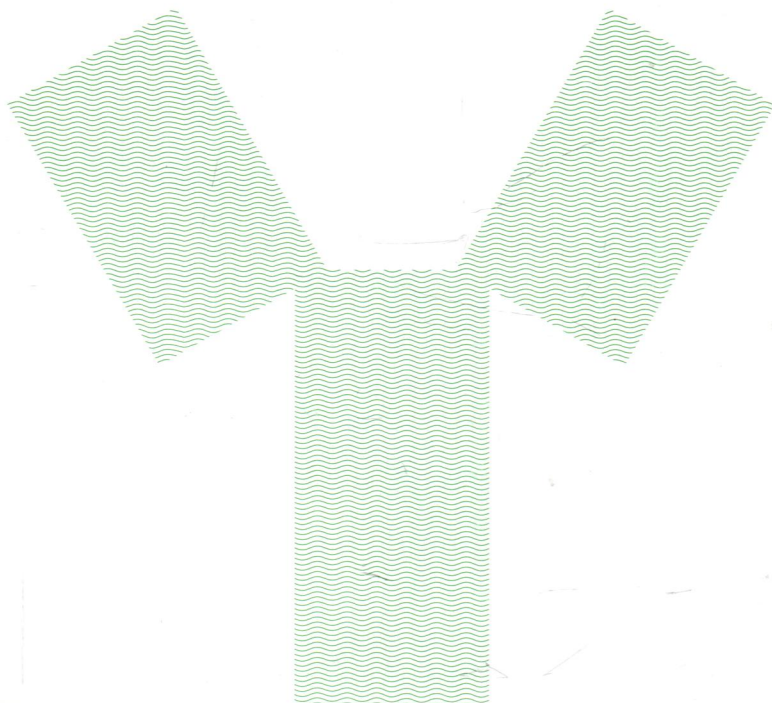


PHARMACIA ALLERGY RESEARCH FOUNDATION



Award Book  
2000

Editor D.D. Metcalfe

*PHARMACIA ALLERGY RESEARCH FOUNDATION*

Award Book 2000

---

# Regulation of Cellular Mechanisms in Allergic Diseases

Edited by  
D.D. Metcalfe

---

Centraltryckeriet, 2000

***PHARMACIA ALLERGY RESEARCH FOUNDATION***

***EDITOR***

Prof. D.D., Metcalfe, M.D., Bethesda, USA

***RECIPIENT OF THE 2000 AWARD***

Dr. Stephan C. Bischoff, M.D.

Dr. Christof Ebner, M.D.

***RECIPIENTS OF AN HONOURABLE MENTION 2000***

Dr. Bart N. Lambrecht, M.D

Dr. Anders Lindén, M.D.

Priv.-Doz. Dr. med. Joachim Saloga, M.D.

CONTENTS

Page

*Preface* ..... 3

*Stephan C. Bischoff* Regulation of human mast cells, basophils and eosinophils: Implications for allergic diseases ..... 7

*Christof Ebner* Characterization of T-lymphocyte responses to atopic allergens ..... 17

*Bart N. Lambrecht* The dendritic cell as a critical regulator of the cellular immune response to inhaled allergen. .... 25

*Anders Lindén* Interleukin-17 and airway neutrophils in asthma. ... 39

*Joachim Saloga* Regulation of Cellular Mechanisms in Allergic Diseases and Their Therapy: Preeminent Role of Interleukin 10 and Modulatory Influence of Superantigen Exposure. .... 47

*Fellowships*

Abstract by:

*Lisa Cameron* ..... 55

*Gilles Devouassoux* ..... 56

*Radhika Kajekar* ..... 57

*Andrea Keane-Myers* ..... 58

*Stefan Kraft* ..... 59

*Michael Lahn* ..... 60

*Bart Lambrecht* ..... 61

*Misato Miaymaso* ..... 62

*Susanna Olsson* ..... 63

*Holger Petering* ..... 64