



## 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 7)*

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<sup>1</sup>, Frey J<sup>2</sup>, Winter N<sup>2</sup>, Pohl R<sup>1</sup>, Grutsch A<sup>1</sup>, Helms S<sup>2</sup>, Bossert S<sup>2</sup>, Brinkmann T<sup>1</sup>, Funke G<sup>1</sup>, Radtke A<sup>2</sup>  
<sup>1</sup>labor team w ag, Goldach, Switzerland. <sup>2</sup>mir|detect biotracing, Bremerhaven, Germany.  
**Abstract nr 66**

**12.00 - 13.15 LUNCH & POSTERS**

**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, A. Stam, M. Welkers, R. Vigeveno, M. Jonges, G. van Rijkevorse, H. de Vries, M. van der Lubben, S. Bruisten  
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<sup>1,2</sup>, J. Boelens<sup>1,2</sup>, K. Claus<sup>1</sup>, I. Leroux-Roels<sup>1,2,3</sup>, A. Messiaen<sup>1</sup>, K. Stevens<sup>1</sup>, S. Vandendriessche<sup>1</sup>, S. Verhofstede<sup>1</sup> A. Aerssens<sup>3</sup>, B. Verhasselt<sup>1,2</sup>  
<sup>1</sup>Department of Laboratory Medicine, Ghent University Hospital, Ghent, Belgium  
<sup>2</sup>Department of Diagnostic Sciences, Ghent University, Ghent, Belgium  
<sup>3</sup>Department of Infection Control, Ghent University Hospital, Ghent, Belgium  
**Abstract nr. 31**
- 15.00 – 15.30 **COFFEE BREAK & POSTERS**
- 15.30 – 17.15 Session 3: **MOLECULAR DIAGNOSTICS IN LABORATORY MEDICINE AND GENETICS**
- KEYNOTE LECTURE**
- 15.30 – 16.00 **Dr. Robert Akkers**, Result Laboratorium, The Netherlands  
Pharmacogenetics through NGS
- 16.05 – 16.35 TBA

### Selected abstract(s)

- 16.40 – 16.55 **A long-read sequencing panel approach for pharmacogenomics**  
Maaïke van der Lee, R. Menafra, Q. Zhai, L. Busscher, L.J. Graansma, R.R. van den Berg, S.L. Kloet, J.J. Swen  
Leiden University Medical Center, Leiden, the Netherlands  
**Abstract nr. 53**
- 17.00 - 18.30 **WELCOME RECEPTION & POSTER VIEWING**



**Thursday October 13, 2022**

07.15 – 08.45 *UgenTec satellite symposium (Panorama 7)*

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**

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

12.10 – 12.25 Tba

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\***

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 **Fiona Morgan**

**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, F. Verhagen, P. Passarinho, I. Luijten- De Vrije, M. Lentjes-Beer, Marjolein, R. Huijsmans, A. Van Den Brule  
Jeroen Bosch Hospital, 's-Hertogenbosch, The Netherlands  
**Abstract nr. 73**

16.15 – 18:30 Poster viewing / satellite meetings / networking groups / leisure time

16.30 – 18.00 *Biocartis satellite symposium (Panorama 7)*

**18.30 – 22.00 EMMD CONFERENCE DINNER**



**Friday October 14, 2022**

07.15 – 08.45 *SD Biosensor satellite symposium (Panorama 7)*

08.30 – 09.00 Registration & coffee

09.00 – 10.10 Session 7: **COVID FROM DIFFERENT PERSPECTIVES**

**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:  
Titel

**10.10 – 10.40 COFFEE BREAK & POSTERS**

10.45 – 13.15 Session 8: **NGS BASED METAGENOMICS**

**KEYNOTE LECTURE(S):**

10.45 – 11.15 **Dr. Etienne Ruppé**, Hopital Bichat, France:  
Overview metagenomics

11.20 – 11.50 **Dr. Jutte de Vries**, Leiden University Medical Center, The Netherlands:  
Diagnostic application of viral metagenomics and bio-IT tools

11.55 – 12.25 **Dr. Helen Davies**, Cambridge University, UK:  
Utilizing mutational signatures from whole genome sequencing in cancer

12.30 – 13.00 **Dr. Matthieu Foll**, WHO, Geneva, Switzerland:  
Cancer genomics as a particular example of metagenomics

**Selected abstract(s)**

13.05 – 13.15 **Whole Genome Sequencing of Human BK Polyomavirus Using Next-Generation Sequencing**  
Sofiane Mohamed, V. Descamps , V. Morel , C. Sayada, E. Brochot  
**Abstract nr 83**



**13.15 – 14.30 LUNCH & POSTERS**

**14.30 – 16.15** Session 9: **INNOVATION AND PANDEMIC PREPAREDNESS**

**KEYNOTE LECTURE(S) :**

14.30 – 15.00 **Dr. Marc van Ranst**, KU Leuven, Belgium  
Title tba

15.05 – 15.35 **Dr. Marion Koopmans**, Erasmus Medical Center, The Netherlands:  
Innovative pandemic surveillance and monitoring strategies

15.40 – 16.10 **Barbara Kamp**, on behalf of Diagned, The Netherlands:  
Pandemic preparedness: from the industry perspective

**16:15 – 16.30 CLOSURE OF THE MEETING AND FINAL REMARKS**