



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

KEYNOTE LECTURE(S):

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

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

Selected abstract(s):

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 66)

12.00 - 13.15 LUNCH & POSTERS AT THE EXHIBITION AREA

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

KEYNOTE LECTURE(S):

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

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



Selected abstract(s)

- 14.25 – 14.40 **Rapid spread of monkeypox among risk groups in Amsterdam**
Mrs Brenda Westerhuis, GGD Amsterdam, Amsterdam, The Netherlands
(Abstract nr. 58)
- 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
(Abstract nr. 31)

15.00 – 15.30 COFFEE BREAK & POSTERS AT THE EXHIBITION AREA

- 15.30 – 17.15 Session 3: **MOLECULAR DIAGNOSTICS IN LABORATORY MEDICINE AND GENETICS**

KEYNOTE LECTURE

- 15.30 – 16.00 **Dr. Robert Akkers**, Results Laboratorium Dordrecht, The Netherlands:
Pharmacogenetics through NGS
- 16.05 – 16.35 **Jeroen van Rooij**, Erasmus mc, The Netherlands.
The GOAL initiative: the use of GSA array for clinical diagnostics

Selected abstract(s)

- 16.40 – 16.55 **A long-read sequencing panel approach for pharmacogenomics**
Maike van der Lee, Leiden University Medical Center, Leiden, the Netherlands
(Abstract nr. 53)

17.00 - 18.30 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 – 10.30 Session 4: **LIQUID BIOPSIES AND BLOOD BASED MOLECULAR DIAGNOSTICS**

KEYNOTE LECTURE(S);

9.00 – 9.30 **Dr. Ellen Heitzer**, Medical University of Graz, Austria
Liquid biopsy diagnostics: Overview of Technologies and Applications in Cancer

9.35 – 10.05 **Dr. Jaap Jan Boelens**, Memorial Sloan Kettering Cancer Center, USA:
Towards a Predictable Optimal Immune Milieu after Transplantation and Cellular Therapies

Selected abstract(s)

10.10-10.25 TBA

10.30 – 11.00 COFFEE BREAK & POSTERS AT THE EXHIBITION AREA

11.00 – 12.45 Session 5: **QUALITY MANAGEMENT AND AUTOMATION IN MOLECULAR DIAGNOSTICS**

KEYNOTE LECTURE(S):

11.00 – 11.30 **Dr Malur Sudhanva** National Health Service, UK:
Multi-laboratory automation and mass testing: The lighthouse labs

11.35 – 12.05 **Dr. Alastair Ricketts**, Gnostics, UK
Consequences of IVDR laboratories, for control materials, EQA and for the industries; challenges ahead

12.10 – 12.25 **Dr Els Wessels**, Leiden University Medical Center, The Netherlands
Challenges and potential solutions for the implementation of diagnostic tests outside the provided IVDR claim of the assay

Selected abstract(s)

12.30 – 12.45 **Streamlined workflow for methylation analysis on cervical samples**
Arno Floore Self-screen BV, Amsterdam, The Netherlands
(Abstract nr. 24)



12.45 – 14.00 **LUNCH & POSTER SESSION AT THE EXHIBITION AREA**

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

KEYNOTE LECTURE(S):

14.00 - 14.30 **Dr. Kate Cuschieri**, University of Edinburgh, Schotland):

HPV based population screening and the use of self-sampling

14.35 – 15.05 **Dr. Hans Zaaijer**, Sanquin, The Netherlands:

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

15.10 – 15.40 **Dr. Fiona Morgan**, GenQA, Edinburgh, United Kingdom

Application of Non-Invasive Molecular Pre-Natal Screening

Selected abstract(s)

15.45 – 16.00 **Association between bacterial vaginosis and hrHPV infection in women attending the Dutch cervical cancer screening program**

Anne Loonen, Jeroen Bosch Hospital, 's-Hertogenbosch, The Netherlands
(Abstract nr. 73)

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



Friday October 14, 2022

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

08.30 – 09.00 Registration & coffee

09.00 – 10.10 Session 7: **COVID PATHOGENESIS ENA EPIDEMIOLOGY**

KEYNOTE LECTURE(S)

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

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

10.05 – 10.35 COFFEE BREAK & POSTERS AT THE EXHIBITION AREA

10.35 – 12.50 Session 8: **NGS BASED METAGENOMICS**

KEYNOTE LECTURE(S):

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

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

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

12.20 – 12.50 **Dr. Matthieu Foll**, WHO, Geneva, Switzerland:
Cancer genomics as a particular example of metagenomics



13.00 – 14.15 LUNCH & POSTERS AT THE EXHIBITION AREA

14.15 – 16.00 Session 9: **DIAGNOSTIC PREPAREDNESS FROM DIFFERENT PERSPECTIVES**

KEYNOTE LECTURE(S) :

14.15 – 14.45 **Dr. Marc van Ranst**, KU Leuven, Belgium
Consequences of COVID for laboratory diagnostics

14.55 – 15.25 **Dr. Marion Koopmans**, Erasmus Medical Center, The Netherlands:
Innovative pandemic surveillance and monitoring strategies

15.30 – 16.00 **Barbara Kamp**, on behalf of Diagned, The Netherlands:
Pandemic preparedness: from the industry perspective

16:00 – 16.15 CLOSURE OF THE MEETING AND FINAL REMARKS