

Regulation of cytokine expression  
in mast cells:  
pro- and antiinflammatory potential

Maciej Bolesław Olszewski

Regulation of cytokine expression in mast cells: pro- and antiinflammatory potential

ISBN: 978-90-393-4701-1

Maciej Bolesław Olszewski

The research described in this thesis was conducted at the International Institute of Molecular and Cell Biology in Warsaw, Poland and at the Departments of Dermatology & Allergology and Pathology, University Medical Center, Utrecht, The Netherlands



Printed by Prepress Service, Warsaw, Poland

All rights reserved

---

Regulation of cytokine  
expression in mast cells:  
pro- and antiinflammatory potential

Regulatie van cytokine expressie in  
mestcellen: pro- en anti-inflammatoir  
potentieel

(met een samenvatting in het Nederlands)

**Proefschrift**

ter verkrijging de graad van doctor aan de Universiteit  
Utrecht op gezag van de rector magnificus, prof. dr. J.C.Stoof,  
ingevolge het besluit van het college voor promoties in het  
openbaar te verdedigen op vrijdag 14 december 2007 des  
middags te 2.30 uur

door

**Maciej Bolesław Olszewski**

geboren op 28 mei 1976 te Gizycko, Polen

---

Promotor: Prof. dr. C. A. F. M. Bruijnzeel-Koomen

Co-promotoren: Dr. E. F. Knol

Dr. J. Dastyh

Financial support was provided by the International Institute of Molecular and Cell Biology in Warsaw, Utrecht University and University Medical Center Utrecht.

Maciej Olszewski was supported by grants and scholarships from IIMCB Centre of Excellence in Molecular Bio-Medicine, Polish State Committee for Scientific Research, EMBO and FEBS.

The printing cost of this thesis was covered by the International Institute of Molecular and Cell Biology in Warsaw.

**Success does not consist in never making mistakes  
but in never making the same one a second time**

*George Bernard Shaw*

