

5th EFIS TATRA IMMUNOLOGY CONFERENCE

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



September 7-12, 2002

Tatranské Zruby, Slovakia

PROGRAMME

5th EFIS TATRA IMMUNOLOGY CONFERENCE

Molecular Determinants of T-Cell Immunity

CONFERENCE VENUE

Hotel Tatranské Zruby, High Tatra Mountains, Slovakia
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September 7-12, 2002

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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, 7th September 2002

Arrival of participants

Sunday, 8th September 2002

8.15-8.30 Opening the Conference

8.30-11.40 Session 1:

Immunopathologies and autoimmunities I

Chairperson: **J. Ivanyi**

J.F. Bach (Paris): *Immunoregulatory T cells in the control of organ specific autoimmunity*

M. Moser (Brussels): *Regulation of T helper development by dendritic cells in vivo*



Tea/Coffee break

H. Tlaskalová (Prague): *The role of microbial components in experimentally induced inflammatory bowel disease (IBD)*

J. van Meerwijk (Toulouse): *Development and maintenance of passive and active T cell tolerance*



Trip to Hrebienok and Studenovodské waterfalls

16.00-19.00 Session 2:

Immunopathologies and autoimmunities II

Chairperson: **J. F. Bach**

M. Novák (Bratislava): *Prions and tauons as unifying toxic molecules of neurodegenerative disorder and brain's immune system*

H. Stoiber (Innsbruck): *A "complement"-ary view on HIV*



Tea/Coffee break

L. Adorini (Milan): *Induction of tolerogenic dendritic cells enhancing regulatory T cells in the treatment of allograft rejection and autoimmune diseases*

G. Wick (Innsbruck): *Systemic sclerosis (scleroderma) - a birds eye view*



20.00-24.00 Welcome Party

Monday, 9th September 2002

8.30-11.40 Session 3:

Tolerance, regulatory/suppressor cells I

Chairperson: **A. Akbar**

E. Shevach (Bethesda): *Control of T cell activation by suppressor T cells*

M. Battaglia (Milan): *T regulatory cells as a strategy to induce tolerance*



Tea/Coffee break

N. Suciu-Foca (New York): *The T suppressor cell cascade*

A. Antov (Cambridge, MA): *Control of regulatory T cells - differentiation and maintenance*



Bus trip to Pribylina (museum of folk architecture from the Liptov region with original wooden tenements, school, manor-house etc.).

16.00-17.30 Session 4:

Tolerance, regulatory/suppressor cells II

Chairperson: **E. Shevach**

A. Akbar (London): *The nature of human CD4⁺CD25⁺ regulatory T Cells*

B. Reipert (Vienna): *New concepts for the prevention of immune responses against therapeutic proteins: a role for regulatory T cells?*

17.30-19.00 Poster viewing

16.00-19.30 Session 7:

Receptors and signaling II

Chairperson: A. Hayday

G. Koretzky (Philadelphia): *The role of adapter proteins in immune cell development and function*

T. Saito (Chiba): *Negative signaling in T cell activation through adaptors and co-receptors*



Tea/Coffee break

T. Stulnig (Vienna): *Lipid rafts and T cell signaling: face the fats!*

A. Veillette (Montreal): *Regulation of immune cell functions by kinases, phosphatases and adaptor molecules*

O. Acuto (Paris): *Molecular mechanisms controlling T cell activation threshold*



Grill party

Thursday, 12th September 2002

Departure

POSTERS (only the name of the presenting author is given)

1. BANKI Zoltan, University of Innsbruck, Austria: *Crosslinking of CD32 induces maturation of human monocytes-derived dendritic cells via NK-kappaB signaling pathway*
2. BÁRTOVÁ Jiřina, Charles University, Prague, Czech Republic: *The immune mechanisms in the pathogenesis of early onset periodontitis*
3. BENETKOVÁ Klára, Charles University, Prague, Czech Republic: *Dental plaque bacteria and their HSP in immune reaction of patients with periodontitis*
4. BRDIČKA Tomáš, Inst. of Molecular Genetics, Prague, Czech Republic: *A novel palmitoylated transmembrane adaptor protein present in membrane microdomains on non-T leukocytes and involved in immunoreceptor signaling*
5. BRDIČKOVÁ Naděžda, Inst. of Molecular Genetics, Prague, Czech Republic: *A novel palmitoylated transmembrane adaptor protein present in T-lymphocyte microdomains*
6. BRIEND Emmanuel, Lorantis Ltd, Cambridge, UK: *Effect of Notch pathway modulation on peripheral CD4 T cell responses*
7. CAMERON Scott, University of British Columbia, Vancouver, Canada: *Induction of CD4+ regulatory T cells by the staphylococcal superantigen TSST-1*
8. CASTELLETI Deborah, University of Verona, Italy: *Mapping the T-cell and B-cell epitopes of human response to ricin toxin a-chain*
9. CEBECAUER Marek, Ludwig Institute, Lausanne, Switzerland: *New tools to study topology of MHC-I+peptide/TCR interaction on CTL*
10. ČECHOVÁ Dana, Charles University, Prague, Czech Republic: *Immunomodulatory activity of *Bacillus firmus**

