
Preface

The innate immune response is a crucial component of early resistance to infection, and it is now revealing increasing levels of complexity, both in itself, and in its interactions with the adaptive immune system. As technology has advanced, many important questions, long thought to have been resolved, have been revisited, often yielding unexpected or novel insights.

The ability to modify the genome *in vivo*, as in the creation of transgenic mice, has facilitated understanding of complex interactions between leucocytes and other components of the immune system, and phenotype-driven strategies using chemical mutagenesis have placed another powerful weapon in the armamentarium. More conventional approaches, such as flow cytometry, have also become increasingly sophisticated.

This edition of “Methods in Molecular Biology” provides detailed protocols and practical advice on a variety of modern approaches to the study of leucocytes and their products. It should be of use not only to the working scientist, but also to those entering the field, who appreciate the type of advice most often provided by their peers.

I would like to thank the Chief Editor, Professor John Walker, for his advice, and the contributors for their cooperation and, in many cases, their forbearance, during the preparation of this book.

Brisbane, QLD, Australia

Robert B. Ashman, Ph.D.

Leucocytes

Methods and Protocols

Ashman, R.B. (Ed.)

2012, XI, 296 p., Hardcover

ISBN: 978-1-61779-526-8

A product of Humana Press