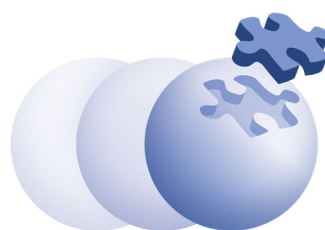
4th CRC1093 Graduate Student Symposium

SUPRAMOLECULAR CHEMISTRY ON PROTEINS

Program (Version 05.10.2021)

06.10.2021 Day 1	
13.00 – 13.45	Arrival , Check in
14.00 – 14.10	Welcome by the CRC1093 Organization Team
Session 1 “Two steps forward – one step back” Talks by selected last year CRC1093 PhD-students Chairs: Abbnä Kirupakaran and Michael Erkelenz	
14.10 – 14.35	Sarah Resch , University of Duisburg-Essen, project A2 <i>“Ahp-Cyclodepsipeptide-based HTRA Inhibitors and Chemical Probes”</i>
14.35 - 15.00	Philipp Rebmann , University of Duisburg-Essen, project A3 <i>“Rational and combinatorial design towards residue-selective molecular tweezers”</i>
15.00 – 15.30	Coffee Break
15.35 – 16.00	Pierre Stegemann , University of Duisburg-Essen, project A6 <i>“Characterization of DegP-DNA-Origami complexes.”</i>
16.00 -16.25	Marius Heimann , University of Duisburg-Essen, project A1/A12 <i>““Development” of a ligand for Survivin with a nanomolar affinity - murphy's law in action”</i>
16.25 – 17.00	Short Break / Time to catch up
Session 2 “Research plans, methods and first results” Short Talks by selected CRC1093 PhD students Chairs: Jan Balszuweit and Paul Stahl	
17.00 – 17.10	Kai Klein , University of Duisburg-Essen, project A5 <i>“Ultrasmall Gold Nanoparticles for Protein Targeting”.</i>
17.10 – 17.20	Julio Vieyto Nunez , University of Duisburg-Essen, project A8 <i>“Computational studies of enzymes and supramolecular ligands”</i>
17.20 - 17.30	Tim Holtum , University of Duisburg-Essen, project A9 <i>“UV resonance Raman spectroscopy of the supramolecular ligands guanidiniocarbonyl pyrrole (GCP) and -indole (GCI)”</i>
17.30 – 17.40	Kevin Rudolph , University of Duisburg-Essen, project A10 <i>“Novel luminophoric calix[n]arenes bearing GCP-motifs”</i>
17.40 – 17.50	Alisa Kayser , University of Duisburg-Essen, project A11 <i>“Calix[n]arenes as scaffolds for the multivalent design of supramolecular ligands”</i>
17.50 – 18.00	Short Break / Time to catch up
18.00 – 18.10	Birte Hagemeyer , University of Duisburg-Essen, project B1 <i>“Implications of HTRA1 in Tauopathies”</i>



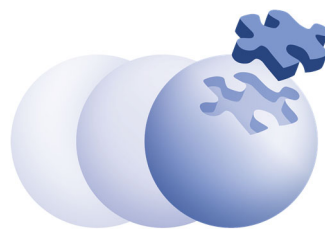
18.10 – 18.20	Alexander Kröning , University of Duisburg-Essen, project B2 <i>“Co-factor dependent unfolding of proteins by the AAA-ATPase VCP/p97”</i>
18.20 – 18.30 <i>Entfällt</i>	Alexander Höing , University of Duisburg-Essen, project B5 <i>“Development of Taspase1 Inhibitors in the CRC1093”</i>
18.30 – 18.40	Marius Hedtfeld , MPI Dortmund, project B6 <i>“Dissecting the spatiotemporal regulation of the chromosomal passenger complex during mitosis”</i>
18.40 – 18.50	Jonas Neblik , University of Duisburg-Essen, project B7 <i>“Development and characterization of multivalent supramolecular ligands targeting the kinetochore-microtubule interface”</i>
18.50 – 19.00	Joel Brenner , University of Duisburg-Essen, project B8 <i>“In vitro reconstitution of the ER-chaperone complex BiP-GRP94 using HT2 as model Substrate”</i>
19.30	Dinner
Evening	Get together

07.10.2021 Day 2 morning**Session 3 Workshop**

09.30 – 12.30	Workshop Research Data Management (Lichthof) Sonja Hendriks, Sarah Ann Danker, Dr. Jessica Stegemann, Dr. Stephanie Rehwald Research Data Services der Universität Duisburg-Essen <i>“Basics of research data management and insights into data management plans and archiving / storage of data”</i>
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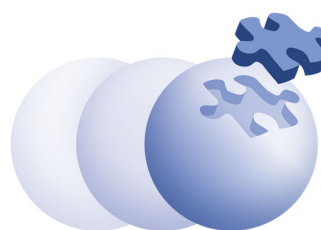
07.10.2021 Day 2 afternoon

