

Scientific programme:

14.10.2009

Flow cytometry & Genomics: Application of flow cytometry and genomics approach in monoclonal gammopathies

9:00 am – 9:15 am Chairman's introduction
R. Hajek, Brno, Czech Republic

9:15 am – 10:30 am Theoretical part of workshop

FLOW CYTOMETRY

9:15 am - 9:30 am Immunophenotyping of plasma cell disorders
B. Paiva, Salamanca, Spain

9:30 am - 9:45 am Dynamics of malignant and non malignant cells in bone marrow during the early phase therapy of childhood ALL. Correlation with genetic changes using polychromatic FACSorting
E. Mejstrikova, Prague, Czech Republic

9:45 am - 10:00 am Comparison of plasma cells phenotype in MGUS and MM
L. Kovarova, Brno, Czech Republic

10:00 am - 10:15 am Fluorescence based separation of plasma cells
I. Buresova, Brno, Czech Republic

10:15 am - 10:30 am T regulatory cells in monoclonal gammopathies
K. R. Muthu Raja, Brno, Czech Republic

10:30 am - 11:00 am Coffee break

GENOMICS

11:00 am - 11:30 am Theoretical part of workshop

11:00 am - 11:15 am Epigenetics of multiple myeloma
E. Bartova, Brno, Czech Republic

11:15 am - 11:30 am Multiple myeloma - evaluation of SNPs
J. Minarik, Ch. Ramos, G. Morgan, D. Johnson, B. Durie, V. Kumar, B. Van Ness, Czech Republic

11:30 am - 12:30 pm Lunch break

12:30pm - 5:00 pm Practical part of workshop
Detection of clonal plasma cells by flow cytometry according to the EMN guidelines
L. Kovarova, I. Buresova, K. R. Muthu Raja, Brno, Czech Republic

5:00 pm – 5:30 pm Chairman's conclusion
R. Hajek, Brno, Czech Republic

15.10.2009

Immunotherapy of cancer

9:00 am - 9:05 am **Chairman's introduction**
J. Michalek, Brno, Czech Republic

PEPTIDE VACCINES

9:05 am - 9:25 am **WT1 and PR1 vaccination for patients with leukemia**
J. Barrett, K. Rezvani, S. Leihman, K. L. Blanc, R. Le, A. S. Yong, J. Michalek, NIH, Bethesda, USA

9:25 am - 9:45 am **Identification of novel RHAMM-derived epitopes as a promising targets for immunotherapy of chronic lymphocytic leukemia**
K. Giannopoulos, Lublin, Poland

9:45 am - 10:00 am **A tool for antigen delivery and T cell immune response induction for cancer immunotherapy: The adenylate cyclase toxoid**
P. Sebo, I. Adkins, J. Kamanova, M. Simsova, J. Masin, O. Stanek, Prague, Czech Republic

10:00 am - 10:15 am **CMV as a model for potent peptide vaccine construction**
J. Jelinek, I. Adkins, P. Sebo, J. Michalek, Brno, Czech Republic

10:15 am - 10:30 am **Non-pyrogenic nor-Muramyl lipoglycopeptides with immunostimulating activity: Structure-activity relationships**
M. Ledvina, M. Fusek, Prague, Czech Republic

10:30 am - 10:45 am **CTLA-4: One of the key molecules for the regulation of immune response?**
M. Stastny, Prague, Czech Republic

10:45 am – 11:10 am **Coffee break**

MESENCHYMAL STROMAL CELLS

11:10 am – 11:30 am **MSC for treatment of brain and spinal cord diseases**
E. Sykova, Prague, Czech Republic

11:50 am – 12:10 pm **Genetically modified MSC in the tumor treatment**
L. Kucerova, C. Altaner, Bratislava, Slovakia

12:10 pm – 12:30 pm **Optimalization of MSC for clinical application – UCIC experience**
V. Foltankova, E. Matejkova, J. Michalek, Brno, Czech Republic

12:30 pm – 12:50 pm **Mesenchymal stromal cells from bench to bedside: Current use in in hematopoietic stem cell transplantation and future prospects**
M. E. Bernardo, Pavia, Italy

1:10 pm – 1:20 pm **Discussion and concluding remarks**
J. Michalek, Brno, Czech Republic

1:20 pm – 2:00 pm **Lunch**

2:00 pm – 3:00 pm Roundtable discussion – potential peptide vaccination clinical trials

3:00 pm – 4:00 pm Roundtable discussion – potential MSC clinical trials

End of workshop