



Immunopathology in Toxicology and Drug Development : Volume 1, Immunobiology, Investigative Techniques, and Special Studies /

Parker, George A

Springer International Publishing :
Imprint: Humana Press,
2017

Libros electrónicos

Recursos electrónicos

Monografía

This book provides a fundamental understanding of immunopathology and immunopathologic processes, with particular attention to nonclinical toxicology studies. Chapters provide an overview of general immunobiology, cells of the immune system, signaling and effector molecules, and immunopathology assays. A companion volume, Immunopathology in Toxicology and Drug Development: Volume 2, Organ Systems, offers summaries of organ-specific immunobiology and immunopathology as well as common responses to xenobiotics. These informative and strategic books were created in response to the large segment of drug development that focuses on chronic diseases, many of which involve alterations to the immune system. Therapies that target these diseases commonly involve some form of immunomodulation. As a result, the two volumes of Immunopathology in Toxicology and Drug Development are critical texts for individuals involved in diverse aspects of drug development. Readers will acquire a thorough understanding of immunopathology for detection and accurate interpretation of pathologic effects of xenobiotics on the immune system. .

<https://rebiunoda.pro.baratznet.cloud:38443/OpacDiscovery/public/catalog/detail/b2FpOmNlbGVicmF0aW9uOmVzLmJhcmF0ei5yZW4vMTg3Nzg4Nzc>

Título: Immunopathology in Toxicology and Drug Development Volume 1, Immunobiology, Investigative Techniques, and Special Studies edited by George A. Parker

Editorial: Cham Springer International Publishing Imprint: Humana Press 2017

Descripción física: 1 recurso en línea XXII, 670 p. 255 il., 250 il. col.

Mención de serie: Springer eBooks Molecular and Integrative Toxicology 2168-4219

Contenido: Basic Immunobiology -- Cells of the Immune System -- Signaling and effector molecules in immunity -- Development of immune system organs -- Aging of immune system organs -- Flow cytometry and immunophenotyping in drug development -- Pathology evaluation for detection of immunomodulation -- Enhanced immunohistopathology -- Clinical Pathology Assays in Immunopathology -- Application of immunohistochemistry in toxicologic pathology of the hemolymphoid system -- Morphometry and stereology in immunopathology -- Molecular techniques in immunopathology -- Current issues in developmental immunotoxicity -- The Murine local lymph node assay -- Host Resistance assays for efficacy and immunotoxicology safety evaluations. .

Detalles del sistema: Modo de acceso: World Wide Web

ISBN: 9783319473772 978-3-319-47377-2

Materia: Medicine Immunology Pharmaceutical technology Medical biochemistry Pathology Medicine & Public Health Pathology Immunology Pharmaceutical Sciences/Technology Medical Biochemistry Ciencias biomédicas

Autores: Parker, George A

Entidades: SpringerLink (Online service)

Baratz Innovación Documental

- Gran Vía, 59 28013 Madrid
- (+34) 91 456 03 60
- informa@baratz.es