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Tentative Program

3rd Glycobiology World Congress

June 26-28, 2017 London, UK

Theme: "Glycobiology: Simple Construction of Sweet Glycoprobes"



For Available Speaker Slots

glycobiology@conferenceseries.net

19+ Interactive Sessions

15+ Keynote Lectures

75+ Plenary Lectures

5+ Workshops

Conference Secretariat

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http://glycobiology.conferenceseries.com/

Major Scientific Sessions

- Glycobiology
- Genomics
- Mass Spectrometry
- Glycans in Drug Design
- Glyco Proteomics
- Glyco Bioinformatics
- Glyco Immunology
- Glyco Biomarkers
- Glycoprotein Technologies
- Glycomics and Metabolomics
- Glycobiology and Biotechnology
- Glycans in Diseases and Therapeutics
- Glycobiology and Structural Biology
- Glycans in Genetic Disorders
- Glycobiology in Personalized Medicine



A Few Featured Speakers

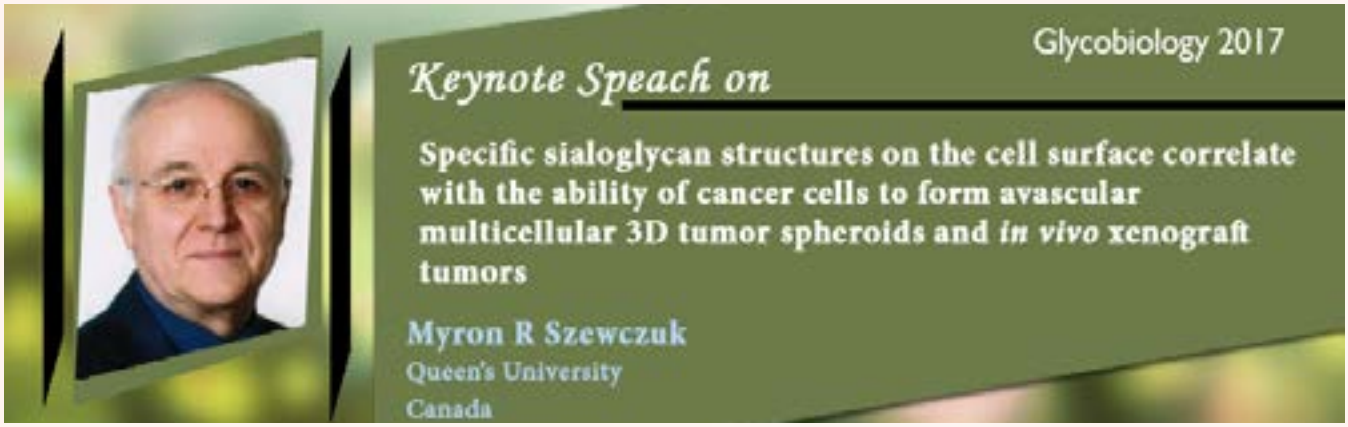


Conference Highlights

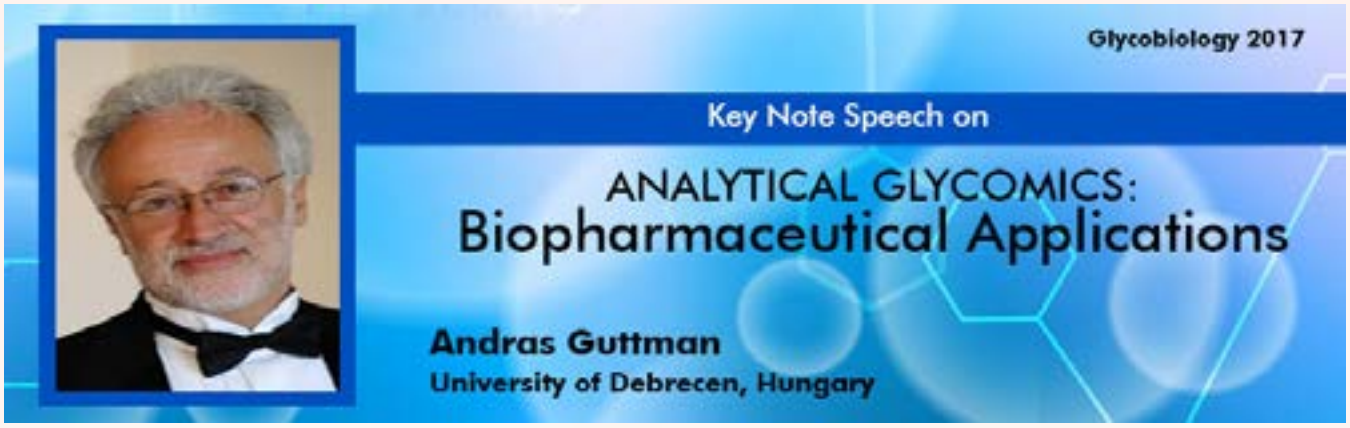




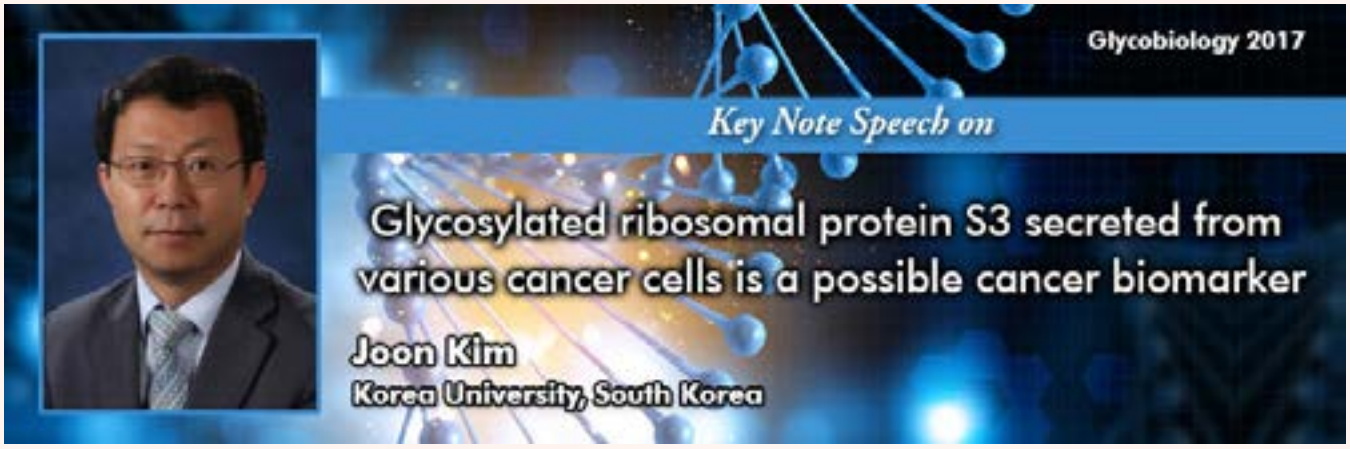


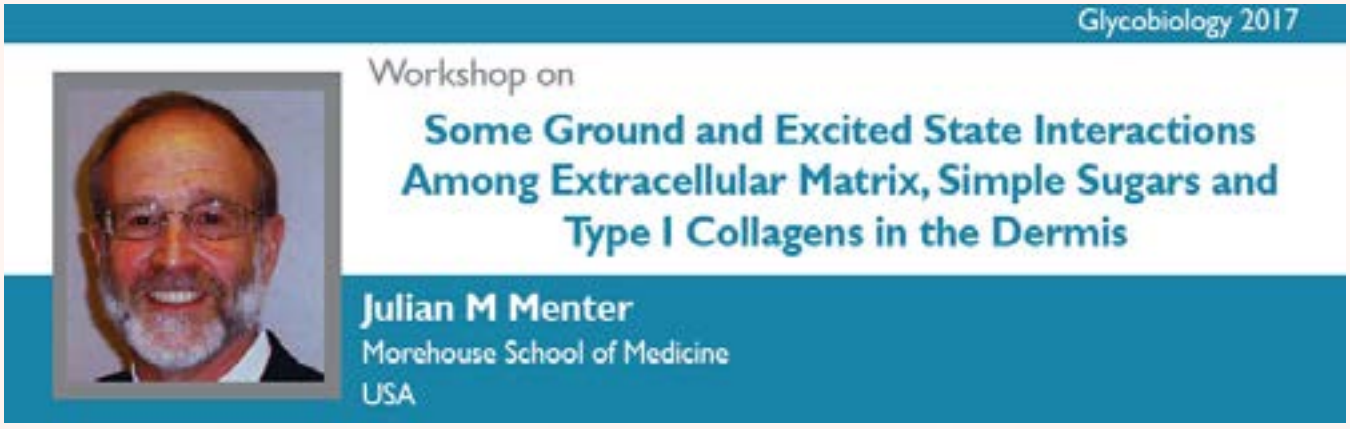


Conference Highlights









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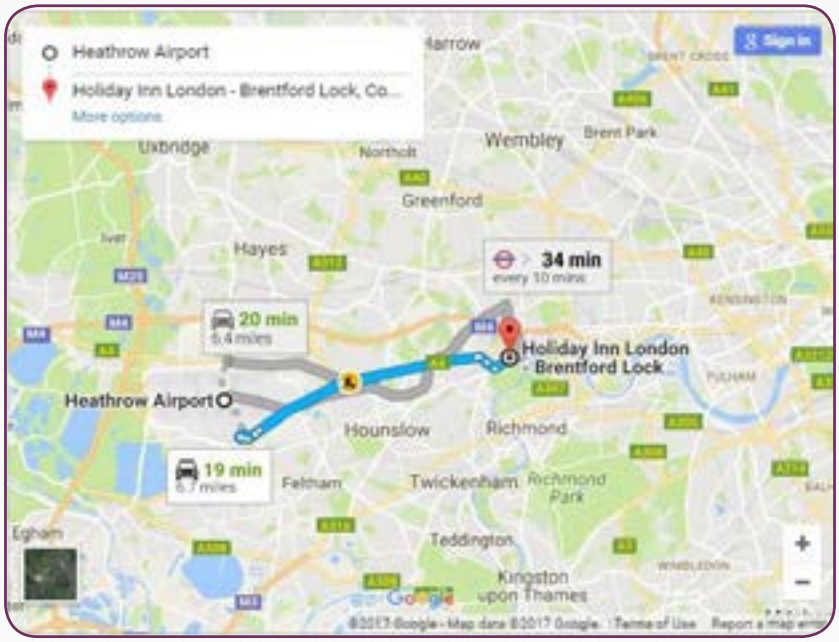
