

Special Issue

Pharmacodynamics Modeling of Anti-inflammatory Drugs (2nd Edition)

Message from the Guest Editors

This Special Issue on “Pharmacodynamics Modeling of Anti-inflammatory Drugs (2nd Edition)” aims to establish a more detailed mechanism of action for natural products appropriate for precision medicine. Topics include, but are not limited to, the following:

- Development of new natural products to modulate the hyperproduction of cytokines in macrophages induced by pathogens;
- Evaluation of the anti-inflammatory effects of natural products by suppressing the activation of the STAT pathway;
- Research on the calcium signaling pathway in inflammation alleviated by natural products;
- Study of the effects of natural products on inflammatory diseases related with mitogen-activated protein kinase;
- Investigation of analgesic and anti-inflammatory effects of natural products with the serum cytokine level;
- Study of the regulatory effects of natural products on the endoplasmic reticulum stress-related signaling pathway.

Guest Editors

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Deadline for manuscript submissions

closed (5 November 2025)



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Editor-in-Chief

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