

# Bioactive Peptides and Proteins

Interfakultäres Institut für Biochemie der Universität Tübingen

Hoppe-Seyler-Str. 4, Großer Hörsaal

Tübingen, July 14, 2017

A meeting with contributions from former students of Prof. Wolfgang Voelter

**8.30-9.45**      **Opening Remarks**

**9.45**            **Session 1: New Developments, New Horizons**

Chair: Prof. Dr. Iqbal Choudhary, University of Karachi

**9.45-10.15**    **Prof. Dr. Dr. sc. Christian Betzel, University of Hamburg**

Latest methods in X-ray structure analysis applying  
synchrotron and XFEL radiation

**10.15-10.45**    **Prof. Dr. Raphael Stoll, Ruhr-University Bochum**

Structural and functional studies of medically-relevant  
peptides and proteins by biomolecular NMR

**10.45-11.00**    **Coffee Break**

**11.00-11.30**    **Prof. Dr. Rainer Lehmann, University of Tübingen**

Biomarker studies in body fluids-common pitfalls and  
reasonable prevention studies

**11.30-12.00**    **Prof. Dr. Yousef Al-Abed, Feinstein Inst. Manhasset, NY**

Anti-DNA antibodies as drug target in Systemic Lupus  
Erythematosus

- 12.00-13.00**      **Lunch**
- 13.00**            **Session 2: Structure and Function of Selected  
Peptides and Proteins**
- Chair: Dr. Hubert Kalbacher, University of Tübingen
- 13.00-13.30**      **Prof.Dr.Dr. Ourania Tsitsilonis, University of Athens**
- The emerging role of prothymosin alpha in health and disease
- 14.30-14.00**      **Prof. Dr. Aphrodite Kapurniotu, Techn. Univ. München**
- Designed peptides as inhibitors of amyloid self-assembly in Alzheimer's disease and type 2 diabetes: From self- to cross-recognition
- 14.00-14.30**      **Prof.Dr. Jürgen Bernhagen, LMU München**
- Peptides to interrogate and block GPCR/chemokine interfaces: Mechanisms and therapeutic potentials
- 14.30-15.00**      **Coffee Break**
- 15.00-15.30**      **Prof.Dr. S. Abid Ali, University of Karachi**
- Scorpion venomomics: A pharmacological biodiversity hotspot
- 15.30-16.00**      **Dr. Bushra Amin, University of Pittsburgh**
- Human deaminases and citrullination
- 16.00-16.30**      **Prof.Dr. Pavlina Dolashka, Academy of Sciences, Sofia**
- Successful collaboration for more than 25 years

**16.30-16.45**      **Concluding Remarks**

**19.00**            **Banquet**

**Hotel IBIS, Tübingen, Friedrichstr. 20, special invitation**