(Continued from back cover)

CELL

Cell General		
Trafficking of Green Fluorescent Protein-Tagged SNARE Proteins in HSY Cells	T. Takuma, T. Arakawa, M. Okayama, I. Mizoguchi, A. Tanimura, and Y. Tajima	729
Overexpression of the Aryl Hydrocarbon Receptor (AhR) Accelerates the Cell Proliferation of A549 Cells	S. Shimba, K. Komiyama, I. Moro, and M. Tezuka	795
Biomembranes, Organelles, and Protein Sorting		
Cellular Catabolism of Lipid Poor Apolipoprotein E via Cell Surface LDL Receptor–Related Protein	M. Narita, D.M. Holtzman, A.M. Fagan, M.J. LaDu, L. Yu, X. Han, R.W. Gross, G. Bu, and A.L. Schwartz	743
Receptors and Signal Transduction		
Phosphorylation and Regulation of β -Catenin by Casein Kinase Is	C. Sakanaka	697
BIOTECHNOLOGY		
Bioactive Substances		
Biological Activity of p -Methylaminophenol, an Essential Structural Component of N -(4-Hydroxyphenyl)retinamide, Fenretinide	N. Takahashi, T. Ohba, S. Togashi, and T. Fukui	767
Gene and Protein Engineering		
Guide Oligonucleotide-Dependent DNA Linkage That Facilitates Controllable Polymerization of Microgene Blocks	K. Shiba, T. Hatada, Y. Takahashi, and T. Noda	689
Importance of a CDR H3 Basal Residue in V_H / V_L Interaction of Human Antibodies	T. Aburatani, H. Ueda, and T. Nagamune	775
CORRECTION		829

CONTENTS Rearranged According to Subject Categories, Vol. 132, No. 5

JB MINIREVIEWS—Protein Kinase C Isotypes and Their Specific	Functions	
Activation Mechanisms of Protein Kinase C: Maturation, Catalytic Activation, and Targeting	Y. Shirai and N. Saito	663
Protein Kinase Cα (PKCα): Regulation and Biological Function	S. Nakashima	669
Protein Kinase C β (PKC β): Normal Functions and Diseases	T. Kawakami, Y. Kawakami, and J. Kitaura	677
Protein Kinase $C\gamma$ (PKC γ): Function of Neuron Specific Isotype	N. Saito and Y. Shirai	683
BIOCHEMISTRY	•	
Biochemistry General		
RNase 3 (ECP) Is an Extraordinarily Stable Protein among Human Pancreatic-Type RNases	T. Maeda, K. Mahara, M. Kitazoe, J. Futami, A. Takidani, M. Kosaka, H. Tada, M. Seno, and H. Yamada	737
Proteomic Analysis of Stable Protein Methylation in Lymphoblastoid Cells	HM. Huang, M.F. Tam, TC.S. Tam, DH. Chen, M. Hsieh, and C. Li	813
Protein Structure		
Structure of Imidazole Glycerol Phosphate Synthase from <i>Thermus thermophilus</i> HB8: Open-Closed Conformational Change and Ammonia Tunneling	R. Omi, H. Mizuguchi, M. Goto, I. Miyahara, H. Hayashi, H. Kagamiyama, and K. Hirotsu	759
Nucleic Acid and Peptide Biochemistry		
Role of a Conserved J8/7 X P4 Base-Triple in the Tetrahymena Ribozyme	Y. Ohki, Y. Ikawa, H. Shiraishi, and T. Inoue	713
Glycobiology and Carbohydrate Biochemistry		
Chaperone-Like Functions of High-Mannose Type and Complex-Type N -Glycans and Their Molecular Basis	Y. Jitsuhara, T. Toyoda, T. Itai, and H. Yamaguchi	803
Enzymology		
Two Enzyme-Linked Immunosorbent Assay (ELISA) Systems for N^1,N^8 -Diacetylspermidine and N^1,N^{12} -Diacetylspermine Using Monoclonal Antibodies	M. Hamaoki, K. Hiramatsu, S. Suzuki, A. Nagata, and M. Kawakita	783
Biochemistry of Proteolysis		
Cloning and Biochemical Characterization of Astacin-Like Squid Metalloprotease	Y. Yokozawa, H. Tamai, S. Tatewaki, T. Tajima, T. Tsuchiya, and N. Kanzawa	751
Metabolism and Bioenergetics		
Nucleotide-Binding Sites in V-Type Na ⁺ -ATPase from Enterococcus hirae	T. Murata, Y. Yoshikawa, T. Hosaka, K. Takase, Y. Kakinuma, I. Yamato, and T. Kikuchi	789
Immunochemistry		
Mapping of the Sites Responsible for Factor I–Cofactor Activity for Cleavage of C3b and C4b on Human C4b-Binding Protein (C4bp) by Deletion Mutagenesis	A. Fukui, T. Yuasa-Nakagawa, Y. Murakami, K. Funami, N. Kishi, T. Matsuda, T. Fujita, T. Seya, and S. Nagasawa	719
MOLECULAR BIOLOGY		
Protein Synthesis		
Identification of the Ribosomal Proteins Present in the Vicinity of Globin mRNA in the 40S Initiation Complex	Y. Takahashi, T. Mitsuma, S. Hirayama, and S. Odani	705
DNA-Protein Interaction		
Three-Dimensional Structural Model Analysis of Binding Site of an Inhibitor, Nervonic Acid, of Both DNA Polymerase β and HIV-1 Reverse Transcriptase	N. Kasai, Y. Mizushina, F. Sugawara, and K. Sakaguchi	819