

PROGRAM			
Nov 6, Friday	Nov 7, Saturday	Nov 08, Sunday	
	9:00-9:25	PL-5 Tvaroska	9:00-9:30
	9:25-9:50	PL-6 Ellervik	
	9:50-10:15	PL-7 Gervay-Hague	10:00-12:00
	10:15-10:40	PL-8 Lindhorst	
	10:40-11:30	Break	
	11:30-11:55	Guided tour at the main campus of the University of Debrecen	
	11:55-12:20	PL-9 Rauter	
	12:20-12:45	PL-10 Lopez	
	12:45-13:00	PL-11 van der Marel	
	13:00- 14:00	OL-3 Herczeg	
	14:00-14:25	Lunch	
15:00-16:00	Registration	PL-12 Jayaraman	
	14:25-14:50	PL-13 Thiem	
16:00-16:15	Opening ceremony	OL-4 Fenyvesi	
16:15-16:35	Lipták memorial lecture M-1 Borbás	OL-5 McCabe	
	Lipták memorial lecture M-2 Lichtenthaler	OL-6 Benkovics	
16:35-16:55		Poster session	
16:55-17:20	PL-1 Szente	OL-7 Malanga	
17:20-17:45	PL-2 Kamerling	OL-8 Nagy	
17:45-18:10	Break	OL-9 Hayes	
18:10-18:35	PL-3 Oscarson	OL-10 Tuza	
18:35-19:00	PL-4 Kosma	OL-11 Lázár	
19:00-19:15	OL-1 Batta	OL-12 Jicsinszky	
19:15-19:30	OL-2 Bokor	Closing of the conference	
19:30-21:30	Welcome reception	Conference dinner	
	<p><b>The Lipták family offered an award to the best poster presented by a student participant of the conference.</b>  <b>The poster prize will be handed over at the conference dinner.</b></p>		

# PROGRAM

**FRIDAY, NOVEMBER 6, 2015**

**LIFE SCIENCE BUILDING  
LECTURE HALL F 008-009**

**15:00-16:00 REGISTRATION**

**16:00-16:15 OPENING CEREMONY**

WELCOME ADDRESSES

**LÁSZLÓ SOMSÁK**, CHAIR OF DEBCARB 2015

**SÁNDOR KÉKI**, VICE DEAN OF THE FACULTY OF SCIENCE AND  
TECHNOLOGY

**FERENC JOÓ**, CHAIR OF THE CHEMISTRY SECTION, HUNGARIAN  
ACADEMY OF SCIENCES

**SESSION 1. CHAIRMAN: LÁSZLÓ SOMSÁK**

**16:15-16:35 M-1**

**ANIKÓ BORBÁS**: ANDRÁS LIPTÁK: A SCHOLAR AND A CIVIS DEBRECENIENSIS  
*Department of Pharmaceutical Chemistry, University of Debrecen, Debrecen, Hungary*

**16:35-16:55 M-2**

**FRIEDER W. LICHTENTHALER**: IN MEMORIAM ANDRÁS LIPTÁK  
(VIDEOMESSAGE)

*Clemens-Schöpf-Institut für Organische Chemie, Technische Universität Darmstadt,  
Germany*

**16:55-17:20 PL-1**

**LAJOS SZENTE**: ANDRÁS LIPTÁK AND THE CYCLODEXTRINS: (FROM A  
PERSPECTIVE OF AN EYEWITNESS)

*CycloLab Cyclodextrin R&D Laboratory, Ltd, Budapest, Hungary*

**17:20-17:45 PL-2**

**JOHANNIS P. KAMERLING:** GENERATION OF NOVEL GLUCO-PRODUCTS USING MICROBIAL TRANS-GLUCOSYLATING ENZYMES

*Groningen Biomolecular Sciences and Biotechnology Institute, University of Groningen, Groningen, The Netherlands*

*Bijvoet Center for Biomolecular Research, Utrecht University, Utrecht, The Netherlands*

