

## Special Issue

# State-of-the-Art Pain Medicine

### Message from the Guest Editor

At various levels, pain medicine is one of the most growing specialties and includes understanding the pathophysiology of different pain conditions, the mechanisms of action of several treatment modalities, and, most importantly, the rapid development of minimally invasive procedures that provide relief for patients without the need for major surgeries. Our Special Issue aims at presenting the most recent original research articles and review articles in pain medicine, focusing on the pathophysiology, mechanisms of action, and treatments.

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### Guest Editor

Dr. Alaa Abd-Elsayed

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### Deadline for manuscript submissions

closed (31 July 2025)



## Biomedicines

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**Impact Factor 3.9**  
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## About the Journal

### Message from the Editor-in-Chief

*Biomedicines* (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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### Editor-in-Chief

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