



13th EuroMAbNet Meeting

SCIENTIFIC SECTION – TUESDAY, JUNE 18th

MORNING SESSION

Welcome Coffee (8:00-9:00)

Chair: Pierre Martineau

9:00 Opening and welcome remarks

9:10 **Invited Speaker**

Professor Sofia Kossida

Director IMGT at CNRS - Centre National de la Recherche Scientifique, University of Montpellier, France

IMGT®, the international ImMunoGeneTics information system® current endeavors and future perspective

9:40 **Luis Álvarez-Vallina**

Cancer Immunotherapy Unit (UNICA), 12 de Octubre, University Hospital, Madrid, Spain

Antibody-based T cell redirecting strategies

10:10 **Bruno Robert & Tristan Mangeat**

INSERM U896/Montpellier University/Val d'Aurelle Oncology Center, Montpellier, France

Optimizing antibody format and affinity to improve solid tumor targeting and decrease on-target off-tumor

10:40 Short talk: **Julia Hambach**

Institute of Immunology, University Medical Center Hamburg-Eppendorf, Hamburg, Germany

The highway to cancer treatment: Biparatopic CD38-specific nanobody-based CAR-NK and CAR-T cells for treatment of multiple myeloma

Coffee Break (10:55-11:30)

Chair: Vanda Juranic Lisnic

11:30 **Valerija Kovač**

Center for Immunology and Development and research group Biomedicine, Blood Transfusion Centre of Slovenia, Ljubljana, Slovenia

Antibody-based insight into prion protein-related neurodegenerative diseases

11:50 **Sophia Karagiannis**

Translational Cancer Immunology and Immunotherapy, King's College, UK

IgE immunotherapy for cancer translated to the clinic

12:10 **Poster Slam Session**

Lunch Break and Poster Viewing (13:00-14:00)



AFTERNOON SESSION

Chair: Sophia Karagiannis

- 14:00 Short talk: **Benjamina Esapa**
St. John's Institute of Dermatology, School of Basic & Medical Biosciences, King's College London, UK
Antigenic Epitope and Antibody Isotype Selection for the Design of Anti-CSPG4 Antibody and ADC Therapies for TNBC
- 14:15 **Indrė Kučinskaitė-Kodžė**
Department of Immunology, Institute of Biotechnology, Life Sciences Centre, Vilnius University, Vilnius, Lithuania
The use of bacteriophage-derived nanotubes as a carrier of target epitopes for tailored antibody production
- 14:35 **Roberto Perris**
Centre for Molecular and Translational Oncology & Department of Chemical and Life Sciences and Environmental Sustainability, University of Parma, Italy
Deconvoluted discovery of cancer-elective antigens for immunotherapeutic targeting.
- 14:55 **Jose Ignacio Barbosa**
Section of Transplantation Immunobiology, Leon, Spain
LIGHT (TNFSF14), a member of the TNF superfamily that interacts with HVEM and LTbR
- 15:20 Sponsor talk: **Tatjana Tufedzic**
Kuhner
Excellent Scaling up: Essential equipment in mAb production

Coffee Break (15:30-16:00)



Chair: Valerija Kovač

- 16:00 Sponsor talk: **Julian Kirschstein**
PEPperPRINT
Antibody Validation by High-Density Peptide and Protein Microarrays
- 16:10 **Anjana Kushwaha**
IMGT at CNRS - Centre National de la Recherche Scientifique, Montpellier, France
IMGT Robust Training Approach for class-I MHC Peptide Binding Prediction
- 16:30 **Giovanna Roncador**
Monoclonal Antibodies Unit CNIO, Madrid, Spain
Enhancing Transparency in Antibody Research: The Ab ID CARD Initiative

EuroMAbNet Roundtable (17:00-18:00)

EuroMAbNet Dinner (20:00)



13th EuroMAbNet Meeting

SCIENTIFIC SECTION - WEDNESDAY, JUNE 19th

MORNING SESSION

Welcome Coffee (8:00-9:00)

Chair: Pablo Engel

- 9:00 **Invited Speaker**
Anne Poupon
Research director of French National Institute for Agriculture, Food, and Environment (INRAE) and CTO and co-founder at MAbSilico Parice, France
Applying artificial intelligence to accelerate and de-risk antibody discovery
- 9:30 **Invited Speaker**
Pierre Cosson
Centre Médical Universitaire, Dpt of Cell Physiology and Metabolism, Geneva, Switzerland
The ABCD toolbox: a database, a journal and much more
- 10:00 **Friedrich Koch-Nolte**
Institute of Immunology, University Medical Center Hamburg-Eppendorf, Hamburg, Germany.
Nanobody discovery from camelids and mice
- 10:20 Short talk: **Alessa Schaffrath**
Institute of Immunology, University Medical Center Hamburg-Eppendorf, Hamburg, Germany
LaMice - An appealing alternative for nanobody discoveries
- 10:35 Short talk: **Nicola Koch**
Center for Proteomics, Faculty of Medicine, University of Rijeka, Croatia
Establishing an antibody toolbox for murine cytomegalovirus
- 10:50 Sponsor talk: **Radha Parmar**
Twist Bioscience
Leveraging cutting-edge DNA technologies to build precision libraries for antibody engineering

Coffee Break (11:00-11:30)



Chair: Luis Álvarez-Vallina

- 11:30 **Short talk: Rodrigo Lázaro-Gorines**
Cancer Immunotherapy Clinical Research Unit, H12O-CNIO, Madrid, Spain
Bispecific trimerbodies combining viral neutralization and dendritic cell-mediated crosspriming boost cytotoxic T cell responses and protect mice against lethal virus challenge
- 11:45 **Sponsor talk: Marcelo Viegas**
ProteoGenix
Advances in human antibody discovery and production
- 11:55 **Paola Kucan Brlc**
Center for Proteomics, Faculty of Medicine, University of Rijeka, Croatia
Therapeutic anti-PVR mAb restores DNAM-1 expression and enhances antitumor immunity
- 12:15 **Award ceremony!**

End of the Meeting (13:00)