



PROGRAM OF THE EUROPEAN MEETING ON MOLECULAR DIAGNOSTICS 2022

Grand Hotel Huis ter Duin, Noordwijk aan Zee
October 12 – 14, 2022

Wednesday October 12, 2022

08.30 - 10.00 *ThermoFisher satellite symposium (Panorama 1,2 & 3)*

10.00 – 10.30 Registration & coffee

10.30 **Opening EMMD 2022 (Main Lecture Hall)**

10.35 – 12.00 Session 1:
MOLECULAR DIAGNOSTICS IN ONCOLOGY

Chair: Dr. Ernst-Jan Speel & Dr. David Capper

10.35 -11.05 **Role of WGS in cancer diagnostics and therapy prediction (WIDE study)**
Dr. Paul Roepman
Hartwich Medical Foundation, The Netherlands

11.10-11.40 **Value of DNA methylation profiling in oncology diagnostics**
Dr. David Capper
Charité - Universitätsmedizin Berlin, Germany

11.45 – 12.00 **The M371-Test: A highly specific and sensitive serum-based test for the diagnosis and therapy monitoring of testicular germ cell tumors**
Andreas Lindauer A.
labor team w ag, Goldach, Switzerland (Abstract nr 3)

12.00 - 13.15 **LUNCH & POSTERS AT THE EXHIBITION AREA**

13.15 – 15.00 Session 2:
MOLECULAR DIAGNOSTICS IN INFECTIOUS DISEASES (I)

Chair: Dr. Jacques Schrenzel &

13.15 - 13.45 **Microbiome analyses: what have we learned?**
Dr. Eran Segal
Weizmann Institute of Science, Israel

13.50 – 14.20 **Strategic review of future phenotypic and genotypic diagnostic methods**
Dr. Sergio Carmona
FIND, The global alliance for diagnostics, Switzerland



- 14.25 – 14.40 **Rapid spread of monkeypox among risk groups in Amsterdam**
Mrs Brenda Westerhuis
GGD Amsterdam, Amsterdam, The Netherlands (Abstract nr. 7)
- 14.45 – 15.00 **Long-term circulation of OXA-48 carbapenemase producing *Citrobacter freundii* clones in a hospital setting**
Hannelore Hamerlinck
Department of Laboratory Medicine, Ghent, Belgium (Abstract nr. 8)

15.00 – 15.30 COFFEE BREAK & POSTERS AT THE EXHIBITION AREA

15.30 – 17.30 Session 3:
MOLECULAR DIAGNOSTICS IN LABORATORY MEDICINE AND GENETICS

Chair: Dr. Ron van Schaik & Dr. Paul Roepman

- 15.30 – 16.00 **Using targeted hybridization-capture NGS for addressing Pharmacogenetics**
Dr. Robert Akkers
Results Laboratorium Dordrecht, The Netherlands
- 16.05 – 16.35 **The GOALL and SENSE of clinical implementation of high-throughput genotyping arrays**
Dr. Jeroen van Rooij
Department of Internal Medicine, Erasmus MC, The Netherlands
- 16.40 – 17.10 **Personalized Evaluation of Measurable Residual Disease in Hemato-Oncology: Recent Prides and Future Strides**
Dr. Isidor Minović
Universitair Medisch Centrum Groningen, The Netherlands
- 17.15 – 17.30 **A long-read sequencing panel approach for pharmacogenomics**
Maaïke van der Lee
Leiden University Medical Center, Leiden, the Netherlands (Abstract nr. 32)

17.30 - 19.00 WELCOME RECEPTION & POSTER VIEWING AT THE EXHIBITION AREA



Thursday October 13, 2022

07.15 – 08.45 *UgenTec satellite symposium (Panorama 1,2 & 3)*

08.30 – 09.00 Registration & coffee

09.00 – 10.25 Session 4:

LIQUID BIOPSIES AND BLOOD BASED MOLECULAR DIAGNOSTICS

Chair: Dr. Ron van Schaik & Dr. Ellen Heitzer

9.00 – 9.30 **Liquid biopsy diagnostics: Overview of Technologies and Applications in Cancer**

Dr. Ellen Heitzer

Medical University of Graz, Austria

9.35 – 10.05 **Towards a Predictable Optimal Immune Milieu after Transplantation and Cellular Therapies**

Dr. Jaap Jan Boelens

Memorial Sloan Kettering Cancer Center, USA

10.10-10.25 **Performance of ddPCR, qPCR, and NGS for KRAS and EGFR mutation detection in plasma cell-free DNA of stage IIIB/IV lung adenocarcinoma patients, and comparison with the tissue molecular profile**

Dr. Ernst Jan Speel

Maastricht University Medical Center, the Netherlands (abstract nr. 38)

