

Programme Organic Chemistry National Symposium**5th April 2019; De ReeHorst in Ede**

Organized by the KNCV Division of Organic Chemistry

09.00	Registration and coffee Salon Claire				
09.40 – 09.45	Welcome by the chairman Theatre Cerise				
09.45 – 10.35	Keynote lecture 1 in Theatre Cerise Patricia Dankers (TU Eindhoven) “Synthesis and formulation of supramolecular biomaterials”				
10.35 – 11.00	coffee break				
11.00 – 11.20	Theatre Cerise	Kernhemzalen			
11.20 – 11.40	short lecture 1	short lecture 6			
11.40 – 12.00	short lecture 2	short lecture 7			
12.00 – 12.20	short lecture 3	short lecture 8			
12.20 – 12.40	short lecture 4	short lecture 9			
	short lecture 5	short lecture 10			
12:40 – 14.00	lunch break Salon Claire*				
13.30 – 13.50	Algemene Leden Vergadering KNCV Sectie Organische Chemie				
14.00 – 14.40	Keynote lecture 2 in Theatre Cerise Floris van Delft (Synaffix BV) “From lab to clinic with metal-free click”				
14.40 – 15.00	Theatre Cerise	Kernhemzalen			
15.00 – 15.20	short lecture 11	short lecture 14			
15.20 – 15.40	short lecture 12	short lecture 15			
	short lecture 13	short lecture 16			
15.40 – 16.00	tea break Salon Claire				
16.00 – 16.50	Keynote lecture 3 in Theatre Cerise Rienk Eelkema (TU Delft) “Using chemical reactions inside soft materials to control their behaviour”				
16.50	Drinks Salon Claire				

* lunch costs are included in registration fee

SHORT LECTURES 1-5 (Theatre Cerise):

- 11.00 N. Marinus, M.D. Witte, A.J. Minnaard (Groningen University)
“Regioselective Oxidation of Unprotected Carbohydrates and their Further Functionalization”
- 11.20 A.R. Kuzmyn, A.T. Nguyen, H. Zuilhof, J. Baggerman (Wageningen University)
“Micro-patterned hierarchical bioactive Polymer Brushes by visible light-induced surface-initiated LRP”
- 11.40 S.R. Marsden, L. Mestrom, I. Bento, P.-L. Hagedoorn, D.G.G. McMillan, U. Hanefeld (TUD)
“CH- π interactions facilitate the synthesis of C3-modified sialic acids”
- 12.00 M. Faltracco, E. Ruijter (VU Amsterdam)
“Stereoselective synthesis of diketopiperazine via UGI-Tsuji-Trost sequence”
- 12.20 E. Baeten, G. van Strydonck (Zuyd University of Applied Sciences)
“Flow chemistry as efficient tool in polymer synthesis”

SHORT LECTURES 6-10 (Kernhemzalen):

- 11.00 J. Braun, M.J. van Lint, P. Martin-Acosta, S. Pompei, E. Ruijter, R.V.A. Orru (VU Amsterdam)
“The Chemoenzymatic Approach Toward The Total Synthesis of (+)-Bullatacin”
- 11.20 E. Peterse, H.S. Overkleef, G.A. van der Marel, J.D.C. Codée, D.V. Filippov (Leiden University)
“Novel side-chain anchoring method in the synthesis of cyclic peptides”
- 11.40 W. Doelman, M. Marqvossen, F. Chiodo, Y. van Kooyk, S. van Kasteren, C. Araman (Leiden University)
“Synthesis of MOG₃₁₋₅₅ peptides containing a DC-SIGN binding Lewis X modified asparagine residue as a N-glycan mimic”
- 12.00 E. Rossing, T. Boltje (Radboud University)
“Metabolic engineering of sialic acids to visualize host-pathogen interactions and inhibit bacterial and viral infections”
- 11.20 D.E. Streefkerk, M. Schmidt, J.H. Ippel, T.M. Hackeng, T. Nuijens, P. Timmerman, J.H. van Maarseveen (University of Amsterdam)
“Synthesis of Constrained Tetracyclic Peptides by Consecutive CEPS, CLIPS and Oxime Ligation”

SHORT LECTURES 11-13 (Theatre Cerise):

- 14.40 L. Mestrom, H. van der Eijk, S. Marsden, P.-L. Hagedoorn, U. Hanefeld (TUD)
“Switch of Anomeric Selectivity for Trehalose Transferase”
- 15.00 F. Holtrop, A.R. Jupp, A.W. Ehlers, J.C. Slootweg (University of Amsterdam)
“Photochemical generation of highly reactive frustrated radicals pairs”
- 15.20 N. Tahiri, P. Fodran, D. Jayaraman, J. Buter, T. A. Ocampo, I. van Rhijn, D. B. Moody, M. D. Witte, A. J. Minnaard (Groningen University)
“Asymmetric total synthesis of Mycolic Acids from *Mycobacterium tuberculosis* for structure elucidation”

SHORT LECTURES 14-16 (Kernhemzalen):

- 14.40 V. Mishra, A. Minnaard (Groningen University)
“Synthesis of an immunogenic glycolipid from *Salmonella typhi*”
- 15.00 V. Bloemendaal, F.J.P.T. Rutjes (Radboud University)
“Chemoenzymatic Synthesis of Sialic Acid Derivatives Using Immobilized N-Acetylneuraminate Lyase in a Continuous Flow Reactor”
- 15.20 L. Wang, H.S. Overkleeft, G.A. van der Marel, J.D.C. Codée (Leiden University)
“Reagent controlled stereoselective synthesis of 1,2-cis-glucosides”