Day 1 Opening Ceremony
Keynote Session
Title: The Interaction between dermal Type I collagen and hyaluran (HA) in phosphate buffered solution, pH = 7.4. Networking and Refreshment Break 11:05-11:20 @ Foyer
Julian M Menter, Morehouse School of Medicine, USA
Title: Specific sialoglycan structures on the cell surface correlate with the ability of cancer cells to form avascular multicellular 3D tumor spheroids and *in vivo* xenograft tumors
Myron R Szewczuk, Queen's University, Canada
2 keynote slots available
Networking & Refreshment Break
Speaker Sessions
Title: Molecular lipid raft composition of primary human brain and kidney endothelial cells emphasizing Shiga toxin glycosphingolipid receptors
Nadine Legros, University of Münster, Germany
Title: Applications of Nanosensors to Glycoprofiling
Michael S Strano, Massachusetts Institute of Technology, USA
Title: Exploiting polyphenols for Alzheimer's disease prevention: From nature to the lab
Amelia P Rauter, Universidade de Lisboa, Portugal
Title: Glycosylation effects the bioavailability of sapanins in herbal extracts
Joanne Blanchfield, The University of Queensland, Australia
Title: Synthesis and biological activity of CD1d dependent glycolipid-peptide vaccines
Gavin Painter, University of Otago, New Zealand
Lunch Break
Targeting cancer cell metabolism using sugar-based molecules
Fdelis Ndombera, Wayne State University, USA
Study of physiological structure of PMM1 protein and biological mechanism of IMP substrate binding
Chuyue Xiao, Boston College, USA
Title: Steryl glycosides: The emerging bioactive glycolipids of olive oil
Raquel Gomez-Coca, Instituto de la Grasa, Spain
Title: Defects in GlcNAc-1-phosphotransferase cause bone loss, dental abnormalities and B cell functions
Thomas Braulke, University Medical Center Hamburg-Eppendorf, Germany
Workshop on some ground and excited state interactions among extracellular matrix, simple sugars and type I collagens in the dermis
Julian M Menter, Morehouse School of Medicine, USA
Networking & Refreshment Break
6 speaker slots available
Day 2
Keynote Session
Title: Analytical glycomics: Biopharmaceutical applications
Andras Guttman, University of Debrecen, Hungary
Title: Combination of high resolution HILIC-UPLC-FLD-ESI-QTOF MS/MS with automated data processing for structure determination and quantification of proteins with complex glycan patterns
Sven Bahrke, Glycotope GmbH, Germany
3 keynote slots available

