

INDEX TO AUTHORS

A

- Abe, K. See *Kudo, Nishiyama, Sasaki, Arai, and Tanokura*, 568
 —. See *Matsumoto, Arai, and Emori*, 693
 Abe, N., Kadowaki, T., Okamoto, K., Nakayama, K., Ohishi, M., and Yamamoto, K. Biochemical and Functional Properties of Lysine-Specific Cysteine Proteinase (Lys-Gingipain) as a Virulence Factor of *Porphyromonas gingivalis* in Periodontal Disease, 305
 Abe, Y., Ueda, T., Kawano, K., Tanaka, Y., and Imoto, T. Detection of a Local Interaction of Hen Lysozyme under Highly Denaturing Conditions Using Chemically ¹³C-Enriched Methionine Resonance, 313
 Aizono, Y. See *Tsuruta, Tsuneta, Ishida, Watanabe, and Uno*, 219
 Akagawa, H., Ishii, A., and Mizuno, S. Suppression of Thermotolerance Development through Cycloheximide-Induced Negative Control of Stress Protein Gene Expression, 226
 Akaike, T. See *Liang*, 213
 Akanuma, H. See *Sakuma and Kametani*, 189
 Akhter, S. See *Yokota, Takahashi, Eisaki, Asashima, Muramatsu, and Kadomatsu*, 339
 —, Ichihara-Tanaka, K., Kojima, S., Muramatsu, H., Inui, T., Kimura, T., Kaneda, N., Talukder, A.H., Kadomatsu, K., Inagaki, F., and Muramatsu, T. Clusters of Basic Amino Acids in Midkine: Roles in Neurite-Promoting Activity and Plasminogen Activator-Enhancing Activity, 1127
 Akimoto, S. See *Tsuchida, Usui, and Kobayashi*, 715
 Akino, T. See *Mikami, Kashiwagi, Tsuchihashi, Daino, and Gasa*, 487
 —. See *Mikami, Kashiwagi, Tsuchihashi, and Gasa*, 906
 Akita, Y. See *Yajima, Saito, and Kawashima*, 1024
 Akiyama, Masaki, Sugatani, J., Suzuki, T., Suzuki, Y., and Miwa, M. Identification of a Major PAF Acetylhydrolase in Human Serum/Plasma as a 43 kDa Glycoprotein Containing About 9 kDa Asparagine-Conjugated Sugar Chain(s), 786
 Akiyama, Masashi. See *Yoshino-Yasuda, Kobayashi, Itoh, Tomomura, and Saheki*, 546
 Akutsu, H. See *Kitamura, Sagara, Taniguchi, Ashida, Ezoe, Kohno, Kojima, Ozawa, Kumagai, and Nakaya*, 891
 Alvarez, F.J., Jordán, J.A., Herráez, A., Díez, J.C., and Tejedor, M.C. Hypotonicity Loaded Rat Erythrocytes Deliver Encapsulated Substances into Peritoneal Macrophages, 233
 Amano, I. See *Fujisawa, Matsumoto, Muramatsu, Shinzato, Hiramatsu, Horie, Cai, Oka, Muramatsu, and Maeda*, 864
 Aoba, T. See *Matsushima and Izumi*, 150
 Arai, Koichi, Madoiwa, S., Mimuro, J., Asakura, S., Matsuda, M., Sako, T., and Sakata, Y. Role of the Kringle Domain in Plasminogen Activation with Staphylokinase, 71
 Arai, Kunizo. See *Sai, Matsuda, and Ohkuma*, 630
 —, Matsuda, T., Sai, Y., and Ohkuma, S. ARF-Induced Lysosomal Lysis *In Vitro*, 637
 Arai, S. See *Kudo, Nishiyama, Sasaki, Abe, and Tanokura*, 568
 —. See *Matsumoto, Abe, and Emori*, 693
 Araki, M. See *Yamashita, Kairiyama, and Nagasawa*, 1199
 Ariga, H. See *Tsuchiya, Saëgusa, Taira, Mimori, and Iguchi-Ariga*, 120
 Ariga, T. See *Uno, Nakamura, Ohomagari, Matsuyama, and Seki*, 806
 Arioka, M. See *Ho, Wakatsuki, Yamasaki, and Kitamoto*, 332
 Asada, A. See *Nakatani, Yamada, Okada, Ikeuchi, and Hatanaka*, 707
 Asada, K., Uemori, T., Ueno, T., Hashino, K., Koyama, N., Kawamura, A., and Kato, I. Enhancement of Retroviral Gene Transduction on a Dish Coated with a Cocktail of Two Different Polypeptides: One Exhibiting Binding Activity toward Target Cells, and the Other toward Retroviral Vectors, 1041
 Asakura, S. See *Arai, Madoiwa, Mimuro, Matsuda, Sako, and Sakata*, 71
 Asashima, M. See *Yokota, Takahashi, Eisaki, Akhter, Muramatsu, and Kadomatsu*, 339
 Ashida, M. See *Kitamura, Sagara, Taniguchi, Ezoe, Kohno, Kojima, Ozawa, Akutsu, Kumagai, and Nakaya*, 891
 Ashiuchi, M., Tani, K., Soda, K., and Misono, H. Properties of Glutamate Racemase from *Bacillus subtilis* IFO 3336 Producing Poly- γ -Glutamate, 1156
 Aso, Y. See *Hiromasa, Mayanagi, Inoue, Fujisawa, Meno, and Ueki*, 564
 Awaya, A. See *Ikeuchi, Nakatani, Yamada, Itokazu, and Hatanaka*, 423

B

- Bacic, A. See *Oxley, Munro, and Craik*, 978
 Bettler, E. See *Breton, Joziassse, Geremia, and Imberty*, 1000
 Borowski, P., Kornetzky, L., and Laufs, R. Properties of the Proteolytically Generated Catalytic Domain (42 kDa Kinase) of Epidermal Growth Factor Receptor: Comparison with Holoenzyme, 380
 Brandsch, R. See *Stoltz*, 445
 Breton, C., Bettler, E., Joziassse, D.H., Geremia, R.A., and Imberty, A. Sequence-Function Relationships of Prokaryotic and Eukaryotic Galactosyltransferases, 1000
 Bun-ya, M., Maebuchi, M., Kamiryo, T., Kurosawa, T., Sato, M., Tohma, M., Jiang, L.L., and Hashimoto, T. Thiolase Involved

in Bile Acid Formation, 347

C

- Cai, Z. See *Fujisawa, Matsumoto, Muramatsu, Shinzato, Hiramatsu, Horie, Oka, Amano, Muramatsu, and Maeda*, 864
 Chang, L.-F. See *Li, Hsu, and Chen*, 416
 Chen, G. See *Li, Hsu, and Chang*, 416
 Chen, J.C.F. See *Tzen, Chuang, and Wu*, 318
 Chen, L.-J. See *Wu, Wang, Chen, and Tzen*, 386
 Chen, P.-W. See *Wu, Wang, Chen, and Tzen*, 386
 Choe, I.S. See *Lee, Kim, Lee, Kim, Lee, and Park*, 47
 Chuang, R.L.C. See *Tzen, Chen, and Wu*, 318
 Coli, M. See *Fini, Floridi, D'Auria, Staiano, Nucci, and Rossi*, 269
 Cox, J.A. See *Yuasa and Takagi*, 1180
 Craik, D.J. See *Oxley, Munro, and Bacic*, 978
 Crocker, P.R. See *Hashimoto, Suzuki, and Suzuki*, 468

