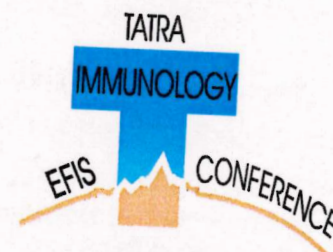

6th EFIS TATRA IMMUNOLOGY CONFERENCE

***Molecular Determinants
of T-Cell Immunity***



September 11-16, 2004

Tatranské Zruby, Slovakia

PROGRAMME

6th EFIS TATRA IMMUNOLOGY CONFERENCE

Molecular Determinants of T-Cell Immunity

CONFERENCE VENUE

Hotel Tatranské Zruby, High Tatra Mountains, Slovakia
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September 11-16, 2004

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was provided by the

**European Federation of
Immunological Societies (EFIS)**

Additional support was obtained from the

**Austrian Society for Allergology and
Immunology
British Society of Immunology
Czech Immunological Society
Slovak Immunological Society**

Saturday, 11th September

Arrival of participants

Sunday, 12th September

8.15-8.30 Opening the Conference

8.30-11.40 Session 1:

Receptors and signaling I

Chairperson: **S. Sakaguchi**

8:30 – 9:15 **N. Hogg** (London, UK)
How T lymphocytes use LFA-1 to attach and migrate

9:15 – 10:00 **K. Tasken** (Oslo, Norway)
*Brakes to T cell activation:
Immunomodulating pathways localized in
membrane microdomains*

10:00 – 10:10 **Tea/Coffee break**

10:10 – 10:55 **W. Zhang** (Durham, NC, USA)
*Transmembrane adaptor proteins in
immunoreceptor signaling*

10:55 – 11:40 **P. King** (Ann Arbor, MI, USA)
*Regulation of T cell signal transduction and
self/non-self discrimination by the T cell-
specific adapter (TSAd) protein*

13.00-15.45 Trip to a traditional village Zdiar



16.00-19.15 Session 2:

Receptors and signaling II

Chairperson: **N. Hogg**

16:00 – 16:45 **H. Stockinger** (Vienna, Austria)
Dynamics of T cell receptor and co-signaling molecules upon T cell activation

16:45 – 17:30 **V. Horejsi** (Prague, Czech Republic)
PAG and LIME – two raft associated transmembrane adaptors

17:30 – 17:45 *Tea/Coffee break*

17:45 – 18:30 **T. Huenig** (Wuerzburg, Germany)
CD28 superagonists: mode of action and therapeutic potential

18:30 – 19:15 **S. Sakaguchi** (Kyoto, Japan)
Three determinants of autoimmune disease: regulatory T cells, thymic T-cell selection, and innate immunity

20.00-24.0 **Welcome Party**



Monday, 13th September

8.30-11.40 Session 3:

Mucosal immunity I

Chairperson: **P. Garside**

8:30 – 9:15 **N. Lycke** (Goteborg, Sweden)
From toxin to adjuvant, basic mechanisms for the control of mucosal IgA immunity and tolerance

9:15 – 10:00 **K. Maloy** (Oxford, UK)
Regulatory T cell control of intestinal pathology

10:00 – 10:10 *Tea/Coffee break*

10:10 – 10:55 **A. Mowat** (Glasgow, UK)
Antigen presentation in the regulation of mucosal immunity and tolerance

10:55 – 11:40 **P. Brandtzaeg** (Oslo, Norway)
What is the role of secretory immunity in mucosal defence?

13.00-15.45 **Trip to a Pribylina** (museum of folk architecture from the Liptov region with original wooden tenements, school, manor-house etc.)



Tuesday, 14th September

8.30-11.40 Session 5:

Mucosal immunity II

Chairperson: **J. Ivanyi** (London, UK)

8:30 – 9:15 **S. Jalkanen** (Turku, Finland)
Entrance and exit mechanism of leukocyte trafficking in the gut

9:15 – 10:00 **P. Garside** (Glasgow, UK)
Investigating mucosal immune responses in vivo

10:00 – 10:10 *Tea/Coffee break*

10:10 – 10:55 **J. Holmgren** (Goteborg, Sweden)
Cholera toxin and related molecules as mucosal adjuvants and immunomodulators

10:55 - 11:40 **Y. van Kooyk** (Amsterdam, The Netherlands)
How dendritic cells handle antigen to induce either tolerance or immunity

13.00-19.00 Trip to Pieniny mountains with rafting on Dunajec river



Wednesday, 15th September

8.30-11.40 Session 6:

Immunopathologies, immunotherapies I

Chairperson: **M. Peterlin**

8:30 – 9:15 **F.Y. Liew** (Glasgow, UK)
A Toll for co-stimulating T cells

9:15 – 10:00 **G. Wick** (Innsbruck, Austria)
The immunology of atherosclerosis

10:00 – 10:10 *Tea/Coffee break*

10:10 – 10:55 **R. Valenta** (Vienna, Austria)
Allergen-specific immunotherapy with genetically modified allergens: Immunological mechanisms and results from first clinical trials

10:55 – 11:40 **F. Miedema** (Amsterdam, The Netherlands)
T cell dynamics in HIV infection

13.00-15.45 Trip to Belianska cave



16.00-19.15 Session 7:

Immunopathologies, immunotherapies II

Chairperson: **F.Y. Liew**

16:00 – 16:45 **B. P. Morgan** (Cardiff, UK)
*Complement: central to innate immunity and
bridging to adaptive responses*

16:45 – 17:30 **M. Peterlin** (San Francisco, CA, USA)
Gene regulation and immunodeficiency

17:30 – 17:45 *Tea/Coffee break*

17:45 – 18:30 **M. Dierich** (Innsbruck, Austria)
Inefficient virolysis and effective adherence

18:30 – 19:15 **A. Hayday** (London, UK)
*A developmental origin for the integration of
conventional and unconventional T
cell activities*

20.00-23.00 **Farewell Party – stylish restaurant
Smokovec**

Thursday, 16th September

Departure

**ABSTRACTS OF THE
TALKS BY INVITED
SPEAKERS**