

DAY 1 – 19<sup>th</sup> of September

08:30-09:05	Registration
09:05-09:30	Opening of the symposium - Jean-Robert Tyran, Deputy Rector, Christian Becker, Head of DoSChem
09:30-10:30	Panel B Keynote speaker: Prof. Jeroen Krijgsveld - University of Heidelberg <i>Novel proteomic approaches for cancer biology and the clinic</i>
10:30-11:00	PhD Student Talk Session 1 <ul style="list-style-type: none"> <li>• <u>Gianvito Romano</u> - <i>High-contrast Dopamine-based Irreversible Electrochromic Display</i></li> <li>• <u>Tadija Kekic</u> - <i>Sequence-Dependent Fluorescence for Greenscale Imaging Technology on DNA Microarrays</i></li> </ul>
11:00-11:30	Coffee break
11:30-12:15	PhD Student Talk Session 2 <ul style="list-style-type: none"> <li>• <u>Evelyn Fülöp</u> - <i>Isonitriles as a potential new class of anti-malarial drugs? – Synthesis of natural product-derived isonitriles and binding studies</i></li> <li>• <u>Claudia Iriarte-Mesa</u> - <i>Immobilization of the polyphenol oxidase AbPPO4 on mesoporous silica: towards mimicking key enzymatic processes in peat soils</i></li> <li>• <u>Hélène-Christine Prause</u> - <i>Interaction of A-, B-, and C-type prymnesins with sterols</i></li> </ul>
12:15-12:35	Flash poster presentations <sup>1</sup>
12:35-14:00	Lunch break
14:00-14:45	PhD Student Talk Session 3 <ul style="list-style-type: none"> <li>• <u>Lisa Panzenboeck</u> - <i>LC-HRMS Metabolomics and Lipidomics of Human Meningioma Tissue and Cerebrospinal Fluid</i></li> <li>• <u>Julia Raitanen</u> - <i>Comparison of radiation response between 2D and 3D cell culture models of different human cancer cell lines</i></li> <li>• <u>Manuel Schupp</u> – <i>Immunosuppressive natural products through total synthesis</i></li> </ul>
14:45-15:15	Flash poster presentations <sup>2</sup>
15:15-15:45	Coffee break
15:45-16:30	PhD Student Talk Session 4 <ul style="list-style-type: none"> <li>• <u>Martin Buessler</u>- <i>Water structure at the interface with photocatalytic polymers</i></li> <li>• <u>Fábio A. S. Leite</u> - <i>Printable Polymer Solid Electrolyte for ECD application</i></li> <li>• <u>Moritz Zelenka</u> - <i>Influence of Flow on the MgO-Water Interface</i></li> </ul>
16.30-16:50	Flash poster presentations <sup>3</sup>
16:50-18:30	Poster session
18:30	Dinner

DAY 2 – 20<sup>th</sup> of September

08:45-09:15	Registration
09:15-09:30	Opening day 2 - Introduction to DoSChem and student representative candidates
09:30-10:30	Panel C Keynote speaker: Prof. Jonathan Clayden - University of Bristol <i>Exploiting molecular shape for function and reactivity</i>
10:30-11:00	PhD Student Talk Session 5 <ul style="list-style-type: none"> <li>● <b>Roberto Tinelli</b> - <i>Direct Synthesis of <math>\alpha</math>-Amino Acid Derivatives via Hydrative Amination of Alkynes</i></li> <li>● <b>Ann-Jacqueline Herbst</b> - <i>Peptide-conjugation of silica nanoparticles as a tool for evaporation-induced self-assembly</i></li> </ul>
11:00-11:30	Coffee break
11:30-12:30	Panel A Keynote speaker: Prof. Ferdi Schüth - Max Planck-Institute für Kohlenforschung <i>The transformation of the chemical related industry towards CO<sub>2</sub> neutrality</i>
12:30-13:00	PhD Student Talk Session 6 <ul style="list-style-type: none"> <li>● <b>Gabriel Braun</b> - <i>A human-in-the-loop workflow for single-cell multiplexed image analysis</i></li> <li>● <b>Vincent Porte</b> - <i>Cobalt-mediated oxidation of olefins - a rerouted Mukaiyama hydration reaction</i></li> </ul>
13:00-14:00	Concluding remarks – Awards
15:00-17:00	Drinks, Food and Get together at our Faculty (Backyard Org. Chemistry)

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<sup>1</sup> Anderla Maximilian, Armentia I Matheu Sergio, Bortel Patricia, Brutiu Bogdan Razvan, Che Kateryna, Cvetkovic Olivera, De Luca Cristian, Dinhof Tamara, Encheva Mirela, Epasto Ludovica Martina

<sup>2</sup> Federa Anja, Ferreira Ruben, Filz Verena, Fischer Lukas, Franceschini Marco, Gajsek Oliver, Garstenauer Daniel, Getreuer Paul, Gotsmy Mathias, Gu Yunyun, Guarrochena Aramburu Xabier, Jandl Bernhard, Jost Etta, Karwounopoulos Johannes, Knittl-Frank Christian, Kozak Fanny, Kronberger Julia, Lee Dong Min, Mildau Kevin, Morávková Terézia, Oesterle Ian

<sup>3</sup> Perisic Monika, Pöchhacker Magdalena, Polak Lara Hannah, Pristner Manuel, Ptaszek Aleksandra, Pühringer Marlene, Raabe Konstantin, Rohden Darja Isabelle, Rosner Alexander, Savchenko Viktoriia, Schedl Christina, Scheibelberger Lukas, Schöllner Andreas, Spieß Philipp, Szabadi András, Tialiou Alexia, Toscano Giorgia, Troppmair Nina Nicole, Turhan Ertan, Vogl Dominik Peter, Wenger Alexander, Xiao Yi, Zanetti Davide, Zhang Hao Qi

