

CONTENTS Vol. 145, No. 1

Regular Papers

PPM1D430, a Novel Alternative Splicing Variant of the Human PPM1D, can Dephosphorylate p53 and Exhibits Specific Tissue Expression	Y. Chuman, W. Kurihashi, Y. Mizukami, T. Nashimoto, H. Yagi and K. Sakaguchi	1
2-Arachidonoyl- <i>sn</i> -glycero-3-phosphoinositol: A Possible Natural Ligand for GPR55	S. Oka, T. Toshida, K. Maruyama, K. Nakajima, A. Yamashita and T. Sugiura	13
Internalization of the Receptor for Advanced Glycation End Products (RAGE) is Required to Mediate Intracellular Responses	N. Sevillano, M.D. Girón, M. Salido, A.M. Vargas, J. Vilches and R. Salto	21
Regulation by Sphingolipids of the Fate of FRTL-5 Cells	Y. Satoh, X. Li, H. Yokota, M. Osada, Y. Ozaki, R. Katoh and Y. Yatomi	31
Production and Characterization of the Recombinant Human μ -Opioid Receptor from Transgenic Silkworms	M. Tateno, M. Toyooka, Y. Shikano, S. Takeda, N. Kuwabara, H. Sezutsu and T. Tamura	37
Inhibitory effect of <i>N</i> -palmitoylphosphatidylethanolamine on macrophage phagocytosis through inhibition of Rac1 and Cdc42	A. Shiratsuchi, M. Ichiki, Y. Okamoto, N. Ueda, N. Sugimoto, Y. Takuwa and Y. Nakanishi	43
Establishment and Characterization of Hepatic Stem-like Cell lines from Normal Adult Rat Liver	M. Hirata, K. Amano, A. Miyashita, M. Yasunaga, T. Nakanishi and K. Sato	51
<i>Trans</i> -Translation is Involved in the CcpA-Dependent Tagging and Degradation of TreP in <i>Bacillus subtilis</i>	H. Ujiie, T. Matsutani, H. Tomatsu, A. Fujihara, C. Ushida, Y. Miwa, Y. Fujita, H. Himeno and A. Muto	59
Spectroscopic Studies on the Comparative Interaction of Cationic Single-Chain and Gemini Surfactants with Human Serum Albumin	N. Gull, P. Sen, R.H. Khan and Kabir-ud-Din	67
Proline Effect on the Thermostability and Slow Unfolding of a Hyperthermophilic Protein	K. Takano, R. Higashi, J. Okada, A. Mukaiyama, T. Tadokoro, Y. Koga and S. Kanaya	79
Negative Regulation of Class IA Phosphoinositide 3-kinase by Protein Kinase C δ Limits Fc γ Receptor-Mediated Phagocytosis in Macrophages	K. Hazeki, K. Inoue, K. Nigorikawa and O. Hazeki	87
Immunity Protein Protects Colicin E2 from OmpT Protease	D. Duché, M. Issouf and R. Lloubès	95
Insights into the Catalytic Roles of the Polypeptide Regions in the Active Site of Thermolysin and Generation of the Thermolysin Variants with High Activity and Stability	M. Kusano, K. Yasukawa and K. Inouye	103

Testicular Angiotensin-Converting Enzyme with
Different Glycan Modification: Characterization on
Glycosylphosphatidylinositol-Anchored Protein
Releasing and Dipeptidase Activities

G. Kondoh, H. Watanabe, Y. Tashima,
Y. Maeda and T. Kinoshita

115

Anticoagulant Mechanism of Factor IX/factor X-binding Protein
Isolated from the Venom of *Trimeresurus flavoviridis*

M. Ishikawa, M. Kumashiro,
Y. Yamazaki, H. Atoda and T. Morita

123