10.30 – 11.00 COFFEE BREAK & POSTERS AT THE EXHIBITION AREA

11.00 – 12.45 Session 5:

QUALITY MANAGEMENT AND AUTOMATION IN MOLECULAR DIAGNOSTICS

Chair: Dr. Malur Sudhanva &

11.00 – 11.30 **Multi-laboratory automation and mass testing: The lighthouse labs**

Dr. Malur Sudhanva

National Health Service, UK

11.35 – 12.05 **Consequences of IVDR laboratories, for control materials, EQA and for the industries; challenges ahead**

Dr. Alastair Ricketts

Qnostics, UK

12.10 – 12.25 **Challenges and potential solutions for implementation of off-label CE-IVD tests in the era of the IVDR**

Dr. Els Wessels

Leiden University Medical Center, The Netherlands

12.30 – 12.45 **Streamlined workflow for methylation analysis on cervical samples**

Arno Floore

Self-screen BV, Amsterdam, The Netherlands (Abstract nr. 42)



12.45 – 14.00 LUNCH & POSTER SESSION AT THE EXHIBITION AREA

**14.00 – 16.15 Session 6:
MOLECULAR DIAGNOSTICS IN PREVENTIVE MEDICINE**

Chair: Dr. Jaap-Jan Boelens & Dr. Kate Cuschieri

14.00 – 14.30 Mutation-tailored treatment selection in non-small cell lung cancer and cost-effectiveness of testing strategies

Dr. Lieneke Steeghs

Leiden University Medical Center, The Netherlands

14.35 – 15.05 HPV based population screening and the use of self-sampling

Dr. Kate Cuschieri

University of Edinburgh, Scotland

15.10 – 15.40 Molecular screening of blood donors for emerging agents: preparedness and response

Dr. Hans Zaaijer

Sanquin, The Netherlands

15.45 – 16.15 Application of Non-Invasive Molecular Pre-Natal Screening

Dr. Fiona Morgan

GenQA, Edinburgh, United Kingdom

16.15 – 18.30 Poster viewing | booth visiting | satellite meeting | networking groups | leisure time

16.30 – 18.00 *Biocartis satellite symposium (Panorama 1,2 & 3)*

18.30 – 22.00 EMMD CONFERENCE DINNER

Location: Restaurant Bries Noordwijk, Koningin Astrid Boulevard 102



Friday October 14, 2022

07.15 – 08.45 *SD Biosensor satellite symposium (Panorama 1,2 & 3)*

08.30 – 09.00 Registration & coffee

09.00 – 10.05 Session 7:
COVID PATHOGENESIS ENA EPIDEMIOLOGY

Chair: Dr. Marc van Ranst

9.00 – 9.30 **COVID and host susceptibility**
Dr. Bart Haagmans
Erasmus Medical Center, The Netherlands

9.35 – 10.05 **Setup, application and outcomes of the Danish large scale Sars-CoV-2 sequencing initiative**
Dr. Tyra Grove Krause
Statens Serum Institute, Denmark

10.05 – 10.35 COFFEE BREAK & POSTERS AT THE EXHIBITION AREA

10.35 – 12.50 Session 8:
NGS BASED METAGENOMICS

Chair: Dr. Jacques Schrenzel &

10.35 – 11.05 **Overview metagenomics**
Dr. Etienne Ruppé
Hopital Bichat, France

11.10 – 11.40 **Diagnostic application of viral metagenomics and bio-IT tools**
Dr. Jutte de Vries
Leiden University Medical Center, The Netherlands

11.45 – 12.15 **Utilizing mutational signatures from whole genome sequencing in cancer**
Dr. Helen Davies
Cambridge University, UK

12.20 – 12.50 **Multi-omics characterization of heterogeneous tumors**
Dr. Matthieu Foll
WHO, Geneva, Switzerland



12.50 – 14.05 LUNCH & POSTERS AT THE EXHIBITION AREA

14.05 – 15.45 Session 9:
DIAGNOSTIC PREPAREDNESS FROM DIFFERENT PERSPECTIVES

Chair: Dr. Richard Molenkamp & Dr. Tyra Grove Krause

14.05 – 14.35 **Consequences of COVID for laboratory diagnostics**
Dr. Marc van Ranst
KU Leuven, Belgium

14.40 – 15.10 **Innovative pandemic surveillance and monitoring strategies**
Dr. Marion Koopmans
Erasmus Medical Center, The Netherlands

15.15 – 15.45 **Pandemic preparedness: from the industry perspective**
Barbara Kamp
on behalf of Diagned, The Netherlands

15.45 – 16.00 CLOSURE OF THE MEETING AND FINAL REMARKS