D

- D'Auria, S. See *Fini, Coli, Floridi, Staiano, Nucci, and Rossi*, 269
 Daba, K. See *Nishimura, Uchida, Inohana, Setoh, Nishimura, and Yamaguchi*, 516
 Daino, T. See *Mikami, Kashiwagi, Tsuchihashi, Akino, and Gasa*, 487
 Daleke, D.L. See *Uchida, Emoto, Inoue, and Umeda*, 1073
 Díez, J.C. See *Alvarez, Jordán, Herráez, and Tejedor*, 233
 Dubiel, W. See *Sitte and Kloetzel*, 408

E

- Eisaki, A. See *Yokota, Takahashi, Asashima, Akhter, Muramatsu, and Kadomatsu*, 339
 Emori, Y. See *Matsumoto, Abe, and Arai*, 693
 Emoto, K. See *Uchida, Daleke, Inoue, and Umeda*, 1073
 Endo, Y. See *Ogata, Ohno, Terao, and Iwasaki*, 294
 Esterbauer, H. See *Siems, Pimenov, and Grune*, 534
 Eversole-Cire, P. See *Hatano, Ferguson-Smith, Jones, Surani, and Sasaki*, 984
 Ezoe, K. See *Kitamura, Sagara, Taniguchi, Ashida, Kohno, Kojima, Ozawa, Akutsu, Kumagai, and Nakaya*, 891

F

- Ferguson-Smith, A.C. See *Hatano, Eversole-Cire, Jones, Surani, and Sasaki*, 984
 Fini, C., Coli, M., Floridi, A., D'Auria, S., Staiano, M., Nucci, R., and Rossi, M. Temperature Effects on the Structural and Functional Properties of GPI-Anchored and Anchor-Less Bull Seminal Plasma Ecto-5'-Nucleotidase, 269
 Floridi, A. See *Fini, Coli, D'Auria, Staiano, Nucci, and Rossi*, 269
 Fujimaki, Y. See *Liang, Kinoshita, Muto,*

F (cont'd)

- Matsuki, Saito, Yamanaka, and Teramoto*, 28
- Fujino, M.A. See *Hisano, Yatomi, Igarashi, Kume, and Ozaki*, 263
- Fujisawa, K., Matsumoto, Y., Muramatsu, H., Shinzato, T., Hiramatsu, K., Horie, K., Cai, Z., Oka, H., Amano, I., Muramatsu, T., and Maeda, K. Increased Serum Midkine Levels during Hemodialysis Using Heparin in Chronic Renal Failure, 864
- Fujisawa, Takuo. See *Sasaki, Hattori, Takahashi, Inoue, and Takigawa*, 431
- Fujisawa, Tetsuro. See *Hiromasa, Aso, Mayanagi, Inoue, Meno, and Ueki*, 564
- Fujita, A. See *Mizuno-Kamiya, Kameyama, and Yashiro*, 205
- Fujita, K. See *Yoshinari, Nagata, Ogino, Shiraga, Iwasaki, Hata, and Yamazoe*, 479
- See *Yoshinari, Nagata, Shiraga, Iwasaki, Hata, Ogino, Ueda, Shimada, and Yamazoe*, 740
- Fujita, Satoshi. See *Hamada, Kise, Jigami, and Taira*, 684
- Fujita, Shoichi. See *Tasaki, Nakamura, Itoh, Ohashi, Yamamoto, Masuda, Iwata, Kazusaka, and Kamataki*, 162
- See *Tasaki, Iwata, and Kazusaka*, 747
- Fujiwara, T. See *Nakajima and Fukumori*, 521
- Fukumaki, Y. See *Matsumoto, Yamaguchi, Yasunaga, and Terada*, 87
- Fukumori, Y. See *Nakajima and Fujiwara*, 521
- Fukushi, M. See *Shibata, Igarashi, Misumi, Ikehara, Ohashi, and Oda*, 968
- Fukushima, J. See *Miyajima, Hata, Kawamoto, Okuda, Shibano, and Morihara*, 24
- Fukushima, K. See *Shiomi, Suzuki, Nakashima, Noguchi, and Nishimoto*, 883
- Fukuta, D. See *Yamashita, Tsuji, Nagabukuro, Matsuda, Nishikawa, Ohyama, Ohmori, Ono, and Takai*, 358
- Funatsu, H. See *Tsuda, Kaya, Hayashi, and Taniguchi*, 169
- Furuno, M. See *Nishioka, Kawagishi, and Homma*, 1169
- Furusawa, T., Yanai, N., Hara, T., Miyajima, A., and Obinata, M. Integrin-Associated Protein (IAP, Also Termed CD47) Is Involved in Stroma-Supported Erythropoiesis, 101
- Furuya, Y. See *Hirokawa, Sakae, Ishii, Hasegawa, Tagami, Kawakami, Sakai, Nishi, and Nishihira*, 733
- Fusetani, N. See *Saito, Watabe, Ozaki, Kobayashi, Suzuki, Kobayashi, and Karaki*, 571
- See *Wada, Matsunaga, Saito, and Watabe*, 946

G

- Gasa, S. See *Mikami, Kashiwagi, Tsuchihashi, Daino, and Akino*, 487
- See *Mikami, Kashiwagi, Tsuchihashi, and Akino*, 906
- Gekko, K. See *Ohmae, Iriyama, and Ichihara*, 33
- See *Ohmae, Ishimura, and Iwakura*, 839
- Geremia, R.A. See *Breton, Bettler, Joziassse, and Imberty*, 1000

