



# ESGMD

## ESCMID STUDY GROUP FOR GENOMIC AND MOLECULAR DIAGNOSTICS

European Society of Clinical Microbiology and Infectious Diseases

### ESGMD @ ECCMID 2018

**The ESGMD *business meeting***  
22 April 2018, 13.15–14.15 (Room A9-8)

*Educational Workshop 24/4 – 13:30-15:30 - Hall H*  
**Career development for the next generation of CM/ID professionals**  
J. Moran-Gilad, C. Pulcini, A. W. Friedrich

*Symposium 23/4 – 14:30-15:30 - Hall J*  
**New advances in the molecular detection of atypical agents of respiratory tract infections**  
C. Bebear, S. Jarraud

*Symposium 24/4 – 11:30-12:30 – Hall E*  
**Bioterrorism preparedness: molecular update**  
A. Markotic, R. Grunow

*Symposium 23/4 – 14:30-15:30 – Hall G*  
**Whole-genome sequencing and anaerobes**  
J. Rossen, A. Mellmann

*Symposium 24/4 – 09:00-11:00 – Hall C*  
**The clinical microbiology laboratory in 2020**  
H. Goossens, K. Templeton, F. Laurent, S. Poutanen

### Mission & Objectives

- Study all aspects of the use of molecular and genomic techniques underpinning the diagnosis, treatment, prevention and control of infectious diseases
- Lead the development, appraisal and implementation of new diagnostic strategies
- Initiate and coordinate international research projects to inform improved infectious disease diagnosis
- Train and educate professionals engaged in new diagnostics and support building of diagnostic capacity
- Develop guidance and policy on the development, integration and interpretation of genomic and molecular diagnostics
- Collaborate with a range of stakeholders in the field of clinical microbiology internally (other SGs) and externally
- Promote a growing international community dedicated to genomic and molecular diagnostics

### ESGMD Initiatives

Special issues on MDx and Omics in peer-reviewed medical journal

Development of a clinical EQA scheme for clinical labs

Drafting of ESGMD Position paper on MDx development

Submission of Study Group grant proposals for ESCMID and external funding

Capacity-building workshops in Lausanne (9/18) and Groningen (10/18)

### Activity highlights



**Capacity-building Workshop: Applications of MALDI-TOF Mass-Spectrometry in Clinical Microbiology.** Basel, Switzerland, 13 – 15 March 2017

**Improving the Diagnosis of Bloodstream Infections – Advancing Technology and Quality for Better Care.** Nice, France, 28 – 31 March 2017

**Capacity-Building Workshop: Whole-Genome Sequencing for Clinical Microbiology and Hospital Epidemiology.** Freiburg, Germany, 10 – 13 October 2017

**Omics of Host and Pathogens During Infections.** Grenoble, France, 6 – 8 September 2017

**Regional Capacity- Building for Integration of Next-Generation Sequencing in the Clinical Microlab.** Herzliya, Israel, 30 Oct – 1 Nov 2017

**3<sup>rd</sup> post-graduate course – Principles of Molecular Diagnostics,** Maastricht, The Netherlands, 17 – 19 January 2018



### Collaborations

SoGAT Int'l Working Group

Global Microbial Identifier (GMI)

JPI-AMR Consortium on Rapid Dx Testing

Dutch Societies (NVMM & WMDI)

American Society for Microbiology (ASM)

Belgium Society for MDx

QCMD

Various ESCMID Study Groups

European Society for Clinical Virology

### Board & Membership

**Executive Committee:** Prof. Jacob Moran-Gilad (**Chair**), Dr. John WA Rossen (**Scientific Secretary**) and Dr. Eric CJ Claas (**Treasurer**)

**Board members:** Dr. Adrian Egli, Prof. Gilbert Greub, Prof. Colin Mackenzie, Dr. Marijke Raymaekers, Dr. Belén Rodríguez-Sánchez, Prof. Paul Savelkoul and Dr. Kate Templeton

Did you know? ESGMD has over **200** members and is a top-performing ESCMID Study Group

We warmly welcome new members to continue developing our range of activities. Join us also @ LinkedIn

