

# EUROPEAN MEETING ON MOLECULAR DIAGNOSTICS

October 11 – 13, 2017

## SCIENTIFIC PROGRAM:

### Wednesday October 11, 2017

#### Registration

08:30 – 10:00 Breakfast satellite Mediphos

#### 10:15 Opening EMMD 2017

Session 1:

#### **MOLECULAR DIAGNOSTICS IN ONCOLOGY: diagnostics and therapy monitoring**

Chair: Prof .dr. E.J. Speel

**Keynote: Prof. dr. Klaus Pantel**

University Medical Center Hamburg-Eppendorf

*Title: Liquid Biopsy: Technologies and clinical applications*

*Lunch + Posters*

Session 2:

#### **MOLECULAR DIAGNOSTICS IN INFECTIOUS DISEASES I**

Chair: Dr. G. Storch, Dr. R. Molenkamp

**Keynote: Prof. dr. Jacques Schrenzel, MD**

Bacteriology and Genomic Research Laboratories, Geneva University Hospitals

*Title: Clinical metagenomics: why does microbiota matter?*

*Coffee break + Posters*

Session 3:

#### **MOLECULAR DIAGNOSTICS IN INFECTIOUS DISEASES II**

Chair: Dr. R. Molenkamp, Prof. J. Schrenzel

**Keynotes: Dr. Gregory Storch,**

Washington University School of Medicine

*Title: Update on Viral Metagenomics*

*Welcome reception & poster viewing*

**Thursday October 12, 2017**

07:15 – 08:45

*Breakfast satellite meeting Cepheid*

09:00 Session 4:

**HEALTH ECONOMICS**

Chairs: Prof. Dr. J. Schrenzel, Dr. S. Coughlan

**Keynotes: Prof. William Morice, MD, PhD**

Mayo Clinic School of Continuous Professional Development

*Title: Trends in Science, Technology, and Finance: What do they mean for the future of laboratory medicine?*

**Prof. Olivier Vandenberg, MD, PhD**

Department of Microbiology, LHUB - ULB, Pôle Hospitalier Universitaire de Bruxelles (PHUB)

*Title: Clinical utility and Cost-effectiveness of Molecular Diagnosis of Infectious Disease in a Belgian Laboratories Network Perspective*

**Session Panel:**

**Prof. Jacques Schrenzel, MD., Dr. Suzie Coughlan, Prof. William Morice, Prof. Olivier Vandenberg**

*Coffee break + Posters*

Session 5:

**QUALITY MANAGEMENT IN MOLECULAR DIAGNOSTICS**

Chair: Dr. S. Coughlan

**Keynotes:**

**Prof. dr. David Barton**

Molecular Genetics Laboratory, Department of Clinical Genetics, Our Lady's Children's Hospital, Crumlin Dublin

*Title: The new EU Regulation on IVDs – where did it come from, and what can we expect?*

**Prof. dr. Melissa B. Miller, PhD**

UNC School of Medicine, Chapel Hill, NC

*Title: Maintaining quality in molecular point of care testing for infectious diseases*

**Dr. David Bibby**

National Infection Service – Public Health England

*Title: Quality assurance of NGS*

*Lunch + POSTER SESSION\**

\* poster presentations by presenting author

Session 6:

**MOLECULAR DIAGNOSTICS IN LABORATORY MEDICINE: HEMATO-ONCOLOGY AND PHARMACOGENETICS**

Chairs: Prof. R. van Schaik, Dr. L. Cnops

**Keynotes:**

**Dr. Manja Meggendorfer**

MLL Münchner Leukämie Labor GmbH, München, Germany

*Title: Chances and pitfalls using NGS in diagnostics of myeloid leukemias*

**Dr. Frédéric Lambert**

C.H.U. de Liège, Belgium

*Title: Inherited mutations predisposing to myelodysplastic syndromes (MDS) and familial acute myeloblastic leukemia (AML): should we include those genes in the somatic panels ?*

**Prof. Mikko Niemi**

Professor Pharmacogenetics, Helsinki, Finland

*Title: Pharmacogenetics of drug transporters*

**Prof. Dr. Ron van Schaik**

Professor Pharmacogenetics Erasmus Mc Rotterdam, chair Committee Molecular  
Biology Diagnostics of the Dutch Clinical Chemistry Association (NVKC)  
*Title: Molecular diagnostic applications within the field of Clinical Chemistry*

**(+/-) 16:00      SATELLITE MEETINGS (Roche, Ugentec) / WORKING GROUPS / LEISURE TIME**

19:00    *Conference dinner and party (venue: informal location at beach-side)*

**Friday October 13, 2017**

07:15 – 08:45 *Breakfast satellite meeting by Hologic*

09:00 Session 7:

**MOLECULAR DIAGNOSTICS IN OUTBREAK MANAGEMENT of infectious diseases**

Chair: Prof. dr. P. Savelkoul

**Keynote:** Prof. dr. Heli Harvala

University College London Hospitals NHS Foundation Trust, London United Kingdom

*Title: What is the value of molecular investigations in a management of hospital viral outbreaks?"*

**Poster pitches**

*Coffee break + Posters*

Session 8:

**MOLECULAR DIAGNOSTICS IN PREVENTIVE MEDICINE**

Chair:

**Keynote: Dr. Erik Sijm**

VU University Medical Center Amsterdam, the Netherlands

*Title:*

NIPT, bloodbank screening and cancer screening

*Lunch + Posters*

Session 9:

**FUTURE DIAGNOSTIC TECHNOLOGIES AND LABORATORIES**

Chair: Dr. Stegerink

**Keynote:**

**Prof. dr. Leon Terstappen,**

MIRA Research Institute for Biomedical Technology and Technical Medicine,  
University of Twente, The Netherlands

*Title: Molecular characterization tumor Cells in blood to guide treatment of cancer patients*

**Keynote:** tbc

**Closure of the Meeting and final remarks**