

analytica conference

10.4.18 -
12.4.18

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Trade Fair Munich

**Deutsche Gesellschaft
für Klinische Chemie
und Laboratoriumsmedizin e.V.**



analytica
conference

Tuesday, 10 th of April 2018

10.00 – 12.00 Session 1 Novel aspects of hormone analysis

Chair Michael Vogeser

- 10.00 Squaring the circle – Making routine TSH assays to agree, Linda Thienpont (Rennertshofen – Germany)
- 10.40 Application of mass spectrometry methods in the endocrine routine laboratory, Stefan Grebe (Rochester – USA)
- 11.20 Harmonization of steroid profiles for LC-MS/MS measurements, Flaminia Fanelli (Bologna – Italy)
- 11.40 Interference of biotin in endocrine assays, Martin Bidlingmaier (Munic – Germany)

12.30 – 14.30 Session 2 Clinical mass spectrometry in metabolomics and proteomics application

Chairs Uta Ceglarek, Peter Findeisen

- 12.30 Drug monitoring of the therapeutic antibodies, Ann Gils (Leuven – Belgium)
- 13.00 Quantification of Apolipoproteins with LC-MS/MS, René Ruhaak (Leiden – Netherlands)
- 13.30 Oxysterol- and bile acid profiling in brain and plasma, Madlen Sander (Leipzig – Germany)
- 14.00 Reference measurements by quantitative bottom-up proteomics, André Henrion (Braunschweig – Germany)

15.00 – 17.00 Session 3 Reference Ranges – Data Mining at the Cusp of Clinical Translation

Chair Thomas Streichert

- 15.00 Indirect Approaches for the Estimation of Reference Intervals – an Overview, T. Streichert (Köln – Germany)
- 15.40 PEDREF – Next-Generation Pediatric Reference Intervals, Jakob Zierk (Erlangen – Germany)
- 16.20 NUMBER: National reference interval in the Netherlands using a „big data“ approach, Nanette Brouwer (Purmerend – Netherlands)

This congress is registered for certification at the Bayerische Landesärztekammer (BLÄK).

Wednesday, 11 th April 2018

10.00 – 12.00 Session 4 Genomics

Chair Hanns-Georg Klein

- 10.00 Liquid Profilig for therapy monitoring and detection of minimal residual disease, Stefan Holdenrieder (Munic – Germany)
- 10.30 Liquid Biopsy as a diagnostic tool in molecular pathology, Barbara Dockhorn-Dworniczak (Kempten – Germany)
- 11.00 Exosomal DNA/RNA as novel diagnostic analytes, N.N.
- 11.30 Integrated Diagnostics: what it takes and what it means, Hanns-Georg Klein (Martinsried – Germany)

12.30 – 14.30 Session 5 Laboratory Management

Chair Matthias Orth

- 12.30 Standardization of analyte names for long-term data storage: a German perspective, Bernhard Wiegand (Straubing – Germany)
- 13.10 Advantages of laboratory data normalization in the context of electronic patient records, Georg Erich Hoffmann (Grafrath – Germany)
- 13.50 P4P (pay for performance) in Laboratory Medicine, Matthias Orth (Stuttgart – Germany)

15.00 – 17.00 Session 6 Aspects of Quality Management in the Serological Immune Diagnostics

Chairs Karsten Conrad, Ulrich Sack

- 15.00 Standardization of Serological Immune Diagnostics, Walter Fierz (St. Gallen – Switzerland)
- 15.30 Evidence-based Laboratory Medicine – Application in Autoimmune Testing, Xavier Bossuyt (Leuven – Belgium)
- 16.00 Harmonization of the HEp-2 Cell Assay – Part 1, Karsten Conrad (Dresden – Germany)
- 16.30 Harmonization of the HEp-2 Cell Assay – Part 2, Martin Blüthner (Karlsruhe – Germany)

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Thursday, 12 th April 2018

**10.00 – 12.00 Session 7 Bioinformatics and Big Data
Applications in Microbiome Analysis**

Chair Georg Hoffmann

- 10.00 Analysis of the Intestinal Microbiome: Measurement, Data Management and Quality Aspects, Andreas Hiergeist (Regensburg – Germany)
- 10.30 Data analysis and biostatistics: an overview of current techniques and challenges, Frank Klawonn (Braunschweig – Germany)
- 11.00 Beyond biomarkers: concept for a better understanding of the microbiome, Thomas Rattei (Wien – Austria)
- 11.30 Biomedical perspectives: From NGS data to diagnostic relevance, Konrad Bode (Heidelberg – Germany)

12.30 – 14.30 Session 8 Accreditation of Medical Laboratories in Europe

Chair Eberhard Wieland

- 12.30 „Risk management as an essential tool for the interpretation and implementation of value-adding ISO-15189 activities“, Florent Vanstapel (Leuven – Belgium)
- 13.10 „Mandatory accreditation of medical laboratories according to the standard ISO 15189: The French experience.“, Michel Vaubourdolle (Paris – France)
- 13.50 „Optional accreditation of medical laboratories in Germany according to the standard ISO 15189. Pros and Cons“, Eberhard Wieland (Stuttgart – Germany)

15.00 – 17.00 Session 9 Preanalytical issues

Chair Alexander von Meyer

- 15.00 Past, present and future of the European Working group PRE; former and future projects“, Ana-Maria Simundic (Zagreb – Croatia)
- 15.40 How do the WG support every person drawing blood in Europe: Guideline „drawing blood“ educational material, Janne Cadamuro (Salzburg – Austria)
- 16.20 Preanalytical cases, Guisepe Lippi (Verona – Italy)

15.00 – 17.00 Session 10 Therapeutic drug monitoring

Chairs Werner Steimer, Jürgen Hallbach

- 15.00 HPLC-MS/MS-based quantification of direct oral anti-coagulants and clinical applications, Martin Wiesen (Köln – Germany)
- 15.40 Toxicological analysis and contribution to diagnosis and patient management in clinical toxicology, Bruno Mégarbane (Paris – France)
- 16.20 Simultaneous LC-MS/MS determination of anti-infective substances – applications in intensive care medicine, Carsten Müller (Köln – Germany)