



Journal of Immunology Research

Special Issue on
Quiescence, Self-Renewal, and Cell-Fate in the Immune System

CALL FOR PAPERS

Vast majority of the blood and immune cells are continuously exchanged throughout life, while only few selected cells have to supply this vital need of regeneration. Hematopoietic Stem Cells (HSCs) and memory lymphocytes have unique properties enabling long-term stability and potential for activation upon need. Recent advancements of transcriptome analysis and animal models are enabling major progress of understanding signaling pathways and regulation of these special cells. With great significance to basic and applicative immunology, such discoveries also impinge on principles shared by hematological malignancies.

We invite investigators to contribute original research articles as well as review articles that will stimulate the general perspective as well as private unique findings contributing to understanding of long-lived hematopoietic and immune cells. Studies of specific key-regulators and system-level analysis, of normal and of malignant counterpart, are encouraged.

Potential topics include, but are not limited to:

- ▶ Signaling for quiescence
- ▶ Mechanisms of self-renewal in immune cells
- ▶ Transcription factors that regulate cell-identity
- ▶ Models for new immunological discoveries *in vivo*
- ▶ Emerging techniques of translational research for immunity and for cancer

Authors can submit their manuscripts via the Manuscript Tracking System at <http://mts.hindawi.com/submit/journals/jir/qsrcf/>.

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