Tentative Program
Day 1 Opening Ceremony
Keynote Session
Title: The Interaction between dermal Type I collagen and hyaluran (HA) in phosphate buffered solution, pH = 7.4.
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
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: Heparan sulfate of the glycosaminoglycanic matrix as key regulators of stem cells properties
Patricia Albanese, Paris Est University, France
Workshop on some ground and excited state interactions among extracellular matrix, simple
Julian M Menter, Morehouse School of Medicine, USA
Title: Microarray applications in glycobiology
Marc Botcherby, Eggsonchips Limited, UK
Title: Blocking of Axl receptor for prevention of Zika virus entry into neuroepithelial cells could be
Edita Sarukhanyan, University of Würzburg, Germany
Title: Thermal and chemical denaturation of Colocasia esculenta tuber agglutinin from α2β2 to
Rajagopal Chattopadhyaya, Bose Institute, India
Networking & Refreshment Break
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
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: Immunosuppression in tumors. Galectins cover human tumor-infiltrating lymphocytes and block their functions
Pierre van der Bruggen, Université catholique de Louvain, Belgium
Title: The Role of O-GlcNAcylation on Colorectal cancer EMT and tumorigenicity
Isam Khalaila, Ben Gurion University, Israel
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
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
Title: Glycoprofiling of seminal plasma: Hopes and drawbacks for male infertility testing
Mirosława Ferens-Sieczkowska, Medical University of Wrocław, Poland
Title: Structural characterization and biological implications of sulfated N-glycans in a serine
Gleysin Cabrera, Center for Genetic Engineering and Biotechnology, Cuba
Networking & Refreshment Break
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: N-Glycan analysis on monoclonal antibodies using MALDI-Q-IT-TOF
Gulce Ozmen, Ege University, Turkey
Title: Enzymatic synthesis of steryl glycosides and their anticancer therapeutic applications
Tung Kung Wu, National Chiao Tung University, Republic of China
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
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Note: Tentative Program has been designed with the projected speakers names and titles, dates and timings in this program are subject to change

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