



Journal of Immunology Research

Special Issue on

B-Cell Autoimmunity and Tolerance

CALL FOR PAPERS

B lymphocytes are major effector cells to establish humoral immunity generating specific antibodies to potentially any antigenic structures. Besides secreting antibodies, B cells have important regulatory functions as professional antigen presenting cells by producing cytokines. For long, the role of B cells in the development of autoimmune diseases was not considered to be important. But since the B-cell depletion therapies turned to be highly efficient in treating systemic autoimmune patients, the significance of B cells in autoimmune syndromes became more and more appreciated. Moreover, it was revealed that B cells might contribute to autoimmune disorders not only by producing autoantibodies but also by supporting, for example, autoreactive T cells or other effector cell types by cytokine production.

The discovery of the regulatory B cells also made clear that, based on the cytokines they produce, the B-cell pool also contains several different effector subpopulations that have profound influence in maintaining immunological tolerance or triggering autoimmunity.

We invite investigators to contribute original research papers as well as review articles addressing the B-cell mediated autoimmunity from all aspects.

Potential topics include, but are not limited to:

- ▶ B-cell contribution to the development of autoimmune diseases
- ▶ Signaling mechanisms regulating B-cell autoreactivity and tolerance
- ▶ Therapeutic approaches targeting autoimmune B cells in systemic autoimmune diseases
- ▶ Regulatory B cells

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

Lead Guest Editor

David Medgyesi, Albert-Ludwigs
University of Freiburg, Freiburg,
Germany
medgyesi@ie-freiburg.mpg.de

Guest Editors

Gabriella Sarmay, Eötvös Lorand
University, Budapest, Hungary
sarmayg@ttk.elte.hu

Marta Rizzi, University Medical Center
Freiburg, Freiburg, Germany
marta.rizzi@uniklinik-freiburg.de

Manuscript Due

Friday, 5 August 2016

First Round of Reviews

Friday, 28 October 2016

Publication Date

Friday, 23 December 2016