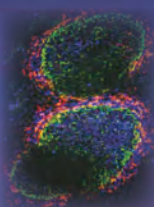




EuroMAbNet

European Monoclonal Antibodies Network

9th EuroMAbNet Meeting



Thursday, October 5th - Friday, October 6th, 2017
Regional Committee of the Hungarian Academy of Sciences
Pécs, Hungary

Meeting Schedule



Hungarian Academy of Sciences
Pécs Regional Center • Pécs, Hungary

Organizer:
Department of Immunology and Biotechnology
Clinical Center, University of Pécs



9th EUROMABNET MEETING

3rd ANTIBODY VALIDATION WORKSHOP - THURSDAY, OCTOBER 5th

MORNING SESSION

- 9:00 Dr. Giovanna Roncador ▫ *Head of the Monoclonal Antibody Unit, CNIO, Madrid*
Opening introduction
- 9:10 Prof. Pablo Engel ▫ *Department of Biomedical Sciences, School of Medicine, University of Barcelona, Spain*
The problems arising from poor antibody validation
- 9:40 Prof. Friedrich Koch-Nolte ▫ *Professor of Immunology and Molecular Biology, Institute of Immunology, Hamburg, Germany*
A basic introduction to antibodies - different types, isotypes, recombinant antibodies and methods of production
- 10:20 Dr. Demin Li ▫ *Nuffield Division of Clinical Laboratory Sciences, University of Oxford, UK*
How to approach an antibody project

COFFEE BREAK (11:00-11:30)

- 11:30 Dr. Giovanna Roncador ▫ *Head of the Monoclonal Antibody Unit, CNIO, Madrid, Spain*
Principles of antibody validation - examples showing approach to using controls, demonstrating reactivity with recombinant and endogenous target antigen, specificity and reproducibility
- 12:10 Dr. Lorena Maestre ▫ *Monoclonal Antibody Unit, CNIO, Madrid, Spain*
Reproducibility and dissemination of data
- 12:30 Dr. Raymond Chan ▫ *Bio-Techne, Abingdon, UK*
Sponsored talk: Validation of antibodies: not all targets are created equal

LUNCH (12:50-13:50)

AFTERNOON SESSION

- 14:00 Interactive Session "Meet the Experts I" ▫ *This session will be run twice, so that attendees can participate in more than one discussion group*
1. Meet the expert in immunohistochemistry
2. Meet the expert in western blotting
3. Meet the expert in immunofluorescence
- 15:10 Interactive Session "Meet the Experts II"
1. Meet the expert in immunohistochemistry
2. Meet the expert in western blotting
3. Meet the expert in immunofluorescence

WORKSHOP END (16:45)

DINNER (20:00)

9th EUROMABNET MEETING
SCIENTIFIC SECTION - FRIDAY, OCTOBER 6th

MORNING SESSION

Chair: Dr. Péter Balogh

- 9:00 Dr. Péter Balogh ▫ *Department of Immunology and Biotechnology, University of Pécs, Hungary*
Opening and welcome remarks
- 9:10 INVITED SPEAKER
Dr. Pierre Bruhns ▫ *Antibodies in therapy and Pathology Unit at Pasteur Institute, France*
Identifying antigen-specific antibodies using droplet microfluidics
- 9:40 Dr. Armand Bensussan ▫ *Immunology, Dermatologie & Oncology INSERM, France*
Expression of the immune checkpoint receptor CD160 in malignancies
- 10:10 Prof. Friedrich Koch-Nolte ▫ *Professor of Immunology and Molecular Biology, Institute of Immunology, Hamburg, Germany*
Validation of nanobodies and nanobody-based heavy chain antibodies against the CD38 ecto-enzyme and the P2X7 ion channel
- 10:40 Selected student short talk
Kristina M Ilieva ▫ *St John's Institute of Dermatology and Molecular Medicine, King's College London, Guy's Hospital, Tower Wing, London, UK*
Functionally active Fc mutant antibodies recognising cancer antigens generated rapidly at high yields
- 10:55 Selected student short talk
Isabel Corraliza-Gorjón ▫ *Centro Nacional de Biotecnología (CNB), Madrid, Spain*
Relevance of individual amino acids in the epitope identified by two anti-human CCR9 monoclonal antibodies with antitumor activity

COFFEE BREAK AND POSTER SESSION (11:10-11:40)

- 11:40 Dr. Péter Balogh ▫ *Department of Immunology and Biotechnology, University of Pécs, Hungary*
"Mice were immunized intraperitoneally".... and what the antigen saw there
- 12:10 Dr. Peter Engelmann ▫ *Department of Immunology and Biotechnology, University of Pécs, Hungary*
In-house developed monoclonal antibodies identify distinct annelid leukocyte markers
- 12:40 Selected student short talk
Yehfang Hu ▫ *The Scottish Fish Immunology Research Centre (SFIRC) University of Aberdeen, UK*
Characterisation of monoclonal antibodies for the detection of interferon-γ expression in vivo and in vitro in rainbow trout (Oncorhynchus mykiss)
- 12:55 Selected student short talk
Intissar Chahbani ▫ *Institute of Immunology, University Medical Center, Hamburg, Germany*
Generation and evaluation of chimeric nanobody-rabbit IgG heavy chain antibodies as tools for toxin-specific sandwich ELISA

LUNCH (13:10-14:00)

AFTERNOON SESSION

Chair: Armand Bensussan

- 14:00 Prof. Pablo Engel ▫ *Department of Biomedical Sciences, School of Medicine, University of Barcelona, Spain*
Validation of monoclonal antibodies against leukocyte immunoglobulin-like receptors (CD85/LILR) and nomenclature
- 14:30 Dr. Pierre Lafaye ▫ *Centre d'Innovation et de Technologie-CITECH, Institut Pasteur, Paris, France*
Obtention and characterization of VHHs directed against Zika virus
- 15:00 Dr. Demin Li ▫ *Nuffield Division of Clinical Laboratory Sciences, University of Oxford, UK*
Breast cancer-specific immune epitopes for antibody targeting
- 15:30 Dr. Ferenc Boldizsar ▫ *Department of Immunology and Biotechnology, University of Pecs, Hungary*
Site-directed point mutation analysis of the ZAP-70 kinase - two monoclonal antibodies reveal altered epitope structure

NEW MEMBER SESSION

- 16:00 Dr. Johanna Symmons ▫ *CEO at English & Scientific Consulting Kft (SCICONS) Budapest, Hungary*
Antibodies to RNA
- 16:30 Gholamreza Hassan Zadeh Ghassabeh ▫ *Manager at VIB Nanobody Service Facility VIB Nanobody Service Facility, Vrije Universiteit Brussels, Belgium*
Nanobodies in research, diagnosis and therapy

COFFEE BREAK AND POSTER SESSION (17:00-17:30)

EUROMABNET ROUNDTABLE (17:30-18:30)

END OF MEETING (18:30)



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Immunological Societies

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