

## Special Issue

# Precision Medicine in Anesthesia and Pain

### Message from the Guest Editor

Chronic pain impacts millions globally, leading to a significant decline in quality of life and placing a heavy burden on healthcare systems. Current treatment options often fail to provide sufficient relief without adverse effects, underscoring the critical need for new therapeutic targets. Additionally, the research topic will explore the potential of targeting NPY receptors as a novel therapeutic approach for pain management. By modulating NPY pathways, there is the possibility to develop innovative treatments that offer effective pain relief while reducing the risks of addiction and tolerance often associated with opioids. Preclinical and clinical research will be evaluated to determine the feasibility of NPY-based therapies and to identify potential challenges in transitioning these findings into clinical use. We call for original research articles and reviews on behavioral pharmacology, calcium imaging (in vitro and in vivo fiber photometry), electrophysiology, chemogenetics, optogenetics, viral tracing, etc.

### Guest Editor

Dr. Paramita Basu

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### Deadline for manuscript submissions

25 November 2026



## Journal of Personalized Medicine

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## About the Journal

### Message from the Editor-in-Chief

*Journal of Personalized Medicine* is one of the few journals that covers the diverse areas involved in the field, including research at basic, translational, and clinical levels. It focuses on “omics”-level studies that seek to define the basis of interindividual variation in susceptibility for a disease, its prognosis or definition of clinical subsets, and response to therapy (pharmacogenomics). We are also interested in systems biology as it relates to interindividual variation, and research on new methodologies, informatics, and biostatistics, in the aforementioned areas.

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### Editor-in-Chief

Prof. Dr. Kenneth P.H. Pritzker

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 25 days after submission; acceptance to publication is undertaken in 5.8 days (median values for papers published in this journal in the second half of 2025).