- Goto, M. See *Shimokawa, Goto, Ida, Nishijima, and Kodama*, 596
- Goto, S. See *Shimokawa, Ida, Goto, Nishijima, and Kodama*, 596
- Grune, T. See *Siems, Pimenov, and Esterbauer*, 534

H

- Hagishita, S. See *Kitadokoro, Sato, Ohtani, and Miki*, 619
- Hagiwara, A. See *Miki, Kobayashi, Kimura, Hai, and Maeda*, 324
- Hagiwara, K. See *Takase*, 440
- Hai, H. See *Miki, Kobayashi, Kimura, Hagiwara, and Maeda*, 324
- Hakamata, H. See *Jinnouchi, Sano, Nagai, Kodama, Suzuki, Yoshida, Ueda, and Horiuchi*, 1208
- Hamada, M., Fujita, S., Kise, H., Jigami, Y., and Taira, K. Comparison of *In Vivo* Activities of 5'-Connected and 3'-Connected *cis*-Acting Ribozymes: Selection of Intracellularly Active Ribozymes Using the Gene for Dihydrofolate Reductase (DHFR) as a Selective Marker in *Escherichia coli*, 684
- Hamamoto, R. See *Yamada, Kamihira, and Iijima*, 1017
- Hamaoka, R. See *Suzuki, Koh, Mizuno, and Taniguchi*, 353
- Han, H.-S. See *Ryu and Kim*, 55
- Hanaoka, K. See *Ito, Iwamori, and Iwamori*, 107
- Hanzawa, H., Haruyama, H., Konishi, K., Watanabe, K., and Tsurufuji, S. Solution Structure of CINC/Gro Investigated by Heteronuclear NMR, 62
- Hara, Takahiko. See *Furusawa, Yanai, Miyajima, and Obinata*, 101
- Hara, Tomoko. See *Hatanaka, Seya, Miyagawa, Matsumoto, Tanaka, and Shimizu*, 579
- Haruyama, H. See *Hanzawa, Konishi, Watanabe, and Tsurufuji*, 62
- Hase, M., Ishikawa, Y., Sekimizu, K., Tsuchiya, T., and Mizushima, T. Effect of Glycerol on the Affinity of DnaA Protein for ATP in the Presence of Cardiolipin, 680
- Hase, S. See *Omichi*, 932
- See *Nakakita, Natsuka, and Ikenaka*, 1164
- Hasegawa, Akiro. See *Hata, Wada, Kiso, and Miyagi*, 899
- Hasegawa, Atsushi. See *Hirokawa, Sakae, Furuya, Ishii, Tagami, Kawakami, Sakai, Nishi, and Nishihira*, 733
- Hashimoto, H., Yokoyama, Y., Matsuo, Y., Toyohara, H., Kohno, M., and Sakaguchi, M. Existence of Two Isoforms of Extracellular Signal-Regulated Kinase in Fish, 1031
- Hashimoto, T. See *Bun-ya, Maebuchi, Kamiyryo, Kurosawa, Sato, Tohma, and Jiang*, 347
- Hashimoto, Y., Suzuki, M., Crocker, P.R., and Suzuki, A. A Streptavidin-Based Neoglycoprotein Carrying More Than 140 GT1b Oligosaccharides: Quantitative Estimation of the Binding Specificity of Murine Sialoadhesin Expressed on CHO Cells, 468
- Hashino, K. See *Asada, Uemori, Ueno, Koyama, Kawamura, and Kato*, 1041
- Hata, K., Wada, T., Hasegawa, A., Kiso, M., and Miyagi, T. Purification and Characterization of a Membrane-Associated Ganglioside Sialidase from Bovine Brain, 899
- Hata, T. See *Yoshinari, Nagata, Ogino, Fujita, Shiraga, Iwasaki, and Yamazoe*, 479
- See *Yoshinari, Nagata, Shiraga, Iwasaki, Ogino, Ueda, Fujita, Shimada, and Yamazoe*, 740
- Hata, Y. See *Miyajima, Fukushima, Kawamoto, Okuda, Shibano, and Morihara*, 24
- Hatanaka, H. See *Ikeuchi, Nakatani, Yamada, Itokazu, and Awaya*, 423
- See *Nakatani, Yamada, Asada, Okada, and Ikeuchi*, 707
- Hatanaka, M., Seya, T., Miyagawa, S., Matsumoto, M., Hara, T., Tanaka, K., and Shimizu, A. Cellular Distribution of a GPI-Anchored Complement Regulatory Protein CD59: Homodimerization on the Surface of HeLa and CD59-Transfected CHO Cells, 579
- Hatano, N., Eversole-Cire, P., Ferguson-Smith, A.C., Jones, P.A., Surani, M.A., and Sasaki, H. Enhancer-Dependent, Locus-Wide Regulation of the Imprinted Mouse Insulin-Like Growth Factor II Gene, 984
- Hattori, M. See *Tsukahara, Urakawa, Hirai, Ohba, Yoshioka, Sakaki, and Muraki*, 1055
- Hattori, T. See *Sasaki, Fujisawa, Takahashi, Inoue, and Takigawa*, 431
- Hayashi, J.-I. See *Nakamichi, Rhoads, Kagawa, and Matsumura*, 392
- Hayashi, R. See *Matsuzaki, Ueno, and Liao*, 701
- Hayashi, T. See *Hazeki, Yamato, Imamura, Sasaki, Nakazato, Yamamoto, and Konomi*, 587
- Hayashi, Y. See *Tsuda, Kaya, Funatsu, and Taniguchi*, 169
- Hazeki, N., Yamato, M., Imamura, Y., Sasaki, T., Nakazato, K., Yamamoto, K., Konomi, H., and Hayashi, T. Analysis of Matrix Protein Components of the Dermis-Like Structure Formed in a Long-Term Culture of Human Fibroblasts: Type VI Collagen Is a Major Component, 587
- Hemmi, H. See *Ohnuma, Koyama, Ogura, and Nishino*, 1036
- , Ohnuma, S., Nagaoka, K., and Nishino, T. Identification of Genes Affecting Lycopen Formation in *Escherichia coli* Transformed with Carotenoid Biosynthetic Genes: Candidates for Early Genes in Isoprenoid Biosynthesis, 1088
- Herráez, A. See *Alvarez, Jordán, Díez, and Tejedor*, 233
- Herrmann, J. See *Kariya, Suzuki, Isomura, and Ishihara*, 240
- Hi, R. See *Nishiyama, Osada, and Osumi*, 1174
- Hirai, Kanji. See *Shirakata*, 175
- Hirai, Kumiko. See *Uemura*, 253
- Hirai, M. See *Tsukahara, Urakawa, Hattori, Ohba, Yoshioka, Sakaki, and Muraki*, 1055
- Hiramatsu, K. See *Fujisawa, Matsumoto, Muramatsu, Shinzato, Horie, Cai, Oka, Amano, Muramatsu, and Maeda*, 864
- Hirokawa, J., Sakae, S., Furuya, Y., Ishii, J., Hasegawa, A., Tagami, S., Kawakami,

