

Program Thursday April 7th 2022

9:00	Welcome & Coffee
9:40	Opening by Pascal Jonkheijm
	Session I - Chair: Leendert van den Bos
9:45	KEYNOTE I: Frank Glorius- Westfälische Wilhelms Universität Münster (Germany) On discovery and sensitivity in (photo)catalysis
10:35	Dennis Wander (LU) A Library of Synthetic Doxorubicin Derivatives for Improved Anticancer Treatment
10:50	Martien Würdemann (VU) The Forgotten Pyrazines: Exploring the Dakin West reaction
11:05	Bianca van Tol (LUMC) Development of neutron-encoded ubiquitin chains to study deubiquitinase activity in presence of all eight ubiquitin linkages
11:20	Sam Moons (RU) Selective <i>N</i> -Deacetylation and functionalization of Aminosugars
11:35	Lunch & ALV (ALV starts at 12.30)
	Session II - Chair: Kim Bongers/Patrick Uiterweerd
13:00	KEYNOTE II: Yimon Aye - Ecole Polytechnique Fédérale de Lausanne (Switzerland) Lighting the way: Function-guided proximity mapping & precision signaling interrogations open up new opportunities
13:50	KEYNOTE III: Luisa De Cola - Università degli Studi di Milano Statale (Italy) Releasing or capturing that is the question. Porous molecular materials
14:40	Floris van Delft (Synaffix) Targeted Cancer Therapy with Best-in-Class Antibody-Drug Conjugates (ADCs) based on Site-Specific Conjugation to Antibody Glycan
14:55	Coffee
	Session III - Chair: Mark Borst
15:25	Peter Cossar (TUE) A reversible covalent cross-linking approach for stapling of the 14-3-3/ERRγ protein complexes
15:40	Tobias Schnitzer (TUE) Supramolecular polymers: a new synthesis strategy for complex molecular systems
15:55	Seino Jonkees (VU) Dehydroalanine as a handle for chemical modification of peptides in mRNA display
16:10	Markus Kwakernaak (TUD) Room temperature synthesis of aliphatic perylene diimides facilitated by amic acid solubility
16:25	KEYNOTE IV (online): Martin D. Burke - University of Illinois at Urbana-Champaign (USA) Imagine a world where everyone can make molecules
17:15	Drinks
18:30	Dinner (registration necessary)

Program Friday April 8th 2022

08:30

Coffee

	Session IV - Chair: Eelco Ruijter
09:00	KEYNOTE V (online): Phil Baran - Scripps Research Institute (USA) Simplifying Synthesis with Electricity
09:50	Georgios Alachouzos (RUG) Computational Design, Synthesis and Photochemistry of Cy7-PPG, an Efficient NIR-activated Photolabile Protecting Group for Therapeutic Applications
10:05	Niels Reintjens (RUG) Protection group-free reductive chlorination and thiolation of glycosides via trityl hydrazones
10:20	Jeya Prathap Kaniraj (RUG) Two in One: Asymmetric Total Synthesis of the Mycobacterial Glycolipids Pentaacyl Trehalose (PATs)
10:35	Massimo Giannerini (Janssen) High-Throughput experimentation enabling rapid process optimization of an RSV drug candidate

10:50

Coffee

	Session V - Chair: Pascal Jonkheijm
11:20	KEYNOTE VI: Alexander Dömling (RUG) Automation + Miniaturization = Acceleration
12:10	KEYNOTE VII: Sabine Flitsch - University of Manchester (UK) Cascading biocatalysis for organic synthesis
13:00	<i>Announcement winner The Backer-KNCV prize 2022 - Adri Minnaard</i>

13:05

Lunch

	Session VI - Chair: Tom Wennekes
14:15	Matthijs ter Harmse (RUG) A catalytically active small organic molecule pH oscillator
14:30	Dennis Löwik (RU) Theranostic PSMA ligands for intraoperative multimodal imaging and photodynamic therapy of prostate cancer
14:45	Ruben Andringa (RUG) Total synthesis of dissectol A
15:00	Yara Huppelschoten (LUMC) Chemical synthesis of a GFP Nanobody
15:15	KEYNOTE VIII (online): Vy M. Dong - University of California Irvine (USA) Choose your own adventure in metal-hydride catalysis

16:05

Closing followed by drinks