

***2nd EFIS/EJI Belgrade Symposium/Postgraduate Course:
Inflammation at the Interface of Innate and Acquired
Immunity***

Belgrade, 7 - 10, September 2008.

SCIENTIFIC PROGRAM

DAY 1: SUNDAY, SEPTEMBER 7, 2008.

**National Assembly Building
(Main Hall, Nikola Pasic Square 13)**

17:00 - 17:30 Welcome and Opening Remarks

17:30 - 17:45 Break

Opening Lectures

Session Chairs - M Lukic, N Arsenijevic

17:45 - 18:25 F Y Liew (Glasgow)

- ***Novel cytokines in infectious and inflammatory disease***

18:25 - 19:05 Sergio Romagnani (Florence)

- ***Properties and origin of human Th17 cells***

19:05 - 19:45 Olivera Finn (Pittsburgh)

- ***Cancer immunosurveillance and immunotherapy***

20:15 - 22:00 Welcoming Reception

DAY 2, MONDAY, SEPTEMBER 8, 2008.

**THEME I: INNATE AND ACQUIRED IMMUNITY
IN INFECTION**

Hotel Hyatt Regency (Belgrade/Budva Halls)

Registration from 08:00

Session Chairs: F Y Liew and M Mostarica-Stojkovic

08:30 – 09:00 Stipan Jonjic (Rijeka)

- *Activation and inhibition of NK cells by murine cytomegalovirus*

09:00 – 09:20 Vladimir Badovinac (Iowa City)

- *CD8 T cell memory*

Keynote Lecture

09:20 – 10:00 Peter Doherty (Melbourne/Memphis)

- *Cell-mediated immunity in influenza*

10:00 – 10:30 Coffee break

10:30 – 10:50 Janko Nikolich-Zugich (Tucson)

- *T Cell response to viral infections in the old age: homeostatic and functional aspects.*

10:50 – 11:10 Ljiljana Sofronic-Milosavljevic (Belgrade)

- *Trichinella spiralis - helminth that holds back autoimmunity*

11:10 – 11:30 Desa Lilic (Newcastle)

- *Defects of dendritic cell cytokine and Th 17 immunity in human chronic candidiasis*

11:30 – 12:00 Sergei Nedospasov (Moscow/ Berlin)

- *Tumor necrosis factor as mediator of innate immunity and inflammation: importance of mouse models*

12:00 – 12:20 Miodrag Colic (Belgrade)
• *Immunology of periapical lesions*

12:20 – 14:00 Break

THEME II – IMMUNOPATHOLOGY OF INFLAMMATORY DISEASES

Session Chairs: S Romagnani, A Djukic

14:00 – 14:30 Georg Wick (Innsbruck)
• *Classical risk factors as inducers of anti-endothelial cell immune reactions in atherosclerosis*

14:30 – 14:50 Vera Pravica (Los Angeles)
• *Short arm of chromosome 6 : Genetic contribution to innate and acquired immunity*

14:50 – 15:10 Ratko Djukanovic (Southemphton)
• *Mechanisms of T cell activation and recruitment in asthma*

15:10 – 15:30 Stanislav Vukmanovic (Washington)
• *Alloimmunization in patients with sickle cell diseases: an experimental model to study “immune response genes” in humans*

15:30 – 15:50 Nada Pejnovic (London/Belgrade)
• *Increased atherosclerotic lesions in interleukin-18 deficient apolipoprotein e-knockout mice fed high-cholesterol diet reveal a role for Th17 cells in atherosclerosis*

15:50 – 16:10 Nikola Vujanovic (Pittsburgh)
• *Tumor necrosis factor alpha: the masterkey of inflammation and immune reactions*

17:00 – 22:00 Free evening

DAY 3, TUESDAY, SEPTEMBER 9, 2008.

THEME III - IMMUNOREGULATION

Session Chairs: S Nedospasov, M Colic

- 09:00 - 09:30** Hannes Stockinger (Vienna)
- *Regulatory pathways in T cells analyzed under nanometer precision and microsecond time resolution using single molecule imaging*
- 09:30 - 09:50** Miodrag Lukic (Kragujevac/AI Ain)
- *Galectin-3 in autoimmunity*
- 09:50 - 10:20** Dragana Jankovic (Bethesda)
- *Self control by Th-1 lymphocytes*
- 10:20 - 10:50** Coffee break
- 10:50 - 11:20** Anna Erdei (Budapest)
- *The role of complement system in the pathogenesis of experimental allergic encephalomyelitis*
- 11:20 - 11:35** Lazar Vujanovic (Pittsburgh)
- *Activation of human NK cells by adenovirally-engineered dendritic cells*
- 11:35 - 11:55** Milan Basta (Bethesda)
- *Immunoglobulins and inflammation: switching between stimulation and suppression*
- 11:55 - 12:25** Mathias von Herrath (La Jolla)
- *Viruses and Tregs-two sides of a coin*
- 12:25 - 14:00** Break

THEME IV: AUTOIMMUNITY

Session Chairs: M von Herrath, G Leposavic

14:00 – 14:30 Alexander Gabibov (Moscow)

- *Catalytic antibodies and autoimmunity*

14:30 – 15:00 Hartmut Wekerle (Munich)

- *Autoimmune T cell migration in experimental autoimmune encephalomyelitis: A journey through multiple milieus*

15:00 – 15:20 Ivana Stojanovic (Belgrade)

- *MIF – A cytokine at the top of the inflammatory cascade*

15:20 – 15:40 Marija Mostarica-Stojkovic (Belgrade)

- *Th1 and Th17 cells - partners or foes in CNS autoimmunity?*

15:40 – 15:55 Alexey Belogurov (Moscow)

- *Myelin basic protein epitope library: Path to diagnostics and treatment of multiple sclerosis*

15:55 – 16:10 Oliver Burton (Cambridge)

- *Schistosoma mansoni egg antigens directly and indirectly induce regulatory T cells that prevent diabetes in NOD mice*

16:10 – 16:25 Milica Vukmanovic-Stejic (London)

- *The kinetics of CD4⁺ Foxp3⁺ regulatory T cell accumulation and proliferation during an antigen-specific memory response in humans*

16:25 – 17:30 Poster discussion

19:00 Boat trip and conference dinner

DAY 4, WEDNESDAY, SEPTEMBER 10, 2008.

**THEME V: IMMUNOTHERAPEUTIC PERSPECTIVES IN CHRONIC
INFLAMMATORY DISEASES**

Session Chairs: A Erdei, S Stosic-Grujicic

08:30 – 08:50 Miodrag Stojkovic (Kragujevac/Valencia)

- ***Adult and embrional stem cells for treatment of human diseases***

08:50 – 09:20 Mario Abinun (Newcastle)

- ***Haematopoietic stem cell transplantation for severe rheumatic disorders in children***

09:20 – 09:50 Steffen Gay (Zurich)

- ***Innate immunity, epigenetics and autoimmunity in rheumatoid arthritis***

09:50 – 10:20 Tchavdar Vassilev (Sofia)

- ***Selective silencing of disease-associated autoreactive B lymphocytes by chimeric antibodies targeting their inhibitory Fcγ₁ and CD22 receptors***

10:20 – 10:50 Coffee break

Closing Lecture

Session Chairs: H Stockinger, LJ Sofronic-Milosavljevic

10:50 – 11:30 Charles Dinarello (Denver)

- ***The Role of the IL-1 Family in Inflammation***

11:30 – 11:50 N.A. Mitchison (London)

- ***Concluding comments***

11:50 – 12:10 Closing of the Meeting