

CONTENTS Vol. 143, No. 6

JB Minireviews—New Paradigm in Glycobiology

Expression and Function of the HNK-1 Carbohydrate	I. Morita, Y. Kizuka, S. Kakuda and S. Oka	719
Biological Function of Fucosylation in Cancer Biology	E. Miyoshi, K. Moriwaki and T. Nakagawa	725

Regular Papers

Human Calpain 7/PalBH Associates with a Subset of ESCRT-III-related Proteins in its N-terminal Region and Partly Localizes to Endocytic Membrane Compartments	C. Yorikawa, E. Takaya, Y. Osako, R. Tanaka, Y. Terasawa, T. Hamakubo, Y. Mochizuki, H. Iwanari, T. Kodama, T. Maeda, K. Hitomi, H. Shibata and M. Maki	731
Structural bases for the specific interactions between the E2 and E3 components of the <i>Thermus thermophilus</i> 2-oxo acid dehydrogenase complexes	T. Nakai, S. Kuramitsu and N. Kamiya	747
Facilitation of Dissociation Reaction of Nucleotides Bound to <i>Mycobacterium tuberculosis</i> DnaA	K. Yamamoto, M. Moomey, M. Rajagopalan and M.V.V.S. Madiraju	759
Specific Regulation of Cytokine-Dependent p38 MAP Kinase Activation by p62/SQSTM1	K. Kawai, A. Saito, T. Sudo and H. Osada	765
Inhibition of DNA Helicase, ATPase and DNA-Binding Activities of <i>E. coli</i> RecQ Helicase by Chemotherapeutic Agents	B. Zhang, A.-h. Zhang, L. Chen and X.G. Xi	773
Direct Measure of Fluorescence Intensity for Efficient Receptor-binding Assay: Conjugates of Ethinylcarboxyestradiol and 5(and 6)-Carboxyfluorescein via α,ω -Diaminoalkanes as a Tracer for Estrogen Receptor	D. Asai, T. Tokunaga, K. Kondo, T. Kawaguchi, S. Takayanagi, T. Shinmyozu, M. Nakai, Y. Yakabe and Y. Shimohigashi	781
ErbB-regulated Sensitivity of MCF-7 Breast Cancer Cells to TRAIL via ErbB2/AKT/NF- κ B Pathway	N. Liu, J. Zhang, J. Zhang, S. Liu, Y. Liu and D. Zheng	793
<i>In vitro</i> Formation of a Novel Type of Membrane Vesicles Containing Dpmlp: Putative Transport Vesicles for Lipid Droplets in Budding Yeast	Y. Takeda and A. Nakano	803
Affinity Modulation of Human Placental Insulin and Insulin-Like Growth Factor Receptors by Lectins	R. Masnikosa, A. Nikolić and O. Nedić	813
Establishment of cell–cell junctions depends on the oligomeric states of VE-cadherin	S. Bibert, H. Ayari, D. Riveline, E. Concord, B. Hermant, T. Vernet and D. Gulino-Debrac	821
One-Step Purification of Lectins from Banana Pulp Using Sugar-Immobilized Gold Nano-Particles	S. Nakamura-Tsuruta, Y. Kishimoto, T. Nishimura and Y. Suda	833
Erratum		841