

Scientific programme: 5th MYELOMA WORKSHOP

6.10.2010

Flow cytometry & Cytogenetics: Application of Flow Cytometry and Cytogenetics Approach in Monoclonal Gammopathies and Multiple Myeloma

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 - 9:45 am **Myeloma Stem Cell**
H.E. Johnsen, Department of Haematology, Medical Centre Aalborg Hospital and Aalborg Hospital Science and Innovation Centre (AHSIC), Aarhus University Hospital, Aalborg, Denmark

9:45 am - 10:00 am **Is Flow Cytometry Able to Distinguish Monoclonal Gammopathies and/or Multiple Myeloma Subtypes with Good Prognosis?**
L. Kovarova, Brno, Czech Republic

10:00 am - 10:15 am **Characterization of Immune System in Multiple Myeloma or Novel Insights into Immune System of Multiple Myeloma Patients.**
K. Giannopoulos, Lublin, Poland

10:15 am - 10:30 am **Assessment of immune regulatory and suppressor cells in monoclonal gammopathies**
K. R. Muthu Raja, Brno, Czech Republic

10:30 am - 11:00 am Coffee break

CYTOGENETICS

11:00 am - 11:15 am **Impact of Chromosomal Abnormalities and Gain of 1q21 in Multiple Myeloma**
P. Nemeč, Brno, Czech Republic

11.15 am – 11.30 am **Array CGH in Multiple Myeloma: Practical Notes and Our Preliminary Results**
R. Zaoralova, Brno, Czech Republic

11.45 am – 12.00 am **Monoclonal Gammopathy of Undetermined Significance - Possibilities of Molecular Cytogenetic Investigation in Persons with Low Percent of Bone Marrow Plasma Cells**
A. Mikulasova, Brno, Czech Republic

12:00 am - 12:30 pm Lunch break

12:30 pm - 2:30 pm Practical part of workshop (part I) for registered participants only
Detection of Chromosomal Aberrations in Multiple Myeloma Using Simultaneous Immunofluorescent Labelling of Malignant Plasma Cells and Fluorescent in Situ Hybridization (cIg FISH)
Cytogenetic team, Brno, Czech Republic

Practical demonstration of plasma cells immunomagnetic separation
A. Nicodemou, Biohem

- 2:30 pm - 4:00 pm** **Practical part of workshop (part II) for registered participants only**
Clg FISH and Image Analysis Using New Version of LUCIA Software in Multiple Myeloma
Cytogenetic team, Brno, Czech Republic
- 4:00 pm - 4:30 pm** **Chairman's conclusion**
R. Hajek, Brno, Czech Republic