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