Julius-Maximilians-
UNIVERSITÄT
WÜRZBURG

Fakultät für Chemie und Pharmazie
PHARMAZIE UND
LEBENSMITTELCHEMIE

qNMR SUMMIT 2018

Wednesday, 10 October

9.00 – 11.00	**qNMR-Workshop (Mnova)** (Dr. Michael Bernstein, Mestrelab Research S.L.)

8.30 – 11.00	**Registration**
11.00	**Welcome Address** Ulrike Holzgrabe (University of Würzburg)
11.15	**"What is ClON NMR and How to Q it"** James Hook (University of New South Wales)
12.15	**Lunch break and poster session**
13.15	**Workshop: Automatic qNMR**
13.15 – 13.45	Rainer Kerssebaum (Bruker BioSpin GmbH)
13.45 – 14.25	Takako Suematsu (JEOL)
	Michael Bernstein (Mestrelab Research S.L.)
14.25 – 14.45	Common discussion
14.45	**Session: Regulatory Affairs**
14.45 – 15.15	**"NMR in a GxP environment"** Christoph Freudenberger (Bruker BioSpin GmbH)
15.15 – 15.45	**"ISO standardization of qNMR"** Takako Suematsu (JEOL)
15.45 – 16.00	**Coffee break**
16.00 – 16.30	**"The use of qNMR for the establishment of Ph. Eur. reference standards"** Matthias Weber (EDQM)
16.30 – 17.00	**"Practical aspects of introducing automated qNMR for product release"** Matthias Abele (Evonik Resource Efficiency GmbH)
17.00 – 17.30	**"qNMR in Diagnostics and Pharma, from Reference Methods to Market registration"** Christian Geletneky (Roche Diagnostics GmbH)
17.30 – 18.00	**"Good weighing practice for accurate qNMR sample preparation"** Klaus Fritsch (Mettler-Toledo GmbH)
18.00 – 18.30	**Panel discussion (all speakers)**
20.00	**Wine tasting at Juliusspital (Juliuspromenade 19, Würzburg)**

SUMMIT 2018

Thursday, 11 October

9.00 – 10.00   **"Updates and Future Vision of qNMR at U.S. Pharmacopeia"**
Yang Liu (United States Pharmacopeial Convention (USP))

10.00   **Short Talks**

10.00 – 10.20   **"qGSD: Validation and Application"**
Torsten Schönberger (BKA)

10.20 – 10.30   **"New automated phase and base line correction routine"**
Christian Fischer (Bruker BioSpin GmbH)

10.30 – 10.50   **"NMR for the Absolute Quantification of Natural Products from Complex Mixtures in Fermentations"**
Marius Grote (Ruhr-University Bochum)

10.50 – 11.10   **"Manganometry by NMR"**
Bernd Diehl (Spectral Service AG)

11.10 – 11.30   **"Quantification of diterpene acids in Copaiba oleoresin by heteronuclear two-dimensional qNMR"**
Serhat Sezai Çiçek (University of Kiel)

11.30   **Coffee break**

12.00   **Session: Low-field NMR in qNMR**

12.00 – 12.15   **"Solid Form Quantification"**
Christoph Freudenberger (Bruker BioSpin GmbH)

12.15 – 12.30   **"Beginners guide to qNMR: Concepts and Evaluation"**
Susanne Riegel (Nanalysis Corp.)

12.30 – 12.45   **"Spinsolve Ultra: Quantification in the presence of protonated solvents"**
Jürgen Kolz (Magritek GmbH)

12.45   **Keynote: Bernd Diehl (Spectral Service AG)**

13.15   **Lunch break and poster session**

14.15 – 16.00   **Open space discussions and summaries (B. Diehl, T. Schönberger, M. Maiwald)**
(topics: comparison study, validation)

approx. 16.00   **Concluding remarks and fare well**