

8:15 Registration desk open; coffee, tea

>>>> PLENARY PROGRAM

9:00 **Improving Global Health sector governance.**

Mark Schneiders; CEO KIT Royal Tropical Institute, Amsterdam, The Netherlands

9:15 **Global impact of AMR: Vaccines as part of the solution.**

Dr. med. Frederick Wittke; Executive Director TA Head Vaccines, European Clinical Development MSD, Lucerne, Switzerland

9:45 **Preventing AMR: chances for AI, IoT and Blockchain in the context of the fourth industrial revolution.**

Dr Maarten van Dongen; Director AMR Insights, Utrecht, The Netherlands

10:30

COFFEE - INFOMARKET

TECHNOLOGY UPDATES AI, IOT, BICHn

11:00 **Use of big data in targeting antibiotics: time for a paradigm shift?**

Prof. Tjeerd van Staa; Health eResearch Centre, University of Manchester, Manchester, UK

11:30 **Impact of IoT to curb AMR in a future healthcare setting.**

Dr John Hays; Associate Professor Medical Microbiology & Infectious Diseases, University Medical Center Rotterdam, Rotterdam, The Netherlands

12:00 **Sustainable and affordable introduction of novel antibiotics through blockchain technology.**

Brett Hahn / Isabel Koopmanschap / Hannah van Schoubroeck; Free University Amsterdam & Amsterdam Institute Global Health Development, The Netherlands

12:30

LUNCH - INFOMARKET

>>>> PARALLEL PROGRAM

SME / PROJECT PRESENTATIONS

1:30 **A new serious AMR Diagnostics Game to collect antibiotics prescribing data.**

Rene Luigies, MBA; Game Solutions Lab, Eindhoven, The Netherlands

1:50 **AI in AMR diagnostics.**

Dr Andreas Posch; Ares Genetics GmbH, Germany

2:10 **Can AI help to estimate the global burden of AMR?**

Dr Catrin Moore; Big Data Institute, University of Oxford, Oxford, United Kingdom

2:20 **Bringing trustworthy-AI, knowledge discovery and visualization to evidence based research (Skype session with USA).**

Hooman Kashef; sensAI Technologies UK LTD, Oxford, United Kingdom

2:30 **Machine learning software to predict antibiotic resistance and pathogen types.**

Dr Sebastian Dümcke; Clemedi AG, Schlieren, Switzerland

2:50 **Rapid discovery of highly efficient plant extracts against MDR microbes relevant to humans and animals.**

Dr Pascal Mayer; Alphanosos, Riom, France

3:10 **Technologies to discover novel antibiotics: HIPS & the international IRAADD network.**

Dr Marcus Miethke; Helmholtz Institute for Pharmaceutical Research Saarland; Saarbrücken, Germany

3:30 **A survey on biological data in AMR in collaboration with JPIAMR and VALUE-Dx.**

Dr Margreet Bloemers; The Netherlands Organization for Health Research and Development, The Hague, The Netherlands

3:35

TEA - INFOMARKET

>>>> PLENARY PROGRAM

DATA TECHNOLOGY PLATFORMS

4:00 **ATLAS: Fully-searchable global antibiotic resistance database to fight AMR.**

Michael J. Dowzicky, M.S., MT ASCP; Pfizer, Collegeville, PA, USA

4:30 **Deal with messy AMR data the clever way.**

Lasse Goerlitz; grit42, Copenhagen, Denmark

FORUM DISCUSSION

5:00 **Data Technologies to corner AMR: Priorities, Funding & Critical Success Factors.**

Forum members including AIGHD, NADP, Amsterdam in Business and others

5:30

COCKTAIL RECEPTION - INFOMARKET