

1. Record Nr.	UNINA9910298280703321
Titolo	Biochemical Roles of Eukaryotic Cell Surface Macromolecules // edited by Abhijit Chakrabarti, Avadhesh Surolia
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-11280-5
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (407 p.)
Collana	Advances in Experimental Medicine and Biology, , 2214-8019 ; ; 842
Disciplina	574.87
Soggetti	Chemistry, Organic Biological transport Cell membranes Organic Chemistry Membrane Trafficking
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Human-Specific Evolutionary Changes in the Biology of Siglecs -- Structural Changes of GPI Anchor After Its Attachment to Proteins : Functional Significance -- Novel Insights In Membrane Biology Utilizing Fluorescence Recovery After Photobleaching -- Defects in Erythrocyte Membrane Skeletal Architecture -- Membrane Rafts in the Erythrocyte Membrane: A Novel Role of MPP1p55 -- Immuno-Modulatory Role of Porins: Host Immune Responses, Signalling Mechanisms and Vaccine Potential -- Vibrio cholerae Cytolysin: Structure-Function Mechanism of an Atypical -barrel Pore-Forming Toxin -- New vis-tas in Lactosylceramide Research -- Plasma Membrane-Associated Sialidase Confers Cancer Initiation, Promotion and Progression -- A Signal with a Difference: The Role of GPI Anchor Signal Sequence in Dictating Conformation and Function of the Als5 Adhesin in Candida albicans -- Novel Chondroitin Sulfate Oligosaccharide Motifs as Biomarkers: Insights Into Their Involvement in Brain Development -- Role of Hyaluronidases in the Catabolism of Chondroitin Sulfate -- Pattern Recognition in Legume Lectins to Extrapolate Amino Acid Variability to Sugar Specificity -- Conformational Dynamics of Oligosaccharides Characterized by Paramagnetism-Assisted NMR Spectroscopy in

Conjunction with Molecular Dynamics Simulation -- Characterization of Cholesterol Crystalline Domains in Model and Biological Membranes Using X-Ray Diffraction -- Role of Lipid-Mediated Effects in 2-Adrenergic Receptor Dimerization -- Effect of Temperature on the Phase Behaviour of Fully Saturated DAPC Lipid Bilayer: A Comparative Molecular Dynamics Simulation Study -- Biophysical Characterization of the Interaction of O-acylcholines with the Major Bovine Seminal Plasma Protein, PDC-109 -- Crystal Structure of Apo and Ligand Bound *Vibrio cholerae* Ribokinase (Vc-RK): Role of Monovalent Cation Induced Activation and Structural Flexibility in Sugar Phosphorylation -- Synthetic Glycolipids and (p)ppGpp Analogs: Development of Inhibitors for Mycobacterial Growth, Biofilm and Stringent Response -- Regulations of Glycolipid : Glycosyltransferase (GSL: GLTs) Genes Involved in SA-LeX and Related GSLs Biosynthesis in Carcinoma Cells by Biosimilar Apoptotic Agents : Potential Anticancer Drugs -- N-acetylglucosaminyl 1-phosphate Transferase: An Excellent Target for Developing New Generation Breast Cancer Therapeutic -- Involvement of Vascular Endothelial Growth Factor in Serotonin 1A Receptor-Mediated Neuroproliferation in Neonatal Mouse Hippocampus -- Structural Heterogeneity of Glycoform of Alpha-1 Acid Glycoprotein in Alcoholic Cirrhosis Patients.

Sommario/riassunto

Consists of critical reviews and original research papers from the 2014 International Symposium on the "Biochemical Role of Eukaryotic Cell Surface Macromolecules". Topics covered include: · neurochemical and biochemical analysis of cell surface glycoconjugates · membrane skeletal organization · GPCRs and other receptors · biophysical approaches to study membrane interactions · glycoconjugate metabolism · dysregulation · molecular mechanisms involved in cell-cell and cell-matrix interaction · glycans in infectious and neurological diseases · cancer and glycosyltransferases as drug targets.

2. Record Nr.	UNINA9910147176603321
Titolo	Spacesofidentity.net
Pubbl/distr/stampa	Edmonton, Alberta [Canada], : Canadian Center for Austrian and Central European Studies, University of Alberta, Edmonton, 2001-
Soggetti	Identity (Psychology) - Europe, Central Identity (Psychology) - Europe, Eastern Identite (Psychologie) - Europe centrale Identite (Psychologie) - Europe de l'Est Identity (Psychology) Text Periodicals. Central Europe Eastern Europe
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	A multidisciplinary international web-journal dedicated to issues of tradition, cultural boundaries and identity formation in Central and Eastern Europe.