

## 15. Tag der Chemie am 10.06.2022: Vortragsprogramm (digital)

Uhrzeit	Zoom-Link (ab 09:45 h) (Host: Henke/Hansmann)	Zoom-Link (ab 10:00 h) (Host: Mutschler/Hansmann)
09:45 – 09:55	<b>Begrüßung durch den Dekan Prof. Dr. Stefan Kast</b>	
Chair	<b>Rasmus Linser</b>	<b>Max Hansmann</b>
10:00 – 10:15	<b>1V</b> <i>A journey through coordination cage self-sorting: from structure to function</i>  <b>Eli Benchimol/AC</b>	<b>2V</b> <i>Biochemical investigation and inhibitor development of the interactions between PRMT5 methyltransferase and its adaptor proteins</i>  <b>Adrian Krzyzanowski/CB</b>
10:15 – 10:30	<b>3V</b> <i>High sampling of cellular morphodynamics and ERK dynamics reveals features of the cellular environment</i>  <b>Manuel Campos-Medina/CB</b>	<b>4V</b> <i>Stable diazoalkenes and their reactivity</i>  <b>Justus Reitz/OC</b>
10:30 – 10:45	<b>5V</b> <i>Dynamics of human p38<math>\alpha</math> MAP kinase studied by NMR</i>  <b>Sara Medina-Gomez/PC</b>	<b>6V</b> <i>Determining target occupancy of covalent inhibitors for protein kinases</i>  <b>Kirujan Jeyakumar/CB</b>
10:45 – 11:15	Pause	
Chair	<b>Sebastian Zühlke</b>	<b>Susanne Brakmann</b>
11:15 - 11:30	<b>7V</b> <i>Highly compressible zeolitic imidazolate frameworks – From discontinuous to continuous pore closure by linker substitution</i>  <b>Jianbo Song/AC</b>	<b>8V</b> <i>Enhanced reactivity of ‘frustrated’ alkyllithium aggregates</i>  <b>Johannes Kleinheider/AC</b>
11:30 – 11:45	<b>9V</b> <i>MO theory at the beginning of studies - supporting first-year students through a digital-collaborative intervention</i>  <b>David Hauck/DC</b>	<b>10V</b> <i>Expression, purification, activity determination and crystallization of photoactive variants of bacteriophage T7-RNA-Polymerase</i>  <b>Daniel Hafki/CB</b>
11:45 – 12:00	<b>11V</b> <i>Structure of a bacterial Rhs effector exported by the type VI secretion system</i>  <b>Patrick Günther/CB</b>	<b>12V</b> <i>Evolved DNA duplex readers for 5-carboxylcytosine-containing CpG dinucleotides</i>  <b>Brinja Kosel/CB</b>
12:00 – 13:30	Pause	

Chair	<b>Andreas Brunschweiler</b>	<b>David van Craen</b>
13:30 – 13:45	<b>13V</b> <i>Modulating coacervate properties via ribozyme activity</i>  <b>Kristian Le Vay/CB</b>	<b>14V</b> <i>A box-shaped L2Zn2 helicate as bench-stable receptor for anion recognition at nano molar concentrations</i>  <b>Malavika Gamgadharan Kalarikkal/AC</b>
13:45 – 14:00	<b>15V</b> <i>Development of a transition metal-free cycloisomerization of propargylic amides in hexafluoroisopropanol</i>  <b>Nicholas Jankowski/OC</b>	<b>16V</b> <i>Localization and decomposition of free energies in solution</i>  <b>Fabian Sendzik/PC</b>
14:00 – 14:15	<b>17V</b> <i>Remodeling of the fibrillation pathway of <math>\alpha</math>-synuclein by interaction with antimicrobial peptide LL-III</i>  <b>Lena Ostermeier/PC</b>	<b>18V</b> <i>Long-term treatment with glupin results in a metabolic switch of NK cells and an enhanced serial-killing capacity</i>  <b>Lea Picard/IfADo</b>
14:15 – 14:30	<b>19V</b> <i>Towards micellar catalysis-promoted DNA-encoded library synthesis</i>  <b>Katharina Götte/CB</b>	<b>20V</b> <i>Structural basis for specific inhibition of the deubiquitinase UCHL1</i>  <b>Christian Grethe/CB</b>

Vortragsdauer 10 min + 3 min Diskussion