**17:45-18:10 BREAK**

**SESSION 2. CHAIRMAN: JOHANNES F. G. Vliegenthart**

**18:10-18:35 PL-3**

**STEFAN OSCARSON:** THIOGLYCOSIDES AS GLYCOSYL DONORS IN OLIGOSACCHARIDE SYNTHESIS

*Centre for Synthesis and Chemical Biology, University College Dublin, Ireland*

**18:35-19:00 PL-4**

**PAUL KOSMA:** NEW APPROACHES TOWARDS KDO-OLIGOMERS

*University of Natural Resources and Life Sciences, Vienna, Austria*

**19:00-19:15 OL-1**

**GYULA BATTÁ:** NMR METHODS FOR DE-NOVO STRUCTURE DETERMINATION OF OLIGOSACCHARIDES (THOSE GOOD OLD DAYS WITH ANDRÁS)

*Department of Organic Chemistry, University of Debrecen, Debrecen, Hungary*

**19:15-19:30 OL-2**

**ÉVA BOKOR:** C- $\beta$ -D-GLYCOPYRANOSYL IMIDAZOLES AS NEW NANOMOLAR INHIBITORS OF GLYCOGEN PHOSPHORYLASE

*Department of Organic Chemistry, University of Debrecen, Debrecen, Hungary*

**19:30-21:30 WELCOME RECEPTION**

(FOYER, LIFE SCIENCE BUILDING)

**SATURDAY, NOVEMBER 7, 2015**

**LIFE SCIENCE BUILDING  
LECTURE HALL F 003-004**

**SESSION 3. CHAIRMAN: JOACHIM THIEM**

**9:00-9:25 PL-5**

**IGOR TVAROŠKA: SWEET/BITTER SECRETS OF GLYCOSYLTRANSFERASES**

*Institute of Chemistry, Slovak Academy of Sciences, Bratislava, Slovakia*

**9:25-9:50 PL-6**

**ULF ELLERVIK: CARBOHYDRATES AS FUTURE DRUGS - DESIGN OF ATYPICAL PHARMACEUTICALS**

*Center for Analysis and Synthesis, Center for Chemistry and Chemical Engineering, Lund University, Lund, Sweden*

**9:50-10:15 PL-7**

**JACQUELYN GERVAY-HAGUE: SYNTHESIS AND BIOLOGICAL ACTIVITY OF GLYCOLIPIDS**

*Department of Chemistry, University of California at Davis, USA*

**10:15-10:40 PL-8**

**THISBE K. LINDHORST: CONTROLLING CARBOHYDRATE-SPECIFIC BACTERIAL ADHESION**

*Christiana Albertina University of Kiel, Kiel, Germany*

**10:40-11:30 GUIDED TOUR AT THE MAIN CAMPUS OF THE UNIVERSITY OF DEBRECEN**

**SESSION 4. CHAIRMAN: IGOR TVAROŠKA**

**11:30-11:55 PL-9**

**AMÉLIA P. RAUTER: ANTIBIOTIC GLYCOSIDES WITH A NEW MECHANISM OF ACTION - THE ROLE OF THE GLYCONE STRUCTURE**

*Universidade de Lisboa, Lisbon, Portugal*

**11:55-12:20 PL-10**

**JOSÉ CRISTÓBAL LÓPEZ:** 1,2-ORTHOESTERS IN REGIOSELECTIVE GLYCOSYLATION STRATEGIES

*Instituto de Química Orgánica General, CSIC, Madrid, Spain*

**12:20-12:45 PL-11**

**GIJSBERT A. VAN DER MAREL:** A TALE OF PHOSPHATES AND SUGAR: SYNTHESIS OF FRAGMENTS OF BIOPOLYMERS

*Leiden University, Leiden Institute of Chemistry, Leiden, The Netherlands*

**12:45-13:00 OL-3**

**MIHÁLY HERCZEG:** SYNTHESIS AND ANTICOAGULANT ACTIVITY OF 6-SULFONIC-ACID-CONTAINING ANALOGUES OF IDRAPARINUX

*Department of Pharmaceutical Chemistry, University of Debrecen, Debrecen, Hungary*

**13:00- 14:00 LUNCH**

(RESTAURANT NAGYERDEI – UNIVERSITY CANTEEN)

**SESSION 5. CHAIRMAN: JOSÉ CRISTÓBAL LÓPEZ**

**14:00-14:25 PL-12**

**NARAYANASWAMY JAYARAMAN:** ENDO- AND EXO-CYCLIC RING EXPANSIONS OF PYRANOSIDES AND PYRANOSIDE MACROCYCLES

*Department of Organic Chemistry, Indian Institute of Science  
Bangalore, India*