H (cont'd)

- Y., Sakai, M., Nishi, S., and Nishihira, J. Tumor Necrosis Factor- α Regulates the Gene Expression of Macrophage Migration Inhibitory Factor through Tyrosine Kinase-Dependent Pathway in 3T3-L1 Adipocytes, 733
- Hiromasa, Y., Aso, Y., Mayanagi, K., Inoue, Y., Fujisawa, T., Meno, K., and Ueki, T. Guanidine Hydrochloride-Induced Changes of the E2 Inner Core of the *Bacillus stearothermophilus* Pyruvate Dehydrogenase Complex, 564
- Hirose, T. See *Mukouyama and Suzuki*, 1097
- Hisano, N., Yatomi, Y., Fujino, M.A., Igarashi, Y., Kume, S., and Ozaki, Y. Quantification of Sphingosine Derivatives in Human Platelets: Inducible Formation of Free Sphingosine, 263
- Ho, S.-C., Wakatsuki, S., Arioka, M., Yamasaki, M., and Kitamoto, K. Identification and Characterization of Porcine NP-190, a Novel Protein That Is Specifically Expressed in the Axonal Membrane during the Embryonic Period, 332
- Homma, K. See *Ishino, Ohtsuki, and Natori*, 540
- Homma, M. See *Nishioka, Furuno, and Kawagishi*, 1169
- Honma, M. See *Minami, Uchiyama, Murakami, Kawai, Mikami, Yamada, Yokoi, Ito, and Matsui*, 1112
- Hori, C. See *Hori, Ohtani, and Nokihara*, 650
- Hori, M. See *Oshiro, Kawahara, Mika, Muramoto, Kobayashi, Ishige, Nozawa, Yung, Kitajima, and Kuroda*, 42
- Hori, S., Ohtani, S., Hori, C., and Nokihara, K. Purification and Characterization of Myonase from X-Chromosome Linked Muscular Dystrophic Mouse Skeletal Muscle, 650
- Horie, K. See *Fujisawa, Matsumoto, Muramatsu, Shinzato, Hiramatsu, Cai, Oka, Amano, Muramatsu, and Maeda*, 864
- Horiuchi, S. See *Jinnouchi, Sano, Nagai, Hakamata, Kodama, Suzuki, Yoshida, and Ueda*, 1208
- Hosomi, S. See *Maeda, Mizoguchi, and Nishihara*, 602
- Hsu, H.-S. See *Li, Chang, and Chen*, 416
- I
- Ibuka, A., Tonozuka, T., Matsuzawa, H., and Sakai, H. Conversion of Neopullulanase- α -Amylase from *Thermoactinomyces vulgaris* R-47 into an Amylopullulanase-Type Enzyme, 275
- Ichihara, S. See *Ohmae, Iriyama, and Gekko*, 33
- Ichihara-Tanaka, K. See *Akhter, Kojima, Muramatsu, Inui, Kimura, Kaneda, Talukder, Kadomatsu, Inagaki, and Muramatsu*, 1127
- Ida, M. See *Shimokawa, Goto, Goto, Nishijima, and Kodama*, 596
- Igarashi, A. See *Shibata, Fukushi, Misumi, Ikehara, Ohashi, and Oda*, 968
- Igarashi, Y. See *Hisano, Yatomi, Fujino, Kume, and Ozaki*, 263
- Iguchi-Arigo, S.M.M. See *Tsuchiya, Saegusa, Taira, Mimori, and Ariga*, 120
- Iijima, S. See *Yamada, Kamihira, and Hamamoto*, 1017
- Ikawa, Y., Shiraishi, H., and Inoue, T. Trans-Activation of the *Tetrahymana* Ribozyme by Its P2-2.1 Domains, 528
- Ikehara, Y. See *Shibata, Fukushi, Igarashi, Misumi, Ohashi, and Oda*, 968
- Ikenaka, K. See *Nakakita, Natsuka, and Hase*, 1164
- Ikeuchi, T. See *Nakatani, Yamada, Asada, Okada, and Hatanaka*, 707
- , Nakatani, A., Yamada, M., Itokazu, N., Awaya, A., and Hatanaka, H. MS-430, a Synthetic Pyrimidine Derivative, Influences the Intracellular Signal Transduction Pathway Leading to Neuronal Differentiation of PC12h Cells, 423
- Imai, T. See *Sakamoto, Suzuki, Takiya, Yoshimura, Matsumoto, and Nakamura*, 399
- Imamura, Y. See *Hazeki, Yamato, Sasaki, Nakazato, Yamamoto, Konomi, and Hayaishi*, 587
- Imberty, A. See *Breton, Bettler, Joziassse, and Geremia*, 1000
- Imoto, T. See *Abe, Ueda, Kawano, and Tanaka*, 313
- Inagaki, F. See *Akhter, Ichihara-Tanaka, Kojima, Muramatsu, Inui, Kimura, Kaneda, Talukder, Kadomatsu, and Muramatsu*, 1127
- Inohana, Y. See *Nishimura, Uchida, Setoh, Daba, Nishimura, and Yamaguchi*, 516
- Inoue, H. See *Sasaki, Hattori, Fujisawa, Takahashi, and Takigawa*, 431
