

1. Record Nr.	UNINA9910809103103321
Titolo	Immunology // edited by James G. Fox ... [et al.]
Pubbl/distr/stampa	Amsterdam, : Elsevier, c2007
ISBN	1-280-75153-3 9786610751532 0-08-046908-6
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (395 p.)
Collana	Mouse in biomedical research ; ; v. 4 American College of Laboratory Animal Medicine series
Altri autori (Persone)	FoxJames G
Disciplina	616.027333 616/.027333
Soggetti	Mice as laboratory animals
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographies and indexes.
Nota di contenuto	Front Cover; The Mouse in Biomedical Research: Immunology; Copyright Page; Table of Contents; List of Reviewers; List of Contributors; Foreword; Preface; Overview; Chapter 1. The Molecular Basis of Lymphoid Architecture in the Mouse; Chapter 2. The Biology of Toll-Like Receptors in Mice; Chapter 3. Genomic Organization of the Mouse Major Histocompatibility Complex; Chapter 4. Some Biological Features of Dendritic Cells in the Mouse; Chapter 5. Mouse Models Revealed the Mechanisms for Somatic Hypermutation and Class Switch Recombination of Immunoglobulin Genes Chapter 6. Mouse Natural Killer Cells: Function and Activation Chapter 7. Cytokine-Activated JAK-STAT Signaling in the Mouse Immune System; Chapter 8. Signal Transduction Events Regulating Integrin Function and T Cell Migration in the Mouse; Chapter 9. Mouse Models of Negative Selection; Chapter 10. Peripheral Tolerance of T Cells in the Mouse; Chapter 11. The Genetics of Mouse Models of Systemic Lupus; Chapter 12. Inhibitory Receptors and Autoimmunity in the Mouse; Chapter 13. Mouse Models of Immunodeficiency; Chapter 14. Mouse Models to Study the Pathogenesis of Allergic Asthma Chapter 15. The Mouse Trap: How Well Do Mice Model Human Immunology? Index; Colour Plates

Sommario/riassunto

Immunology, the third volume in the four volume set, *The Mouse in Biomedical Research*, is a completely new addition to this series, dedicated to mouse immunology. It is based on the vast body of knowledge which has made the mouse the model of choice when studying immunity in man. Arguably more is known about the immune system in mice than any other species except man. In large part this is due to the power of genetic engineering to delineate molecular mechanisms. In this volume we present an Overview to mouse immunology, including both the innate and adaptive immune systems, foll
