

Special Issue

New Horizons in Immune Tolerance

Message from the Guest Editor

Dear Colleagues and Fellow Researchers, The impact of inflammation, infection, and cancer in breaking immune tolerance during defense, surveillance, and homeostasis remains unclear. It is therefore relevant to discuss beyond antigen affinity and lymphocyte selection. Plasticity can be affected by immunopotentiators and suppressants, sugar metabolism can be correlated with bacterial symbiosis, and membrane neuro-immune molecules can fail to discriminate between senescence and on-going infection. Alternatively, on-going inflammation can yield long-distance cues inducing macrophage differentiation, affect controlled cell death, and control lipid signaling during resolution. This Special Issue aims to encourage the submission of original research and review manuscripts focused in experimental and clinical work in the field of immune tolerance. Aiming to widen the horizon of the field, this title will approach classic and modern methodologies and focus on the roles of cellular communication and molecular regulation as a bridge between clinical manifestation and the development of auto-immunity.

Guest Editor

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