- Inoue, J., Sato, R., and Maeda, M. Multiple DNA Elements for Sterol Regulatory Element-Binding Protein and NF-Y Are Responsible for Sterol-Regulated Transcription of the Genes for Human 3-Hydroxy-3-Methylglutaryl Coenzyme A Synthase and Squalene Synthase, 1191
- Inoue, K. See *Uchida, Emoto, Daleke, and Umeda*, 1073
- Inoue, T. See *Ikawa and Shiraishi*, 528
- Inoue, Y. See *Hiromasa, Aso, Mayanagi, Fujisawa, Meno, and Ueki*, 564
- Inouye, K., Kuzuya, K., and Tonomura, B. Effect of Salts on the Solubility of Thermolysin: A Remarkable Increase in the Solubility as Well as the Activity by the Addition of Salts without Aggregation or Dispersion of Thermolysin, 847
- Inouye, S. See *Nobumoto, Yamada, Song, and Nakazawa*, 128
- Inui, T. See *Akhter, Ichihara-Tanaka, Kojima, Muramatsu, Kimura, Kaneda, Talukder, Kadomatsu, Inagaki, and Muramatsu*, 1127
- Iriyama, K. See *Ohmae, Ichihara, and Gekko*, 33
- Isashi, Y., Yamashita, T., Nagasawa, S., Tanaka, K., Murakami, M., and Uede, T. The Mechanism by Which Proteolysis Enhances the Ligand-Binding Activity of Guinea Pig Type II Fc Receptor for IgG (Fc γ RIIB), 959
- Ishida, H. See *Miki, Miura, Sano, Kimura, Kondo, and Maeda*, 1104
- Ishida, N. See *Kawakita, Miura, Sun-Wada, and Yoshioka*, 777
- , See *Sun-Wada, Yoshioka, and Kawakita*, 912
- Ishida, T. See *Nishi, Morino, Tomoo, and Youtani*, 157
- Ishida, Y. See *Tsuruta, Tsuneta, Watanabe, Uno, and Aizono*, 219
- Ishige, R. See *Oshiro, Kawahara, Mika, Muramoto, Kobayashi, Nozawa, Hori, Yung, Kitajima, and Kuroda*, 42
- Ishiguro, S. See *Shimizu and Tamai*, 953
- Ishihama, Y. See *Takenawa, Oda, and Iwakura*, 1137
- Ishihara, M. See *Kariya, Herrmann, Suzuki, and Isomura*, 240
- Ishihara, N. and Mihara, K. Identification of the Protein Import Components of the Rat Mitochondrial Inner Membrane, rTIM17, rTIM23, and rTIM44, 722
- Ishii, A. See *Akagawa and Mizuno*, 226
- Ishii, J. See *Hirokawa, Sakaue, Furuya, Hasegawa, Tagami, Kawakami, Sakai, Nishi, and Nishihira*, 733
- Ishikawa, Y. See *Hase, Sekimizu, Tsuchiya, and Mizushima*, 680
- Ishikura, H. See *Matsugi and Murao*, 853
- Ishimura, K. See *Ohmae, Iwakura, and Gekko*, 839
- Ishino, T., Ohtsuki, S., Homma, K., and Natori, S. cDNA Cloning of Mouse Prolyl Endopeptidase and Its Involvement in DNA Synthesis by Swiss 3T3 Cells, 540
- Isomura, T. See *Kariya, Herrmann, Suzuki, and Ishihara*, 240
- Ito, H. See *Minami, Uchiyama, Murakami, Kawai, Mikami, Yamada, Yokoi, Matsui, and Honma*, 1112
- Ito, M. See *Mitsutake, Kita, and Nakagawa*, 859
- Ito, N., Iwamori, Y., Hanaoka, K., and Iwamori, M. Inhibition of Pancreatic Elastase by Sulfated Lipids in the Intestinal Mucosa, 107
- Ito, W. See *Yasui and Kurosawa*, 827
- and Kurosawa, Y. Characterization of Fv Fragments Expressed on Phage Surface, 832
- Itoh, H. See *Yoshino-Yasuda, Kobayashi, Akiyama, Tomomura, and Saheki*, 546
- Itoh, K. See *Kuroha, Takahashi, Komeno, Nagasawa, and Yamamoto*, 376
- Itoh, S. See *Tasaki, Nakamura, Ohashi, Yamamoto, Masuda, Iwata, Kazusaka, Kamataki, and Fujita*, 162
- Itoh, T. See *Motizuki, Yamada, Shimamura, and Tsurugi*, 675
- Itokazu, N. See *Ikeuchi, Nakatani, Yamada, Awaya, and Hatanaka*, 423
- Iwakura, M. See *Ohmae, Ishimura, and Gekko*, 839
- , See *Takenawa, Oda, and Ishihama*, 1137
- Iwamori, M. See *Ito, Iwamori, and Hanaoka*, 107
- Iwamori, Y. See *Ito, Hanaoka, and Iwamori*, 107
- Iwanaga, S., Kawabata, S., and Muta, T. New Types of Clotting Factors and Defense Molecules Found in Horseshoe Crab Hemolymph: Their Structures and Functions, 1
- Iwasaki, Kazuhide. See *Yoshinari, Nagata, Ogino, Fujita, Shiraga, Hata, and Yamazoe*, 479
- , See *Yoshinari, Nagata, Shiraga, Hata, Ogino, Ueda, Fujita, Shimada, and Yama-*

