

WEDNESDAY, NOVEMBER 8, 2017

10:30 – 11:00 AM **Welcome Address**

11:00 – 12:30 PM **Point-of-Care-Diagnostic**

Diagnosis of infections by photonic technologies
Popp J (Keynote)

Next-generation near-patient biomarker diagnostics
Stückemann T

Open universal diagnostics platform for global health applications
Becker H

Lab-on-a-Chip with Incorporated Microarrays for the Detection of AMRs
Peter H

12:30 – 01:30 PM **Lunch / Poster Session I**

01:30 – 03:00 PM **Next generation sequencing in diagnostics**

NGS in infection diagnostics
Barzon L (Keynote)

Waste water E. coli are multi-drug resistant with pathogenic potential and have an unexpectedly large pan genome harbouring antibiotic resistance genes
Schroeder M

Rapid nanopore sequencing-based diagnostic platform for blood-stream infections
Hoffmann A

Bacterial communities in human heart valves. Towards a new paradigm in infectious endocarditis?
Calvo-Cano A

Analysis of cell-mediated and humoral immunity in veterinary research
Mabtech AB

Kindly supported by Mabtech AB



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03:30 – 04:30 PM **Commercialization**

Developments for infectious disease diagnostics – a company perspective
Ehrlich R (Keynote)

Bringing Point-of-Care Diagnostics to the Market - Nothing for the Faint Hearted
Ermantraut E (Keynote)

04:30 – 04:45 PM **Break**

04:45 – 06:00 PM **Nucleic acid based diagnostics**

The application of isothermal nucleic acid amplification in diagnostics and point-of-care testing
Kersting S

Combination of classifiers identifies fungal-specific activation of the lysosome genes in monocytes
König R

Strategies and solutions for sample preparation in the diagnostics of infectious diseases
Sandetskaya N

Diagnosis and understanding of chronic infections. Remember the biofilm
Rolighed Thomsen T

Handheld disease diagnosis; science fiction or reality
Kint J

Kindly supported by Biotype Diagnostic GmbH



06:00 – 06:15 PM **Break**

06:15 – 07:00 PM **Evening Lecture**

Challenges for diagnosis of infectious diseases through globalization
Koopmanns M (Keynote)

from 07:00 PM **Get Together**

THURSDAY, NOVEMBER 9, 2017

09:00 – 10:30 AM Sepsis diagnostics

The history and future of sepsis diagnosis

Bauer M (Keynote)

Clinical evaluation of next-generation sequencing diagnostics of infecting agents in septic patients /// Next-generation sequencing diagnostics of bacteremia in septic patients

Grumaz S

Detection of carbapenem resistance in Gram-negative bacteria from agar cultures and directly from positive blood cultures using light-scattering method

Idelevich E A

Transcriptional profiling of innate immune cells in the critically ill to distinguish between sepsis and non-infectious systemic inflammation

Coulibaly A

10:30 – 11:00 AM Coffee Break

11:00 – 12:00 AM Regulatory Issues

FDA's Role In Building the ID NGS Diagnostic Toolkit

Sichtig H (Keynote)

Some carrots and many sticks: Clinical trials in accordance with the new EU-regulation

Hain J

12:00 – 01:00 PM Lunch / Poster Session II

THURSDAY, NOVEMBER 9, 2017

01:00 – 02:30 PM Diagnosis of Infectious Diseases

Latest findings in ZIKA diagnosis

Schmidt-Chanasit J (Keynote)

Development of a peptide-based subtyping platform for influenza viruses (FluType)

Hovestädt M

Chikungunya outbreak investigation in a Cambodian rural community – Long-lasting immunity and cross-protection across diverse genotypes

Auerswald H

Rapid on-chip detection of Chlamydia trachomatis for using loop-mediated isothermal amplification

Kuhlmeier D

From batch to continuous purification of biomolecules

KNAUER Wissenschaftliche Geräte GmbH

Kindly supported by KNAUER Wissenschaftliche Geräte GmbH



02:30 – 02:45 PM Coffee Break

02:45 – 03:45 PM Serology based diagnostics

CTCelect: Fully automated singularization of CTCs from blood for cancer immunotherapy

Schunck T

Immunoprofiling – basis for serodiagnostics

Neumann T

Differentiation of dengue and Zika virus antibodies using envelope proteins with mutations in the conserved fusion loop domain

Rockstroh A

Improved dose decision with comprehensive Diagnostics data

Brand J

