# Special Issue

# Nod-Like Receptors

### Message from the Guest Editors

Nod-like receptors (NLRs) form a family of intracellular pattern recognition receptors (PRRs) that were first described about 20 years ago. They are dedicated to sensing pathogens and pathogen-associated molecular patterns (PAMPs) in the cytoplasm. The biological functions of NLRs are diverse; they can form inflammasome complexes, activate NF-kB and MAPK pathways, and regulate inflammatory signaling pathways and pyroptosis. Although the role of different NLR proteins in diverse microbial infections has been extensively studied, the critical role of NLRs in inflammatory and autoimmune diseases is still significant. This Special Issue aims to enhance the current knowledge of any aspect of the function, activation and regulation of Nod-like receptors with original research articles, and to summarize the current state of this complex field with compelling reviews. We welcome the submission of reviews and original research articles focusing on the molecular mechanisms of the NLR-mediated regulation of immune responses and cell signaling pathways.

### Guest Editors

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### Deadline for manuscript submissions

closed (16 July 2023)

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*Cells* has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

## Editors-in-Chief

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