I (cont'd)

- zoe, 740
 Iwasaki, Kentaro. See *Ogata, Ohno, Terao, and Endo*, 294
 Iwata, H. See *Tasaki, Nakamura, Itoh, Ohashi, Yamamoto, Masuda, Kazusaka, Kamataki, and Fujita*, 162
 —. See *Tasaki, Kazusaka, and Fujita*, 747
 Iwata, S. Structure and Function of Bacterial Cytochrome *c* Oxidase, 369
 Izumi, Y. See *Matsushima and Aoba*, 150
- J
- Jelokhani-Niaraki, M., Nakashima, K., Kodama, H., and Kondo, M. Interaction and Orientation of an α -Aminoisobutyric Acid- and Tryptophan-Containing Short Helical Peptide Pore-Former in Phospholipid Vesicles, as Revealed by Fluorescence Spectroscopy, 790
 Jiang, L.L. See *Bun-ya, Maebuchi, Kamiryō, Kurosawa, Sato, Tohma, and Hashimoto*, 347
 Jigami, Y. See *Hamada, Fujita, Kise, and Taira*, 684
 Jinnouchi, Y., Sano, H., Nagai, R., Hakamata, H., Kodama, T., Suzuki, H., Yoshida, M., Ueda, S., and Horiuchi, S. Glycolaldehyde-Modified Low Density Lipoprotein Leads Macrophages to Foam Cells via the Macrophage Scavenger Receptor, 1208
 Jones, P.A. See *Hatano, Eversole-Cire, Ferguson-Smith, Surani, and Sasaki*, 984
 Jordán, J.A. See *Alvarez, Herréiz, Díez, and Tejedor*, 233
 Joziassé, D.H. See *Breton, Bettler, Geremia, and Imberty*, 1000
- K
- Kadomatsu, K. See *Yokota, Takahashi, Eisaki, Asashima, Akhter, and Muramatsu*, 339
 —. See *Akhter, Ichihara-Tanaka, Kojima, Muramatsu, Inui, Kimura, Kaneda, Talukder, Inagaki, and Muramatsu*, 1127
 Kadowaki, T. See *Abe, Okamoto, Nakayama, Ohishi, and Yamamoto*, 305
 Kagawa, M. See *Sado, Naito, Ueki, Seki, Momota, Oohashi, and Ninomiya*, 767
 Kagawa, Y. See *Nakamichi, Rhoads, Hayaishi, and Matsumura*, 392
 Kairiyama, L. See *Yamashita, Araki, and Nagasawa*, 1199
 Kajiyama, K. See *Koike, Kondo, Makita, Yoshida, and Morikawa*, 1079
 Kamataki, T. See *Tasaki, Nakamura, Itoh, Ohashi, Yamamoto, Masuda, Iwata, Kazusaka, and Fujita*, 162
 Kamei, D. See *Tsuchiya, Takano, Matsui, and Yamada*, 499
 Kametani, S. See *Sakuma and Akanuma*, 189
 Kameyama, Y. See *Mizuno-Kamiya, Yashiro, and Fujita*, 205
 Kamihira, M. See *Yamada, Hamamoto, and Iijima*, 1017
 Kamiryō, T. See *Bun-ya, Maebuchi, Kurosawa, Sato, Tohma, Jiang, and Hashimoto*, 347
 Kamiya, T., Kobayashi, Y., Kanaoka, K., Nakashima, T., Kato, Y., Mizuno, A., and Sakai, H. Fluorescence Microscopic Demonstration of Cathepsin K Activity as the Major Lysosomal Cysteine Proteinase in Osteoclasts, 752
 Kanai, M. See *Yamauchi, Kiyonami, and Taniguchi*, 760
 Kanaoka, K. See *Kamiya, Kobayashi, Nakashima, Kato, Mizuno, and Sakai*, 752
 Kaneda, N. See *Akhter, Ichihara-Tanaka, Kojima, Muramatsu, Inui, Kimura, Talukder, Kadomatsu, Inagaki, and Muramatsu*, 1127
 Kannan, Y. See *Kimura, Moriyama, Nishisako, Shiota, Sakurada, Musashi, and Sugano*, 142
 Karaki, H. See *Saito, Watabe, Ozaki, Kobayashi, Suzuki, Kobayashi, and Fusetani*, 571
 Kariya, Y., Herrmann, J., Suzuki, K., Isomura, T., and Ishihara, M. Disaccharide Analysis of Heparin and Heparan Sulfate Using Deaminative Cleavage with Nitrous Acid and Subsequent Labeling with Paranitrophenyl Hydrazine, 240
 Kashiwagi, A. See *Obata, Maegawa, Pillay, and Kikkawa*, 813
 Kashiwagi, M. See *Mikami, Tsuchihashi, Daino, Akino, and Gasa*, 487
 —. See *Mikami, Tsuchihashi, Akino, and Gasa*, 906
 Katayama, K. See *Kawabe, Kodaki, Okamura, Mori, and Yamashita*, 870
 Kato, Hiroaki. See *Shibata and Oda*, 136
 Kato, Hisao. See *Sato, Kokame, Shimokado, and Miyata*, 1119
 Kato, I. See *Mitta, Miyagi, and Tsunasawa*, 924
 —. See *Asada, Uemori, Ueno, Hashino, Koyama, and Kawamura*, 1041
 Kato, K. See *Kobayashi, Morioka, Torizawa, Shimada, Nikaido, and Ohtsuka*, 182
 Kato, M. See *Segawa, Yamashita, and Taira*, 1064
 Kato, Y. See *Kamiya, Kobayashi, Kanaoka, Nakashima, Mizuno, and Sakai*, 752
 Kawabata, S. See *Iwanaga and Muta*, 1
 Kawabe, K., Kodaki, T., Katayama, K., Okamura, S., Mori, M., and Yamashita, S. Identification of Lipid Inhibitor of Mammalian Phospholipase D, 870
 Kawagishi, I. See *Nishioka, Furuno, and Homma*, 1169
 Kawahara, M. See *Oshiro, Mika, Muramoto, Kobayashi, Ishige, Nozawa, Hori, Yung, Kitajima, and Kuroda*, 42
 Kawai, J. See *Minami, Uchiyama, Murakami, Mikami, Yamada, Yokoi, Ito, Matsui, and Honma*, 1112
 Kawakami, Y. See *Hirokawa, Sakae, Furuya, Ishii, Hasegawa, Tagami, Sakai, Nishi, and Nishihira*, 733
 Kawakita, M. See *Sun-Wada, Yoshioka, and Ishida*, 912
 —, Ishida, N., Miura, N., Sun-Wada, G.-H., and Yoshioka, S. Nucleotide Sugar Transporters: Elucidation of Their Molecular Identity and Its Implication for Future Studies, 777
 Kawamoto, S. See *Miyajima, Hata, Fukushima, Okuda, Shibano, and Morihara*, 24
 Kawamura, A. See *Asada, Uemori, Ueno, Hashino, Koyama, and Kato*, 1041
 Kawano, K. See *Abe, Ueda, Tanaka, and Imoto*, 313
 Kawarada, Y., Miura, N., and Sugiyama, T. Antibody against Single-Stranded DNA Useful for Detecting Apoptotic Cells Recognizes Hexadeoxynucleotides with Various Base Sequences, 492
 Kawashima, S. See *Yajima, Akita, and Saito*, 1024
 Kaya, S. See *Tsuda, Funatsu, Hayashi, and Taniguchi*, 169
 Kaziro, Y. See *Tago and Satoh*, 659
 Kazusaka, A. See *Tasaki, Nakamura, Itoh, Ohashi, Yamamoto, Masuda, Iwata, Kamataki, and Fujita*, 162
 —. See *Tasaki, Iwata, and Fujita*, 747
 Kienle, M.G. See *Rauli, Puppo, and Magni*, 918
 Kikkawa, R. See *Obata, Maegawa, Kashiwagi, and Pillay*, 813
 Kim, H. See *Ryu and Han*, 55
 Kim, H.J. See *Lee, Kim, Lee, Lee, Park, and Choe*, 47
 Kim, J.W. See *Lee, Lee, Kim, Lee, Park, and Choe*, 47
 Kimoto, H. See *Tanaka, Saito, and Taketo*, 821
 Kimura, H. See *Miki, Kobayashi, Hagiwara, Hai, and Maeda*, 324
 —. See *Miki, Miura, Sano, Kondo, Ishida, and Maeda*, 1104
 Kimura, K., Moriyama, M., Nishisako, M., Kannan, Y., Shiota, M., Sakurada, K., Musashi, M., and Sugano, T. Modulation of Platelet Activating Factor-Induced Glycogenolysis in the Perfused Rat Liver after Administration of Endotoxin *In Vivo*, 142
 Kimura, T. See *Akhter, Ichihara-Tanaka, Kojima, Muramatsu, Inui, Kaneda, Talukder, Kadomatsu, Inagaki, and Muramatsu*, 1127
 Kimura, Y., Nakazawa, M., and Yamada, M. Cloning and Characterization of Three Isoforms of OS-9 cDNA and Expression of the OS-9 Gene in Various Human Tumor Cell Lines, 876
 Kinoshita, M. See *Liang, Muto, Fujimaki, Matsuki, Saito, Yamanaka, and Teramoto*, 28
 Kise, H. See *Hamada, Fujita, Jigami, and Taira*, 684
 Kiso, M. See *Hata, Wada, Hasegawa, and Miyagi*, 899
 Kita, K. See *Mitsutake, Nakagawa, and Ito*, 859
 Kitadokoro, K., Hagishita, S., Sato, T., Ohtani, M., and Miki, K. Crystal Structure of Human Secretory Phospholipase A₂-IIA Complex with the Potent Indolizine Inhibitor 120-1032, 619
 Kitajima, S. See *Oshiro, Kawahara, Mika, Muramoto, Kobayashi, Ishige, Nozawa, Hori, Yung, and Kuroda*, 42
 Kitamoto, K. See *Ho, Wakatsuki, Arioka, and Yamasaki*, 332
 Kitamura, M., Sagara, T., Taniguchi, M., Ashida, M., Ezoe, K., Kohno, K., Kojima, S., Ozawa, K., Akutsu, H., Kumagai, I., and Nakaya, T. Cloning and Expression of the Gene Encoding Flavodoxin from *Desulfovibrio vulgaris* (Miyazaki F), 891
 Kiyonami, R. See *Yamauchi, Kanai, and*

