

<<Innate Immunity to P>>

图书基本信息

书名：<<Innate Immunity to Pulmonary Infection - No. 279肺感染先天性免疫>>

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内容概要

Part of the prestigious Novartis Foundation series, this volume uniquely addresses the use of innate immunity to treat or prevent infectious diseases of the lung. **Innate Immunity to Pulmonary Infection:** Provides a comprehensive overview of pulmonary infectious diseases, including basic pathology, current and potential therapies, and detailed consideration of the innate biological resistance mechanisms in the lung. **Thoroughly** examines the major topic of innate immunity in immunology, which is now seen as key to the pathogenesis of and vaccination strategies for infectious diseases. **Describes** the genetic and environmental factors which determine the outcome of infection, such as latency of Tuberculosis, blood stream invasion from local infection, and local target tissue damage. **Covers** the roles of cells such as neutrophils, macrophages and dendritic cells and of molecular components such as Toll-like receptors. **Discusses** the clinical applications of the new knowledge regarding innate immunity and how this can be used in both treatment and prevention ? (vaccination) strategies. **Includes** contributions from an international and interdisciplinary group of experts. **Innate Immunity to Pulmonary Infection** is an essential resource for researchers in both industry and academia. It is of interest for all those interested in the disciplines of immunology, virology, biology, biotechnology and genetics.

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书籍目录

Symposium on Innate immunity to pulmonary infection, held at the Wolfson Pavillion, University of Cape Town Medical School, South Africa, 28-30 November 2005
 Editors: Derek J. Chadwick (Organizer) and Jamie Goode
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 Discussion Malik Peiris Pathogenesis of avian flu H5N1 and SARS
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 Discussion Cecilia Garlanda, Barbara Bottazzi, Giovanni Salvatori, Rita De Santis, Alessia Cotena, Liviya Deban, Virginia Maina, Federica Moalli, Andrea Doni, Tania Veliz-Rodriguez and Alberto Mantovani Pentraxins in innate immunity and inflammation
 Discussion Anthony W. Segal How superoxide production by neutrophil leukocytes kills microbes
 Discussion Ralph M. Steinman Linking innate to adaptive immunity through dendritic cells
 Discussion Gordon D. Brown Macrophage receptors and innate immunity: insights from dectin-1
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