

**Days of Molecular Medicine: Inflammatory Pathways in Disease**  
**The Karolinska Institutet, Stockholm, Sweden**  
**May 24-27, 2006**

**Wednesday, May 24**

17.00            Opening Session & Welcome  
                  H. Wallberg-Henriksson, President, Karolinska Institutet

Keynote speaker:  
R. Zinkernagel, Zürich, Switzerland

18.00            Welcome Reception

**Thursday, May 25**

8.00 Registration

9.00 Welcome: Jan Carlstedt-Duke, Dean of Research, Karolinska Institutet  
                  William Dec, Chief of Cardiology, MGH  
                  Juan Carlos López, Chief Editor, Nature Medicine

Scientific Session I. The Biology of Inflammation

9.15            Molecular Immunology and Signaling Pathways  
                  R.A. Flavell, Yale, USA

9.45            Immune Receptors  
                  J.V. Ravetch, Rockefeller University, USA

10.15          NF- B signaling  
                  M. Karin, UCSD, USA

10.45          Sensing System of Viral Infection in Innate Immunity  
                  S. Akira, Osaka University, Japan

11.15          T-bet in Th1 Differentiation and Th1/Th2 Balance  
                  L.H. Glimcher, Harvard, USA

11.45          Two selected oral presentations

12.15          LUNCH

Scientific Session II. The Molecular Pathogenesis of Inflammatory Diseases:  
Immunological Mechanisms

Session Chairs: Diane Mathis & Petter Höglund

- 13.30 Regulation in Inflammatory Bowel Disease  
F. Powrie, University of Cambridge, UK
- 14.00 Diabetes  
D. Mathis, Harvard, USA
- 14.30 Autoimmune concepts in multiple sclerosis  
H. Wekerle, MPI, Martinsried, Germany
- 15.00 Inflammatory Bowel Disease  
W. Strober, National Institute of Health, Bethesda, USA
- 15.30 Break
- 16.00 Two selected oral presentations
- 16.15 Poster session

**Friday, May 26**

Scientific Session III.

The Molecular Pathogenesis of Inflammatory Diseases: Inflammatory Mediators

Session Chairs: Roland Martin & Marie Wahren-Herlenius

- 9.00 The eicosanoid cascade, lipid mediators of chronic inflammation  
T. Shimizu, U. of Tokyo, Japan
- 9.30 HIF-1alpha  
P. Carmeliet, University of Leuven, Belgium
- 10.00 Oxidation-specific epitopes are important targets of innate immunity  
J.L. Witztum, UCSD, USA
- 10.30 Novel concepts in the molecular pathogenesis of atherosclerosis  
G.K. Hansson, Karolinska Institutet, Sweden
- 11.00 Break
- 11.15 Three selected oral presentations
- 12.00 LUNCH

DMM FORUM. Therapeutic Approaches in Inflammatory Diseases

Moderator: Göran K. Hansson

Panel

- 13.15 Bengt Samuelsson  
Karolinska Institutet, Sweden
- 13.45 Sharon Hertz  
Assoc. Director FDA, Rockville, USA
- 14.15 Spiros Vamvakas  
Scientific Advisor, EMEA, Brussels, Belgium
- 14.45 Garret A. Fitzgerald  
University of Pennsylvania, USA  
"Blocking cyclooxygenases, the balance between efficacy and safety"
- 15.15 Lars Klareskog  
Karolinska Institutet, Sweden  
"Evolving options for the therapy and prevention of rheumatoid arthritis"
- 15.45 Discussion
- 16.15 Break
- 16.30 Two selected oral presentations
- 17.00 Poster session

**Saturday, May 27**

Scientific Session IV.

The Molecular Pathogenesis of Inflammatory Diseases: Inflammatory Mediators

Session Chairs: Roland Martin & Marie Wahren-Herlenius

- 9.00 The therapeutic potential of anti-TNF  
M. Feldmann, Imperial College, UK
- 9.30 Recent insights into the immunopathogenesis of psoriasis  
F.O. Nestle, Kings College London School of Medicine, UK
- 10.00 Immunology of multiple sclerosis, implications for therapy  
R. Martin, NIH, Bethesda, USA

Scientific Session V. The Genetics of Inflammation

Session Chairs: Linda S. Wicker & Tomas Olsson

- 10.30            Associations in Type 1 Diabetes  
                  L.S. Wicker, University of Cambridge, UK
- 11.00            Asthma-Related Traits  
                  J. Kere, Karolinska Institutet, Sweden
- 11.30            The Genetic Basis of Systemic Lupus Erythematosus  
                  M.E. Alarcón-Riquelme, University of Uppsala, Sweden
- 12.00            Closing remarks  
                  Kenneth R. Chien  
                  Beatrice Renault