K (cont'd)

- Taniguchi, 760
 Kloetzel, P.-M. See *Sitte and Dubiel*, 408
 Kobayashi, Haruo. See *Saito, Watabe, Ozaki, Kobayashi, Suzuki, Fusetani, and Karaki*, 571
 Kobayashi, Hiroyuki, Morioka, H., Torizawa, T., Kato, K., Shimada, I., Nikaido, O., and Ohtsuka, E. Specificities and Rates of Binding of Anti-(6-4) Photoproduct Antibody Fragments to Synthetic Thymine Photoproducts, 182
 Kobayashi, Kazukiyo. See *Tsuchida, Aki-moto, and Usui*, 715
 Kobayashi, Kazuo. See *Oshiro, Kawahara, Mika, Muramoto, Ishige, Nozawa, Hori, Yung, Kitajima, and Kuroda*, 42
 Kobayashi, Keiko. See *Yoshino-Yasuda, Akiyama, Itoh, Tomomura, and Saheki*, 546
 Kobayashi, M. See *Saito, Watabe, Ozaki, Suzuki, Kobayashi, Fusetani, and Karaki*, 571
 Kobayashi, S., Okumura, N., Okada, M., and Nagai, K. Depolarization-Induced Tyrosine Phosphorylation of p130^{cas}, 624
 Kobayashi, T. See *Miki, Kimura, Hagiwara, Hai, and Maeda*, 324
 Kobayashi, Y. See *Kamiya, Kanaoka, Naka-shima, Kato, Mizuno, and Sakai*, 752
 Kodaki, T. See *Kawabe, Katayama, Okamura, Mori, and Yamashita*, 870
 Kodama, H. See *Jelokhani-Niaraki, Naka-shima, and Kondo*, 790
 Kodama, T. See *Shimokawa, Goto, Ida, Goto, and Nishijima*, 596
 —. See *Jinnouchi, Sano, Nagai, Hakamata, Suzuki, Yoshida, Ueda, and Horiuchi*, 1208
 Koh, Y.H. See *Suzuki, Mizuno, Hamaoka, and Taniguchi*, 353
 Kohno, K. See *Kitamura, Sagara, Taniguchi, Ashida, Ezoe, Kojima, Ozawa, Akutsu, Kumagai, and Nakaya*, 891
 Kohno, M. See *Hashimoto, Yokoyama, Matsuo, Toyohara, and Sakaguchi*, 1031
 Koike, T., Kondo, K., Makita, T., Kajiyama, K., Yoshida, T., and Morikawa, M. Intracellular Localization of Migration Inhibitory Factor-Related Protein (MRP) and Detection of Cell Surface MRP Binding Sites on Human Leukemia Cell Lines, 1079
 Kojima, Shuichi. See *Kitamura, Sagara, Taniguchi, Ashida, Ezoe, Kohno, Ozawa, Akutsu, Kumagai, and Nakaya*, 891
 Kojima, Soichi. See *Akhter, Ichihara-Tanaka, Muramatsu, Inui, Kimura, Kaneda, Talukder, Kadomatsu, Inagaki, and Muramatsu*, 1127
 Kokame, K. See *Sato, Shimokado, Kato, and Miyata*, 1119
 Kolkman, M.A.B., van der Zeijst, B.A.M., and Nuijten, P.J.M. Diversity of Capsular Polysaccharide Synthesis Gene Clusters in *Streptococcus pneumoniae*, 937
 Komeno, T. See *Kuroha, Takahashi, Itoh, Nagasawa, and Yamamoto*, 376
 Kondo, H. See *Miki, Miura, Sano, Kimura, Ishida, and Maeda*, 1104
 Kondo, K. See *Koike, Makita, Kajiyama, Yoshida, and Morikawa*, 1079

