

EUROPEAN MEETING ON MOLECULAR DIAGNOSTICS

October 11 – 13, 2017

SCIENTIFIC PROGRAM:

Wednesday October 11, 2017

Registration

Opening EMMD 2017

10:00 – 12:00

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

12:00 – 13:15

Lunch + Posters

13:15 – 15:15

Session 2:

MOLECULAR DIAGNOSTICS IN INFECTIOUS DISEASES I

Chair: Dr. G. Storch, Dr. S. Pas

Keynote: Prof. dr. Jacques Schrenzel, MD

Bacteriology and Genomic Research Laboratories, Geneva University Hospitals

Title: Clinical metagenomics: why does microbiota matter?

Coffee break + Posters

15:45 – 17:30

Session 3:

MOLECULAR DIAGNOSTICS IN INFECTIOUS DISEASES II

Chair: Dr. S. Pas, Prof. J. Schrenzel

Keynotes: Dr. Gregory Storch,

Washington University School of Medicine

Title: Update on Viral Metagenomics

17:30 *Welcome reception & poster viewing*

Thursday October 12, 2017

9:00 – 10: 45

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

10:45 – 11:15 Coffee break + Posters

11:15 – 12:45

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

12:45 – 14:00

Lunch + POSTER SESSION*

* poster presentations by presenting author

14:00 – 16:00

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 Leukämielabor 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 ?

tbc: pharmacogenetics

SATELLITE MEETINGS / WORKING GROUPS / LEISURE TIME

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

Friday October 13, 2017

9:00 – 11:00

Session 7:

MOLECULAR DIAGNOSTICS IN OUTBREAK MANAGEMENT of infectious diseases

Chair: Prof. dr. P. Savelkoul

Keynote: Prof. dr. Heli Harvala

Poster pitches

11:00 – 11:30 Coffee break + Posters

11:30 – 13:00

Session 8:

MOLECULAR DIAGNOSTICS IN PREVENTIVE MEDICINE

Chair:

Keynote: Dr. Erik Sistermans

VU University Medical Center Amsterdam, the Netherlands

Title:

NIPT, bloodbank screening and cancer screening

13:00 – 14:15 Lunch + Posters

14:15 – 16:00

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