

4th EFIS TATRA IMMUNOLOGY CONFERENCE

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



September 2-7, 2000

Tatranské Zruby, Slovakia

PROGRAMME

4th EFIS TATRA IMMUNOLOGY
CONFERENCE

Molecular Determinants of T-Cell Immunity

CONFERENCE VENUE

Hotel Tatranské Zruby, High Tatra Mountains, Slovakia
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September 2-7, 2000

ORGANIZING COMMITTEE

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Scientific Programme

Saturday, 2nd September 2000

Arrival of participants

Sunday, 3rd September 2000

08.15-08.30 : Opening the Conference

Session 1 : Ontogeny and tolerance

Chairperson: B. Malissen

08.30-08.45 Chairperson's introduction

08.45-09.25 C. Anderson: *Why are grafts rejected? Context vs. time*

09.25-10.05 E. Jenkinson: *Stromal cell interaction regulating Notch signaling in thymocyte development*



10.05-10.20 Tea/Coffee break

10.20-11.00 M. Merckenschlager: *Lymphocyte development and nuclear organisation*

11.00-11.40 G. Werlen: *Signal transduction in thymic selection: Lessons from studying mutant T cell receptors*



Trip to Sliezsky dom.
The tour by foot or mountain bike.

Session 2: Antigen-specific receptors and signals

Chairperson: G. Werlen

16.00-16.15 Chairperson's introduction

16.15-16.55 B. Malissen: *Genetic and structural dissection of the T cell antigen receptor*

16.55-17.35 A. Viola: *Rafting on T cell membrane*

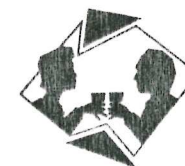
17.35-17.50



Tea/Coffee break

17.50-18.30 H. Stockinger: *"Negative co-receptors" inhibiting T cell activation*

18.30-19.10 K. Bezouška: *Molecular analysis of activating and inhibitory membrane microdomains and receptors of natural killer cells*



Get-together party

Monday, 4th September 2000

Session 3: T cell subsets - functions and cytokine regulation

Chairperson: E. Jenkinson

- 08.30-08.45 Chairperson's introduction
 08.45-09.25 P. Srivastava: *Heat shock proteins in immune responses: ancient molecules, modern roles*
 09.25-10.05 A. Hayday: *$\gamma\delta$ -T cells: a timeline for immunity*
 10.05-10.20  Tea/Coffee break
 10.20-11.00 P. Fisch: *Antigen recognition by human $\gamma\delta$ T cells*
 11.00-11.40 D. Lynch: *Apoptosis-inducing and immuno-modulatory cytokines in the treatment of cancer*



Bus trip to Popradské Pleso.
 The tour by foot or mountain bike.

Session 4: Costimulatory and adhesive/signalling receptors

Chairperson: V. Hořejší

- 16.00-16.15 Chairperson's introduction
 16.15-16.55 N. Romani: *Dendritic cell molecules that are crucial for the priming of T cells*
 16.55-17.35 M.F. Mackey: *Dissection of the CD40 signaling pathway in primary murine dendritic cells*
 17.35-17.50  Tea/Coffee break
 17.50-18.30 T. Springer: *Structure and function of integrins: dynamic modulators of cell interactions*
 18.30-19.10 R. Krocze: *The biology of ICOS, the inducible costimulatory receptor related to CD28*

Free programme

Tuesday, 5th September 2000

Session 5: Host response to infections

Chairperson: J. Iványi

- 08.30-08.45 Chairperson's introduction
 08.45-09.25 F.Y. Liew: *The role of NO and cytokines in infection and inflammation*
 09.25-10.05 K. Mills: *Function, regulation and subversion of Th1 responses in immunity to Bordetella pertussis*
 10.05-10.20  Tea/Coffee break
 10.20-11.00 M. Troye-Blomberg: *Cells and molecules involved in the regulation of malaria-specific T- and B-cell responses*
 11.00-11.40 R. Wilkinson: *The cytotoxic T cell response to m. tuberculosis*



Bus trip to Pieniny-rafting.
 The tour by foot or mountain bike.

20.30-22.30 **Poster viewing and informal discussion session**

Wednesday, 6th September 2000

Session 6: Immunopatologies and immunodeficiencies

Chairperson: G. Wick

- 08.30-08.45 Chairperson's introduction
 08.45-09.25 J. Penninger: *The role of T cells in bone remodeling*
 9.25-10.05 M. Novák: *Brain's immune system and Alzheimer's disease*
 10.05-10.20  Tea/Coffee break
 10.20-11.00 K. Wucherpfennig: *MHC class II molecules and autoimmunity*
 11.00-11.40 P. Iványi: *HLA associated diseases: relation to immunopathology*



Bus trip to Ždiar (a visit the typical slovak house with wedding).
 The tour by foot or mountain bike.

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Session 7: Vaccination and immunotherapy Chairperson: M. Troye-Blomberg

- 16.00-16.15 Chairperson's introduction
16.15-16.55 R. Kircheis: *Cytokine gene-modified tumor cells for anticancer vaccination*
16.55-17.35 G. Riethmüller: *Genomic instability in early disseminated tumor cells: Chances and challenges for immunological intervention*
17.35-17.50  Tea/Coffee break
17.50-18.30 P. Šebo: *Bacterial toxins penetrating membrane: new tools for immunologists*
18.30-19.10 M. Malkovsky: *$\gamma\delta$ -T cells: regulation of their activities, β -chemokine production and „ $\gamma\delta$ -vaccines“*



Grill party

Thursday, 7th September 2000

Departure