

Special Issue on
“Signal Transduction Mechanisms”

Aims and Scope

[SOJ Immunology](#) is a peer reviewed open access journal, exclusively designed for the international Scientific community that addresses ongoing research on Immunology, which aims to provide a unique platform for publishing high quality research work. The journal provides current research information in basic and advanced aspects of the immune system, physiological function and host defense mechanisms.

Cellular signaling is the base for the extra- and intracellular communication. Diverse signal recognition receptors and signal transduction pathways were defined which regulate cellular functions, metabolism and development. Very significant developments have been occurred in Cellular Signaling Systems.

The objective of the special issue is to integrate the growing international community of researchers working on the topics like role of distinct signaling receptors, signal delivery across the plasma membrane and the complexity of the crosstalk between various signaling pathways.

Topics

This special issue deals with the topics of the following but not limited to

- Identification of Extra- And Intracellular Signaling Molecules
- Analysis of Receptor-Signal Recognition
- Cell Signaling and Apoptosis
- Nf-Kb Signaling
- Receptors in Signal Transduction
- Cell Signal Transduction: Role in Cancer and Human Disease
- Molecular Mechanisms of Signal Transduction
- Significance of Signal Transmission for Immune Regulation
- Extracellular Signaling Molecules
- Immunocytochemical Markers
- Quorum-Sensing Signaling Molecules
- Protein Kinase Signal Transduction
- Signal Transduction of Dendritic Cells
- Integration of Neural and Immune Pathogen Sensing, Response

Extracytoplasmic Stress Response System
Mediators of Signal Transduction
G-Protein Coupled Receptor
Signal Transduction Pathway
Cell Membrane Receptors
Cell Communication Signaling
Signaling Networks
Signaling *via* Posttranslational Modification

Submissions

Authors are invited to submit articles which address the progress and current standing of cellular signaling processes. Please refer [Author guidelines](#) before submission.

Author benefits for these submissions will be found at [Special issue page](#). Use the Online [Manuscript Tracking System](#) to submit your papers or e-mail it to immunology@symbiosisonline.org

Submissions are open from January 05, 2015

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