

A-v-H Symposium

(4th of May 2018, Building 2505 OCI, Room 056)
on the occasion of the Alexander-von-Humboldt Award given to
Prof. Dr. Varinder Aggarwal

09.45 – 10:00	Opening Remarks: Prof. Markus Kalesse (Director of the Institute of Organic Chemistry) and Prof. Varinder Aggarwal (Bristol University)
10.00 – 11.00	Session I (chair: Prof. Cox) M. Siebke (Kirschning), <i>Studies towards the total synthesis of myxovalargin</i> R. Mykura (Aggarwal), <i>Investigations into the lithiation/borylation reaction by in situ IR monitoring</i> J. Pradeilles (Aggarwal), <i>Helical Hydrocarbons: Synthesis and Control of Screw-Sense</i> G. Jürjens (Plettenburg), <i>Synthesis of GE81112A</i>
11.15 – 12.15	Session II (chair: Prof. Brönstrup) L. Millbrodt (Kalesse), <i>Towards the Total Synthesis of Pentacaronic Acid</i> L. Dewis (Aggarwal), <i>The combination of synthesis, NMR and computation to design conformationally controlled alpha-helix mimetics</i> K. Lebe (Cox), <i>Biosynthesis of squalestatin S1 in fungi</i> J. Wu (Aggarwal), <i>Total synthesis and structure revision of Baulamycin A/B</i>
12.30 – 14.00	Lunch
14.00 – 15.30	Session III (chair: Prof. Butenschön) S. L. Heinisch (Butenschön), <i>Novel Cyclopentadienylnickel Chelates with Secondary Phosphane Tethers</i> S. Zhong (Aggarwal), <i>Structural revision of baulamycins using a combination of computational modelling and NMR spectroscopy</i> L. Pinkert (Brönstrup), <i>Design and synthesis of artificial siderophores as Trojan Horses for the treatment and visualization of bacterial infections</i> G. Casoni (Aggarwal), <i>Building block-based approach for the iterative installation of different functional groups</i> S. Banerjee (Dräger), <i>Generation of in-situ crosslinked hydrogels for cardiac tissue regeneration</i> P. Li (Kirschning), <i>Towards the total synthesis of Xenovulene</i>
15.45 – 16.15	Coffee break
16.15 – 17.45	Session IV (chair: Prof. Plettenburg) L. Schaaf (Plettenburg), <i>Synthesis of Methanobactine derivatives as novel agents against Wilson's disease</i> M. Aursnes (Kalesse), <i>Synthetic Studies towards Meridamycin</i> J. Fordham (Aggarwal), <i>Stereoselective Bidirectional Synthesis of Machillene</i> V. Belt (Cox), <i>Investigating and Engineering the Biosynthesis of Cytochalasans from Filamentous Fungi</i> J. Bateman (Aggarwal), <i>Development of an Iterative Strategy Towards 1,3-poly (Boronic Esters) and its Application Towards the Total Synthesis of Bahamaolide A</i> R. Gathy (Butenschön), <i>Cobalt(III) Catalyzed C,H Activation at Ferrocene: Selective ortho-Monoalkenylation</i> A. Fawcett (Aggarwal), <i>Distal Cross-Coupling enabled by σ-Bond Nucleopalladation</i>
18.00 – 18.10	Closing Remarks: Prof. Andreas Kirschning
18.30	Barbecue