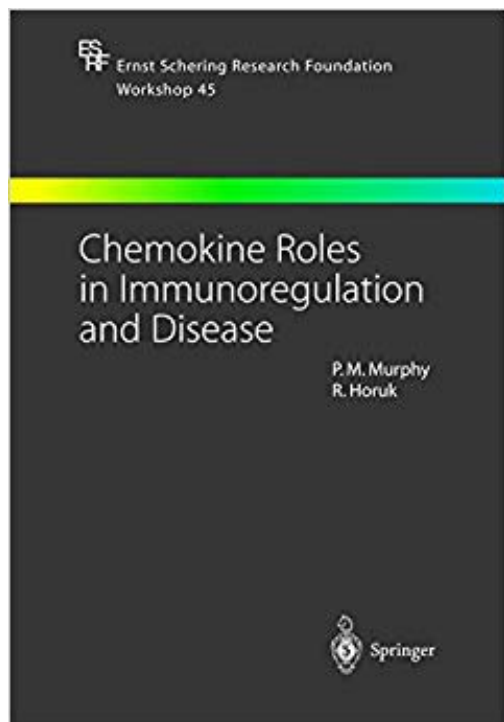


# Chemokine Roles in Immunoregulation and Disease (Ernst Schering Foundation Symposium Proceedings) (v. 45) by Philip M. Murphy, Richard Horuk



**ISBN:** 3540402217

**ISBN13:** 978-3540402213

**Author:** Philip M. Murphy, Richard Horuk

**Book title:** Chemokine Roles in Immunoregulation and Disease (Ernst Schering Foundation Symposium Proceedings) (v. 45)

**Pages:** 160

**Publisher:** Springer; 2004 edition (January 12, 2004)

**Language:** English

**Category:** Medicine & Health Sciences

**Size PDF version:** 1308 kb

**Size ePUB version:** 1354 kb

**Size FB2 version:** 1222 kb

**Other formats:** docx doc lrf lrf

In autumn 2002, the Ernst Schering Research Foundation Workshop sponsored the 45th in its series of conferences devoted to emerging areas in basic and applied biomedical research. These conferences bring together a critical mass of top scientists working in an important area in an intimate setting that fosters the free exchange of knowledge and ideas. In this spirit, Workshop 45 assembled leaders in the field of chemokines - hemotactic cytokines that coordinate leukocyte trafficking - amid the scenic vineyards and wineries of Napa Valley, to discuss the latest concepts of how these molecules regulate the immune response and disease. Chemokines were selected as a conference topic because they have revitalized the study of leukocyte trafficking and are widely considered to be potential new targets for drug development, in diseases ranging from acute inflammation and autoimmunity to HIV and cancer. Discovered in the 1980s, the chemokine superfamily currently has 43 human members, making it the largest subset of cytokines. Members are defined by conserved sequences and a common three-dimensional fold, and can be divided into two major functional groups - homeostatic and inflammatory - depending on whether they are produced constitutively, and thereby control basal lymphocyte trafficking, or whether they must be induced, for example by pathogens or injury, and thereby control deployment of effector leukocytes in emergencies.



## **Related PDF to Chemokine Roles in Immunoregulation and Disease (Ernst Schering Foundation Symposium Proceedings) (v. 45) by Philip M. Murphy, Richard Horuk**

[Self-Organization, Emerging Properties, and Learning \(Nato Science Series B:\) by Agnessa Babloyantz](#)

[Environmental Compartments: Equilibria and Assessment of Processes Between Air, Water, Sediments, and Biota \(Ernst Schering Research Foundation Workshops\) by Egbert K and Carroll Jolynn Duursma](#)

[Graph-Theoretic Concepts in Computer Science: 30th International Workshop, WG 2004, Bad Honnef, Germany, June 21-23, 2004, Revised Papers \(Lecture Notes in Computer Science\) by Juraj Hromkovič, Manfred Nagl, Bernhard Westfechtel](#)

[5th International Workshop on Adaptive Optics for Industry and Medicine \(Proceedings of Spie\) by Wenhan Jiang](#)

[Excitatory Amino Acids: From Genes to Therapy \(Ernst Schering Foundation Symposium Proceedings\) by Peter H. Seeburg, Iris Bresink, Lechoslaw Turski](#)

[The 5th International Conference on Research and Education in Mathematics \(AIP Conference Proceedings\) by Edy Tri Baskoro, Djoko Suprijanto](#)

[Organ-Selective Actions of Steroid Hormones \(Ernst Schering Foundation Symposium Proceedings\) by D.T. Baird, Günther Schütz, R. Krattenmacher](#)

[New Frontiers in Binary Research: A Colloquium Sponsored by the U.S. National Science Foundation and the Korean Science and Engineering Foundation, ... of the Pacific Conference Series, V. 38 by Il-Song Na, Kam-Ching Leung, National Science Foundation \(U. S.\), Korean Science and Engineering Foundation](#)

[Cell Culture in Pharmaceutical Research \(Ernst Schering Foundation Symposium Proceedings\) by N.E. Fusenig, H. Graf](#)

[Hyperbolic Problems: Theory, Numerics and Applications \(Proceedings of Symposia in Applied Mathematics\) by Jian-Guo Liu and Athanasios Tzavaras Eitan Tadmor, Eitan Tadmor, Jian-guo Liu, Athanasios E. Tzavaras](#)