

Special Issue on **Dendritic Cells: Immune Response in Infectious Diseases and Autoimmunity**

CALL FOR PAPERS

Since the discovery of dendritic cells, they have been extensively studied in several contexts from immunity to pathogens and tumors to the induction of tolerance to transplant, self, and more recently microbiota and diet antigens, with new findings showing up all the time. Recent advances have pointed at new dendritic cells functions and metabolites as well as new dendritic cells subsets with different transcriptomes, which motivated us to focus on a whole special issue in the area.

Dendritic cells are key players on bridging innate and adaptive immune responses. They can activate and polarize lymphocyte responses as well as play a tolerogenic role, which is crucial to the outcome of infectious diseases and autoimmunity. Thereby, expanding the knowledge of their role in different scenarios is crucial for design of new and specific therapeutic approaches.

We invite authors to submit original research and review articles about the role of dendritic cells and their receptors and signaling pathways during infections and autoimmunity on experimental and clinical models.

Potential topics include but are not limited to the following:

- ▶ Dendritic cells on infections (including virus, bacteria, fungus, and parasites) and autoimmunity and the role of the following:
 - ▶ Receptors and signaling pathways activation
 - ▶ Cytokines and mediators
 - ▶ Dendritic cells metabolism in inflammatory process
 - ▶ Specific subset of dendritic cell inflammatory cytokine production
 - ▶ Sensing of microbiota in intestinal inflammation
 - ▶ Cellular interaction during immune response

Papers are published upon acceptance, regardless of the Special Issue publication date.

Authors can submit their manuscripts through the Manuscript Tracking System at <https://mts.hindawi.com/submit/journals/mi/dcit/>.

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Submission Deadline

Friday, 17 May 2019

Publication Date

October 2019