

## Special Issue

# The Role of Immune System in Tissue Repair and Regeneration

### Message from the Guest Editors

We invite you to contribute to this Special Issue of the *International Journal of Molecular Sciences* on “Innate Immunity and Tissue Remodeling Research”. Inflammation and innate immunity are highly conserved processes and are functionally linked to tissue repair and wound healing in both vertebrates and invertebrates. Moreover, recent discoveries have also suggested a crucial role of adaptive immunity in the regenerative capacity of vertebrates' limbs. This Special Issue will bring together original research articles and reviews on cells, immunity-effector molecules, and mechanisms involved in regulating inflammation, innate and adaptive immunity, and tissue regeneration processes. New information and a better understanding of this field would be helpful to find new approaches for clinical application to decrease wound complications and obtain successful tissue regeneration.

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### Guest Editors

Dr. Annalisa Grimaldi

Dr. Maria Giovanna Parisi

Dr. Nicolò Baranzini

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### Deadline for manuscript submissions

closed (20 April 2025)



## International Journal of Molecular Sciences

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### Message from the Editor-in-Chief

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.

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### Editor-in-Chief

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