14.00 – 14.05	Welcome to the open afternoon sessions by the CRC1093 organization team
Session 4 Invited Lectures; Chairs: Birte Hagemeier and Andreas Jaekel	
14.05 – 14.45	Dr. Simon Pöpsel , University of Cologne <i>“Structural biology approaches to uncover mechanisms of epigenetic regulation”</i>
14.45 – 15.25	Prof. Guido Clever , University of Dortmund <i>“Metallosupramolecular Self-Assembly: Biological Inspiration and Potential for Application”</i>
Session 5 Open Discussion – Career Planning for Young Scientists Chairs: Marius Heimann and Mike Blüggel	
15.30 – 16.30	Discussion with invited guests Dr. Ulla Gerling-Drießen, Prof. Michael Giese, Dr. Simon Pöpsel
16.30 - 17.00	Coffee Break



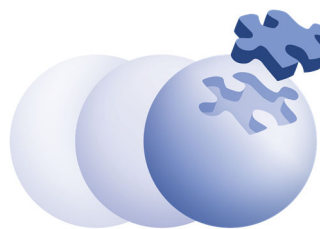
Session 6 Poster session	
17.00 – 20.00	Poster session
17.00 – 18.00	Even numbers
18.00 – 19.00	Odd numbers
19.00 – 20.00	Free choice
20.00	Barbecue and Get together

08.10.2021 Day 3	
Check out until 9 am	
Session 7 Lecture and Workshops	
09.00 – 10.00	Lecture by Barbara Hoffbauer (Lichthof) <i>“Career path after the doctorate”</i>
10.00 - 12.00 and 13.00 - 15.00	Parallel Workshops A) Richtig sichtbar werden im Bewerbungsprozess Barbara Hoffbauer Seminarraum B) Strategic approach to job applications Dr. Gaby Schilling Lichthof
12.00 – 13.00	Lunch Break
15.05	Closing (Lichthof)
15.15	End of Symposium

4th CRC1093 Graduate Student Symposium

POSTER SESSION

Poster No.	Participant	Titel
1	Marius Heimann (A1/10/12)	<i>Modulation of the Histone binding sequence for a new Ligand with nanomolar binding towards Survivin</i>
2	Sarah Resch (A2)	<i>Ahp-Cyclodepsipeptide-based HTRA Inhibitors and Chemical Probes</i>
3	Kathrin Plitzko (A2)	<i>Modulation of the 14-3-3 ChREBP interaction by small molecules</i>
4	Abna Kirupakaran (A3)	<i>Multivalent molecular tweezer as molecular cork for segregase p97</i>
5	Philipp Rebmann (A3)	<i>Rational and combinatorial design towards residue-selective molecular tweezers</i>
6	Kai Klein (A5)	<i>Ultrasmall Gold Nanoparticles for Protein Targeting</i>
7	Andreas Jaekel (A6)	<i>Encapsulating p97 inside a DNA origami - what happens</i>
8	Jing Huang (A6)	<i>Semisynthetic protease DNA nanomachine</i>
9	Julio Vieyto Nunez (A8)	<i>Exploring the inhibition of Spinocerebellar Ataxin-3 Aggregation by Molecular Tweezers</i>
10	Tim Holtum (A9)	<i>UV resonance Raman spectroscopy of the supramolecular ligands guanidiniocarbonyl pyrrole (GCP) and -indole (GCI)</i>
11	Michael Erkelenz (A9)	<i>Dynamic DNA Origami-Based Gold Nanoparticle Dimerization: Design and Assembly of a Hybrid Platform for Nanophotonics</i>
12	Jan Balszuweit (A10)	<i>Merging AIE-Luminophores with GCP - A Novel Approach Towards Luminescent Oxo-Anion Binders</i>
13	Kevin Rudolph (A10)	<i>Mobilizing GCP into luminescent supramolecular assemblies</i>
14	Thorben Neumann (A12)	<i>A modular approach to dynamic and photoresponsive GCP-Ligands for modulation of PPI's</i>
15	Birte Hagemeyer (B1)	<i>Implications of HTRA1 in Tauopathies</i>
16	Alexander Kröning (B2)	<i>Co-factor dependent unfolding of proteins by the AAA-ATPase VCP/p97</i>
17	Alexander Höing (B5)	<i>Development of Taspase1 Inhibitors in the CRC1093</i>
18	Paul Stahl (B5)	<i>Exploring applications for cell permeable anti Survivin VHHs in cancer haben</i>



19	Arianna Esposito Verza (B6)	<i>Structural and functional characterisation of PP2A binding partners at the human centromere during mitosis</i>
20	Marius Hedtfeldt (B6)	<i>A multi-disciplinary approach to dissect the spatiotemporal regulation of the chromosomal passenger complex during mitosis</i>
21	Jonas Neblik (B7)	<i>Development and characterization of multivalent supramolecular ligands targeting the kinetochore-microtubule interface</i>
22	Joel Brenner (B8)	<i>In vitro reconstitution of the ER-chaperone complex BiP-GRP94</i>
23	Simon Walber (B9)	<i>The role of NGLY1 in lysophagie</i>
24	Mike Blüggel (Z3)	<i>The UBX domain in UBXD1 organizes Ubiquitin binding at the C-terminus of the VCP/p97 AAA-ATPase</i>
25	Bianca Kamba (Z3)	