11. CEMERSKI Alexander, INSERM U563, Toulouse, France: *Reactive oxygen species differentially affect T cell signaling pathways*
12. CEMERSKI Alexander, INSERM U563, Toulouse, France: *Oxidative stress induces protein modification and selective proteasomal degradation in T cells*
13. ČERNÁ Helena, Inst. of Molecular Genetics, Prague, Czech Republic: *Latrunculin B enhances the secretory responses of mast cells via a Fyn-dependent signaling pathway.*
14. CZETÖOVÁ Zuzana, Charles University, Prague, Czech Republic: *Lectin receptors on dendritic cells*
15. DENZEL Angela, King's College, London, UK: *A chemical genetic system for the analysis of kinases regulating T cell development*
16. DETRE Cynthia, Eötvös Loránd University, Budapest, Hungary: *Lipid rafts and ceramide as mediators of antigen-specific activation and cell death of T lymphocytes*
17. ERLACHER Miriam, University of Innsbruck, Austria: *Rescue of glucocorticoid-induced apoptosis in thymocytes by TCR signaling depends on the maturational stage and is potentiated by CD28*
18. FILIPP Dominik, Sunnybrook and Women's College, Toronto, Canada: *Lck dependent Fyn activation predicates membrane proximal TcR signaling*
19. GEYEREGGER René, University of Vienna, Austria: *Polyunsaturated fatty acids alter lipid raft recruitment of PKC theta without affecting PKC theta downstream signaling*
20. HAVELKOVÁ Helena, Inst. of Molecular Genetics, Prague, Czech Republic: *Identification of multiple new loci that control immunological and pathological responses to Leishmania major infection*
21. KÖHLEROVÁ Petra, Inst. of Microbiology, Prague, Czech Republic: *The effect of an experimental bacterial infection on the expression of pattern recognition molecule in earthworm*
22. KELEMEN Peter, University of Vienna, Austria: *Induction of hyporesponsiveness by PDTC-modulated DC*
23. KRÁTKÁ Zuzana, Charles University, Prague, Czech Republic: *Detection of cytokine producing cells by Elispot and computer image analysis – new ways of estimation an immune response*
24. KRYŠTUFKOVÁ Olga, Inst. of Rheumatology, Prague, Czech Republic: *The role of CXCR3 internalization after ligand binding in T cell infiltration of rheumatoid synovium*
25. KUREY Iryna, Inst. of Molecular Genetics, Prague, Czech Republic: *Fine mapping of loci on mouse chromosomes 5 and 10 that control response to Leishmania major infection.*
26. KVEZERELI Manana, Inst. of Medical Biotechnology, Tbilisi, Georgia: *Liver injury by Con A and Plaferon Lb influence on it*
27. LARSSON Anna-Karin, Wenner Gren Institute, Stockholm, Sweden: *Influence of maternal cytokine profile on the development of atopic disease in the child*
28. LEKSA Vladimír, University of Vienna, Austria: *Regulation of uPA-R functions by M6P/IgF2-R*
29. LEV Mariana, Ben-Gurion University, Beer-Sheva, Israel: *The involvement of the natural cytotoxicity receptor, NKp46, in natural killer cell triggering and lysis of viral-infected cells*
30. LIU Yuanqing, Free University, Brussels, Belgium: *Tumor progression promotes alternatively activated splenic myeloid cells: implication for CTL suppression*
31. MATKO Janos, Eötvös Loránd University, Budapest, Hungary: *The role of lipid rafts/ceramide in antigen-specific T lymphocyte activation and cell death*
32. MAYRL Bruno, Inst. for Biomedical Aging Research, Innsbruck, Austria: *The immunology of atherosclerosis: The investigation of the cellular immune response against Heat-Shock-Protein 60/65 (HSP60/65) in clinically healthy participants from the "Bruneck-Study" for early detection and prevention of atherosclerosis.*