

Day 1: Wednesday, January 17th 2018

- 09:00 **Registration**
- 09:45 **Welcome**
Paul Savelkoul
- 10:00 **Real-time PCR and melting analysis**
Carl Wittwer
- 10:30 **Quantitation**
Jim Huggett
- 11:00 Coffee Break**
- 11:30 **Pre-PCR processing**
Peter Radstrom
- 12:00 **PCR mastermix – the underrated ingredient**
Stephen Bustin
- 12:30 Lunch**
- 13:30 **Parallel interactive workshop 1: PCR: Basics/PCR for starters/case reports**
Marijke Raymaekers & Els Wessels (moderators)
Stephen Bustin, Ruud Jansen (experts)
- Parallel interactive workshop 2: PCR: Advanced/experienced PCR/case reports**
Richard Molenkamp & Jim Huggett (moderators)
Carl Wittwer, Kate Templeton (experts)
- 15:00 Coffee Break**
- 15:30 **Parallel interactive workshop 3: Nucleic acid extraction**
Ruud Jansen & Petra Wolfs (moderators)
Peter Radstrom, Eric Claas (experts)
- Parallel interactive workshop 4: Clinical aspects & interpretation of MDx results**
Colin Mackenzie & Inge van Loo (moderators)
Paul Savelkoul (expert)

17:00 **Alternative PCR approaches: pro's and con's**
Els Wessels

17:30 **Short presentations about new developments by companies**

18:00 Drinks and Snacks

Day 2: Thursday, January 18th 2018

- 09:00 **Highlights of interactive workshops day 1**
Petra Wolffs
- 09:30 **Molecular typing for infection Control**
Lieke van Alphen
- 10:00 **Molecular diagnostics in low resource settings**
Sabine Dittrich
- 10:30 **Molecular diagnostics for outbreaks in low resource settings**
Amy Mikhail
- 11:00 Coffee Break**
- 11:30 **Parallel interactive workshop 5: Starting MDx in low resource settings**
Sabine Dittrich & Amy Mikhail (moderators)
Lieke van Alphen, Eric Claas (experts)
- Parallel interactive workshop 6: Typing, resistance and virulence**
Paul Savelkoul & John Rossen (moderators on behalf of ESGEM)
Expert (to be confirmed), Petra Wolffs (experts)
- 13:00 Photo session**
- 13:15 Lunch**
- 14:00 **Next-Generation Sequencing: Current methods (theory)**
Aldert Zomer
- 14:30 **ISO-certification/Quality control for Molecular Diagnostics**
Bert Niesters
- 15:00 Coffee Break**
- 15:30 Parallel interactive workshop 7: Broad-range PCR: clinical interpretation of results**
Paul Savelkoul & Mirjam Kooistra (moderators)
Gilbert Greub, Colin Mackenzie (experts)
- Parallel interactive workshop 8: CE-IVD, regulations and guidelines**
Marijke Raymaekers & Richard Molenkamp (moderators)
Bert Niesters (expert)
- 17:00 **Applications of NGS**
Jacob Moran Gilad

Day 2: Social Program

- 18:00 **Departure**
(by special bus from Hotel van der Valk)
- 18:30 **Social Activity**
- 20:00 **Dinner**
- 22:30 **Departure**
- 23:00 **Arrival**
(Hotel van der Valk)

Day 3: Friday, January 19th 2018

- 09:00 **Highlights of interactive workshops day 2**
Lieke van Alphen
- 09:30 **Molecular detection of antimicrobial resistance**
Speaker (to be confirmed)
- 10:00 **MALDI-ToF-MS**
Gilbert Greub
- 10:30 Coffee Break**
- 11:00 **Near bedside MDx applications**
Richard Hodinka
- 11:30 **Parallel interactive workshop 9: Molecular diagnostics: when to use (commercial vs in-house)**
Eric Claas & Colin MacKenzie (moderators)
Richard Hodinka, Kate Templeton (experts)
- Parallel interactive workshop 10: MALDI-ToF and its clinical applications**
Gilbert Greub & Belen Rodriguez Sanchez (moderators)
Helke van Dessel (expert)
- 13:00 **Future developments in molecular diagnostics**
Jacob Moran Gilad, chairman ESGMD
- 13:30 Closing lunch**
- 14:30 End of the meeting & Departure**