

TUESDAY MORNING, April 9, 2013, New Orleans Downtown Marriott at the Convention Center, Blaine Kern C Room

60+ Years of *Advances in Carbohydrate Chemistry and Biochemistry*:

Symposium in Honor of Professor Derek Horton

T. Lowary (U. Alberta, Edmonton), *Organizer, Presiding*

8:25 Introductory Remarks.

8:30 40. Glycodendrimers toward breast cancer diagnostics and vaccines. Rene Roy (U. Montreal)

9:05 41. New tactics and strategies in oligosaccharide assembly. Xinyu Liu (U. Pittsburgh)

9:40 42. Automated oligosaccharide synthesis and the challenge of efficient building block syntheses. Nicola L. Pohl (Iowa State U)

10:15 Intermission.

10:45 43. Molecular recognition of carbohydrates: A 3D view by using NMR. Jesus Jiménez-Barbero (Madrid, Spain)

11:20 44. Synthesis of glycoconjugate vaccines designed for targeted delivery to dendritic cells. David R. Bundle (U Alberta, Edmonton, Canada)

TUESDAY AFTERNOON

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1:30 50. Glyconanoparticles as multifunctional and multimodal carbohydrate systems. Soledad Penadés (San Sebastian, Spain)

2:05 51. Thioglycosides as glycosyl donors in oligosaccharide synthesis. Stefan Oscarson (Trinity College, Dublin, Ireland)

2:40 52. De novo asymmetric synthesis of oligosaccharides. George A. O'Doherty (Northeastern U)

3:15 Intermission.

3:35 53. New strategies for expeditious oligosaccharide synthesis. Alexei V. Demchenko (U Missouri)

4:10 54. Oligosaccharide synthesis: Mechanisms and mimetics. David Crich (Gif-sur-Yvette, France)

4:45 Concluding Remarks.