

12th International Symposium on Molecular Cell Biology of Macrophages 2003, Utsunomiya, Tochigi

PROGRAM

June 19 (Thursday)

8:30 – Registration and Poster Mounting

9:00 – 9:05 Opening Remarks **Kenjiro Matsuno** (Dokkyo Univ, Tochigi)

Session 1: 9:10-12:10 Role of Macrophages/DCs in Allergy and Autoimmune Diseases

Organizers: **Susumu Ikehara** and **Richard Burt**

9:10-9:50 Autoimmune diseases as stem cell disorders: Abnormalities of hemopoietic cells including dendritic cells

Susumu Ikehara (Kansai Medical Univ, Osaka)

9:50-10:30 The plasmacytoid dendritic cell and CpG oligonucleotides in immunotherapy

Guenther Hartmann (Ludwig-Maximilians-Univ Munich, Germany)

10:30-10:50 **Coffee Break**

10:50-11:30 Pathogenesis of Guillain-Barré syndrome subsequent to *Campylobacter jejuni* enteritis **Nobuhiro Yuki** (Dokkyo Univ, Tochigi)

11:30-12:10 Effect of hematopoietic cytokines in autoimmune diseases

Richard Burt (Northwestern Univ Medical Center, Chicago, USA)

12:10-13:10 **Lunch and Poster Viewing**

Session 2: 13:10-16:55 Role of Spleen in the Host Defence

Organizers: **John Kearney** and **Kenjiro Matsuno**

13:10-13:50 Still unresolved mysteries of the spleen

Kenjiro Matsuno (Dokkyo Univ, Tochigi)

13:50-14:20 Structure of mouse spleen investigated by hyper-spectral imaging

Hiromichi Tsurui (Juntendo Univ, Tokyo)

14:20-14:40 **Coffee Break**

14:40-15:20 Signals and cells for memory CD4 T cells

Peter Lane (Birmingham Univ, UK)

15:20-16:00 Marginal zone B cells: Development and function

John Kearney (Univ Alabama at Birmingham, USA)

16:00-16:15 **Coffee Break**

16:15-16:55 The spleen response to *Leishmania donovani*: a model for examining the varied roles of macrophages and DC in infectious disease

Paul Kaye (London School of Hygiene and Tropical Medicine, UK)

- 16:55-17:05 **Business Meeting**
17:00-18:00 **Poster Session with Cheese and Wine** (Free Drinks)
18:00-20:00 **Get-Together Party**

June 20 (Friday)

Session 3: 9:00-12:00 Trafficking of Macrophages and DCs in Immune Responses 1

Organizers: **Kouji Matsushima and Gordon MacPherson**

- 9:00-9:40 Visualizing the movement of developing T cells in the thymus
Yousuke Takahama (Tokushima Univ and RIKEN RCAI)
- 9:40-10:20 Leukocyte and monocyte trafficking in inflammation and atherosclerosis
Klaus Ley (Univ Virginia Health System, Charlottesville, USA)
- 10:20-10:40 **Coffee Break**
- 10:40-11:20 Dendritic cell migration in lymph from peripheral tissues
Gordon MacPherson (Oxford Univ, UK)
- 11:20-12:00 The in vivo trafficking, relationship, and function of myeloid and plasmacytoid DC precursors
Hiroyuki Yoneyama (Tokyo Univ, Tokyo)
- 12:00-13:00 **Lunch and Poster Viewing**
- 13:00-13:20 **Honorary Lecture** History of macrophage research
Kiyoshi Takahashi (Kumamoto Univ, Kumamoto)
- 13:20-13:50 **Poster Awards** (1st and 2nd Places) to be elected

Session 4: 13:50-16:00 Trafficking of Macrophages and DCs in Immune Responses 2

Organizers: **Tatsuro Irimura and Teunis Geijtenbeek**

- 13:50-14:30 A fatal attraction: Mycobacterium tuberculosis and HIV-1 target DC-SIGN to escape immune surveillance
Teunis Geijtenbeek (Amsterdam Free Univ, The Netherlands)
- 14:30-14:50 **Coffee Break**
- 14:50-15:20 Heparanase at the invasive edge of migrating macrophages
Nobuaki Higashi (Tokyo Univ, Tokyo)
- 15:20-16:00 Transcriptome analysis of monocyte/macrophage differentiation and monocyte/endothelial cell interaction
Tatsuhiko Kodama (Tokyo Univ, RCAST, Tokyo)
- 16:00-16:15 **Concluding Remarks** **Kouji Matsushima** (Tokyo Univ, Tokyo)