



Journal of Immunology Research

Special Issue on  
**Chemotactic Cytokines in the CNS**

# CALL FOR PAPERS

Chemotactic cytokines (chemokines) are a large family of small proteins that function to regulate the migration and residence of immune cells. Abnormal expression of chemokines in the CNS has been linked to a variety of disorders including neurodegeneration, autoimmunity, and neuroinflammation. Recent advances in biology and genetics have led to the generation of new animal models, identification of novel mechanisms underlying chemokine function, and development of chemokine-based therapies for these disorders.

We invite investigators to contribute their original research work and review articles that report on the biochemistry, biology, pathology, and function of chemokines in the CNS. We are particularly interested in articles that report diagnostic biomarkers, describe translational data, and explore innovative therapeutic options for neurological disorders.

Potential topics include, but are not limited to:

- ▶ Biochemistry of chemokines
- ▶ Molecular biology and genetics of chemokines
- ▶ Development of novel tools/animal models in chemokine research
- ▶ Interaction between chemokines and their receptors
- ▶ Role of chemokines/inflammation in CNS disease progression
- ▶ Role of chemokines in physiological and pathological conditions
- ▶ Identification of biomarkers in human samples
- ▶ Development of chemokine activators and/or blockers
- ▶ Development of therapeutic strategies for chemokine-related CNS disorders

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

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## Manuscript Due

Friday, 20 May 2016

## First Round of Reviews

Friday, 12 August 2016

## Publication Date

Friday, 7 October 2016