**14:25-14:50 PL-13**

**JOACHIM THIEM:** EFFICIENT ROUTES TOWARDS INDOXYL GLYCOSIDES AND APPLICATIONS

*Department of Chemistry, Faculty of Science, University of Hamburg,  
Hamburg, Germany*

**14:50-15:05 OL-4**

**ÉVA FENYVESI:** CYCLODEXTRIN POLYMERS CROSSLINKED BY EPICHLOROHYDRIN FOR VARIOUS APPLICATIONS

*CycloLab Cyclodextrin R&D Laboratory, Ltd, Budapest, Hungary*

**15:05-15:20 OL-5**

**ORLA McCABE:** SYNTHESIS OF THE PELLICLE REPEATING UNITS OF *LACTOCOCCUS LACTIS* STRAINS FOR INVESTIGATION OF LACTOCOCCAL PHAGE INFECTION

*Centre for Molecular Innovation and Drug Discovery, School of Chemistry, University College Dublin, Belfield, Dublin, Ireland*

**15:20-15:35 OL-6**

**GÁBOR BENKOVICS:** FLUORESCENT CYCLODEXTRINS AS PHOTO-ACTIVABLE NANOPLATFORMS

*CycloLab Cyclodextrin R&D Laboratory, Ltd, Budapest, Hungary*

15:35 -16:30 POSTER SESSION

SESSION 6. CHAIRMAN: JEAN-PIERRE PRALY

**16:30-16:45 OL-7**

**MILO MALANGA:** SYNTHESIS AND CHARACTERIZATION OF CATIONIC CYCLODEXTRINS AND THEIR USE AS SKIN PENETRATION ENHANCER

*CycloLab Cyclodextrin R&D Laboratory, Ltd, Budapest, Hungary*

**16:45-17:00 OL-8**

**ADRIENN NAGY:** NOVEL PEPTIDOGLYCANS SYNTHESIZED FROM FURANOID SUGAR AMINO ACIDS. INTERPRETATION OF THE UNEXPECTED STABILITY OF PHOSPHINIMINO-FURANOSES

*ELTE, Institute of Chemistry, Laboratory of Structural Chemistry and Biology, Budapest, Hungary*

**17:00-17:15 OL-9**

**JOSEPH M. HAYES:** IN SILICO GUIDED DISCOVERY OF NOVEL  $\beta$ -D-GLUCOPYRANOSE DERIVATIVES AS POTENT INHIBITORS OF GLYCOGEN PHOSPHORYLASE

*School of Physical Sciences & Computing, Division of Chemistry, University of Central Lancashire, Preston, U.K.*

**17:15-17:30 OL-10**

**KATA TUZA: MODIFIED CYCLIC AND ACYCLIC DEXTRINS: SYNTHESIS AND COMPARISON OF THEIR COMPLEXATION ABILITY**

*CycloLab Cyclodextrin R&D Laboratory, Ltd, Budapest, Hungary*

**17:30-17:45 OL-11**

**LÁSZLÓ LÁZÁR: SYNTHESIS OF CARBON-SULFUR-BRIDGED GLYCOMIMETICS BY THIOL-ENE COUPLING REACTIONS**

*Department of Organic Chemistry, University of Debrecen, Debrecen, Hungary*

**17:45-18:00 OL-12**

**LÁSZLÓ JICSINSZKY: CYCLODEXTRINS IN NON-AQUEOUS COMPLEXATION PROCESSES**

*Dipartimento di Scienza e Tecnologia del Farmaco, Università di Torino, Turin, Italy*

## CLOSING OF THE CONFERENCE

**19:00-21:00 CONFERENCE DINNER**

(3<sup>rd</sup> FLOOR, MAIN BUILDING OF THE UNIVERSITY)

## SUNDAY, NOVEMBER 8, 2015

**9:00-9:30** COMMEMORATION TO ANDRÁS LIPTÁK (LAYING A WREATH AT HIS TOMB IN THE MUNICIPAL CEMETERY)

**10:00-12:00** GUIDED TOUR IN DEBRECEN'S DOWNTOWN (OPTIONAL)