

6th IgCLL Educational Workshop

Uppsala, Sweden 22nd – 23rd September 2016

Immunoglobulin Gene Analysis in CLL: from prognosis and prediction to follow-up

PROGRAM:

Wednesday 21st September 2016

19:00 *Welcome dinner for invited speakers*

Thursday 22nd September 2016

8:00 **REGISTRATION**

8:30 **Lesley Ann Sutton (SE)** - *Welcome*

KEYNOTE LECTURES

Chair: **Richard Rosenquist (SE)**

8:40 **Dimitar Efremov (IT)** - *B cell receptor signaling pathways in health and disease*

9:30 **Lesley Ann Sutton (SE)** - *Immunogenetics in CLL: the last 20 years*

10:10 Coffee break

SESSION I – IG SEQUENCE ANALYSIS

Chair: **Kostas Stamatopoulos (GR)**

10:40 **Frederic Davi (FR)** - *Mechanisms of immunoglobulin diversity*

11:10 **Anton Langerak (NL)** - *From the patient to the sequence: Primers, PCR, Detection of clonality, Sequencing*

- 11:50 **Veronique Giudicelli** (FR) - *“IMGT tools for Interpretation of IG sequences and NGS repertoires: 2016 novelties”*
- 12:20 **Andreas Agathangelidis** (GR) - *BcR IG Stereotypy: Identifying CLL subsets*
- 12:50 Lunch

SESSION II – PRACTICAL EXERCISES

- 14:00 **Vasilis Bikos** (CZ) - Hands-on exercises I
- 15:00 Coffee break
- 15:30 **Vasilis Bikos** (CZ) - *Sequence interpretation and results*

SESSION III – IG GENES FOR CLINICAL DECISION-MAKING

- 16.30 **Richard Rosenquist** (SE) - *CLL genetics and prognostication*
- 17.00 **Paolo Ghia** (IT) - *Targeting signaling pathways for treating CLL*
- 17:30 **Round Table Discussion/Debate:**
IG genes or genetic aberrations for prognostication in CLL?
Panel: Fred Davi (FR), **Kostas Stamatopoulos** (GR), **Paolo Ghia** (IT), **Richard Rosenquist** (SE)
- 18:30 Scientific session closed
- 19:00 **Dinner**

Friday 23rd September 2016

SESSION V – IMMUNOGENETICS IN THE NGS ERA

- Chair: **Ton Langerak** (NL)
- 09:00 **Anna Vardi** (GR) - *Technical considerations for NGS analysis of immunoglobulin gene repertoires*

- 09:20 **Anastasia Hadzidimitriou** (GR) - *IMGT/High V-QUEST tool*
- 09:35 **Nikos Darzentas** (CZ) - *Bioinformatics: State-of-art tools for NGS immunogenetics*
- 10:00 **Kostas Stamatopoulos** (GR) - *Challenges with immunogenetics in the NGS era*
- 10:30 **Round Table Discussion/Debate:**
- Sanger versus NGS for IG gene analysis within clinical routine: what is feasible?*
- Panel: Fred Davi** (FR), **Kostas Stamatopoulos** (GR), **Ton Langerak** (NL)
- 11:15 Coffee break

SESSION VI – IMMUNOGENETICS AND DISEASE FOLLOW-UP: TRACKING MRD

- Chair: **Paolo Ghia** (IT)
- 11:45 **Christiane Pott** (DE) - *New developments in MRD monitoring via NGS in mature B cell malignancies*
- 12:15 **Andy Rawstron** (GB) - *Flow cytometric vs PCR MRD for CLL*
- 12:45 **Andy Rawstron** (GB) - *Guidelines for interpreting MRD flow data (hands-on computer session)*
- 13:15 **Round Table Discussion/Debate:**
- MRD detection in CLL and B cell lymphomas: what does the future hold?*
- Panel: Andy Rawstron** (GB), **Paolo Ghia** (IT), **Christiane Pott** (DE)
- 13:45 **Anastasia Hadzidimitriou** (GR) - *Concluding remarks*
- 14:00 Lunch
- 15:30 Meeting concludes
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