Networking & Refreshment Break
Speaker Sessions
Title: N- and O-glycosylation are essential for *Ustilago maydis* virulence
Jose Ignacio Ibeas, Universidad Pablo de Olavide, Sevilla Spain
Title: Surface active glycosides: Synthesis and toxicity studies
Jorge Justino, Instituto Politécnico de Santarém, Portugal
Title: Exploring the synthesis and the biological potential of new structurally diversified N-glycosyl compounds as nucleoside analogs or mimetics of glycosyl phosphates and nucleotides
Nuno Manuel Xavier, Universidade de Lisboa, Portugal
Title: Investigating the surface glycosylation of CHO cells using a combination of novel lectins, fluorescence microscopy and flow cytometry
Jonathan Cawley, Dublin City University, Ireland
Title: Novel 3D graphene nanobiohybrid thin film in glucose sensing
Samira Bagheri, University of Malaya, Malaysia
Lunch Break
Title: Integration of nanotechnology into glycomics: Construction and application of glycan and lectin biosensors
Jan Tkac, Slovak Academy of Sciences, Slovakia
Title: Elucidation of the functional roles of glycans in cancer development
Ying Xu, University of Georgia, USA
Title: Alcohol abuse and protein glycosylation with special emphasis on apolipoprotein
Raj Lakshman, The George Washington University, USA
Networking & Refreshment Break
7 speaker slots available
Poster Presentations & Young Research Forum
Day 3
Keynote Session
Title: Glycosylated ribosomal protein S3, secreted from various cancer cells, is a possible cancer biomarker
Joon Kim, Korea University, South Korea
Speaker Sessions
Title: Bacterial ribosome selective aminoglycosides
Dev P Arya, Clemson University, USA
Title: Proteoglycans and human mesenchymal and neural stem cells – can we control lineage fate?
Larisa M Haupt, Genomics Research Centre, Australia
Networking & Refreshment Break
Title: Molecular lipid raft composition of primary human brain and kidney endothelial cells emphasizing Shiga toxin glycosphingolipid receptors
Nadine Legros, University of Münster, Germany
Title: The glycosaminoglycan chain of decorin plays an important role in AMPK signaling
Zhao Ting Ting, China-Japan Friendship Hospital, P R China
Title: Effect of edible fungal polysaccharides on improving influenza vaccine protection in mice
Minghua Hu, Infinitus (China) Company Ltd., China
Speaker slots avaliable
Website: http://glycobiology.conferenceseries.com/

Venue & Accommodation

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Commerce Rd, London TW8 8GA, UK





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