- Kondo, M. See *Jelokhani-Niaraki, Naka-shima, and Kodama*, 790
 Konishi, K. See *Hanzawa, Haruyama, Watanabe, and Tsurufuji*, 62
 Konomi, H. See *Hazeki, Yamato, Imamura, Sasaki, Nakazato, Yamamoto, and Haya-shi*, 587
 Kornetzky, L. See *Borowski and Laufs*, 380
 Koyama, N. See *Asada, Uemori, Ueno, Hashino, Kawamura, and Kato*, 1041
 Koyama, T. See *Ohnuma, Hemmi, Ogura, and Nishino*, 1036
 Kudo, N., Nishiyama, M., Sasaki, H., Abe, K., Arai, S., and Tanokura, M. Crystallization and Preliminary X-Ray Diffraction Studies of a Rice Cysteine Proteinase Inhibitor, Oryzacystatin-I, 568
 Kumagai, I. See *Kitamura, Sagara, Taniguchi, Ashida, Ezoe, Kohno, Kojima, Ozawa, Akutsu, and Nakaya*, 891
 Kume, S. See *Hisano, Yatomi, Fujino, Igarashi, and Ozaki*, 263
 Kuramitsu, S. See *Mikawa and Masui*, 450
 Kurasawa, Y. See *Watanabe, Watanabe, and Numata*, 607
 Kuroda, M. See *Xu, Zhou, and Rosen*, 16
 Kuroda, Y. See *Oshiro, Kawahara, Mika, Muramoto, Kobayashi, Ishige, Nozawa, Hori, Yung, and Kitajima*, 42
 Kuroha, T., Takahashi, S., Komeno, T., Itoh, K., Nagasawa, T., and Yamamoto, M. Ablation of Nrf2 Function Does Not Increase the Erythroid or Megakaryocytic Cell Lineage Dysfunction Caused by p45 NF-E2 Gene Disruption, 376
 Kurosawa, T. See *Bun-ya, Maebuchi, Kami-ryo, Sato, Tohma, Jiang, and Hashimoto*, 347
 Kurosawa, Y. See *Yasui and Ito*, 827
 —. See *Ito*, 832
 Kuzuya, K. See *Inouye and Tonomura*, 847

L

- Lanyi, J.K. See *Yamaguchi, Tuzi, Seki, Tani, Needleman, Naito, and Saito*, 78
 Laufs, R. See *Borowski and Kornetzky*, 380
 Lee, K.S. See *Lee, Kim, Lee, Kim, Park, and Choe*, 47
 Lee, S.M. See *Lee, Kim, Kim, Lee, Park, and Choe*, 47
 Lee, Y., Kim, J.W., Lee, S.M., Kim, H.J., Lee, K.S., Park, C., and Choe, I.S. Cloning and Expression of Human Adenylate Kinase 2 Isozymes: Differential Expression of Adenylate Kinase 1 and 2 in Human Muscle Tissues, 47
 Li, Y.-K., Hsu, H.-S., Chang, L.-F., and Chen, G. New Imidazoles as Probes of the Active Site Topology and Potent Inhibitors of β -Glucosidase, 416
 Liang, J.F. and Akaike, T. Protective Effect of Linoleic Acid on IFN γ -Induced Cellular Injury in Primary Culture Hepatocytes, 213
 Liang, Y.-Q., Kinoshita, M., Muto, T., Fujimaki, Y., Matsuki, N., Saito, H., Yamana, M., and Teramoto, T. Defect in an Intrahepatic Degradation of Apolipoprotein B in Suncus: An Animal Model of Hypobetalipoproteinemia, 28
 Liao, T.-H. See *Matsuzaki, Ueno, and Haya-shi*, 701

M

- Madoiwa, S. See *Arai, Mimuro, Asakura, Matsuda, Sako, and Sakata*, 71
 Maeda, Y. See *Miki, Kobayashi, Kimura, Hagiwara, and Hai*, 324
 —. See *Miki, Miura, Sano, Kimura, Kondo, and Ishida*, 1104
 Maebuchi, M. See *Bun-ya, Kami-ryo, Kuro-sawa, Sato, Tohma, Jiang, and Hashimoto*, 347
 Maeda, K. See *Fujisawa, Matsumoto, Muramatsu, Shinzato, Hiramatsu, Horie, Cai, Oka, Amano, and Muramatsu*, 864
 Maeda, Masatomo. See *Inoue and Sato*, 1191
 Maeda, Miki, Hosomi, S., Mizoguchi, T., and Nishihara, T. D-Erythrulose Reductase Can Also Reduce Diacetyl: Further Purification and Characterization of D-Erythrulose Reductase from Chicken Liver, 602
 Maeda, N. See *Nishiwaki and Noda*, 458
 Maegawa, H. See *Obata, Kashiwagi, Pillay, and Kikkawa*, 813
 Magni, F. See *Rauli, Puppo, and Kienle*, 918
 Majumdar, A. and Sonawat, H.M. A Two-Dimensional ¹H Detected ¹³C NMR Investigation of Pyruvate Metabolism in *Halobacterium salinarium*, 115
 Makita, T. See *Koike, Kondo, Kajiyama, Yoshida, and Morikawa*, 1079
 Masuda, M. See *Tasaki, Nakamura, Itoh, Ohashi, Yamamoto, Iwata, Kazusaka, Kamataki, and Fujita*, 162
 Masui, R. See *Mikawa and Kuramitsu*, 450
 Matsuda, M. See *Arai, Madoiwa, Mimuro, Asakura, Sako, and Sakata*, 71
 Matsuda, T. See *Sai, Arai, and Ohkuma*, 630
 —. See *Arai, Sai, and Ohkuma*, 637
 Matsuda, Y. See *Yamashita, Fukuta, Tsuji, Nagabukuro, Nishikawa, Ohyama, Ohmori, Ono, and Takai*, 358
 Matsugi, J., Murao, K., and Ishikura, H. Effect of *B. subtilis* rRNA^{TP} on Read-through Rate at an Opal UGA Codon, 853
 Matsui, H. See *Minami, Uchiyama, Murahama, Kawai, Mikami, Yamada, Yokoi, Ito, and Honma*, 1112
 Matsui, T. See *Tsuchiya, Kamei, Takano, and Yamada*, 499
 Matsuki, N. See *Liang, Kinoshita, Muto, Fujimaki, Saito, Yamanaka, and Teramoto*, 28
 Matsumoto, A. See *Sakamoto, Suzuki, Ta-kiya, Yoshimura, Imai, and Nakamura*, 399
 Matsumoto, I., Abe, K., Arai, S., and Emori, Y. Functional Expression and Enzymatic Properties of Two *Sitophilus zeamais* Cysteine Proteinases Showing Different Autolytic Processing Profiles *In Vitro*, 693
 Matsumoto, Masaki, Yamaguchi, T., Fukumaki, Y., Yasunaga, R., and Terada, S. High Pressure Induces G2 Arrest in Murine Erythroleukemia Cells, 87
 Matsumoto, Misako. See *Hatanaka, Seya, Miyagawa, Hara, Tanaka, and Shimizu*, 579
 Matsumoto, Y. See *Fujisawa, Muramatsu, Shinzato, Hiramatsu, Horie, Cai, Oka, Amano, Muramatsu, and Maeda*, 864
 Matsumura, T. See *Nakamichi, Rhoads, Hayashi, and Kagawa*, 392

M (cont'd)

- Matsunaga, S. See *Wada, Saito, Fusetani, and Watabe*, 946
- Matsuo, H. See *Nishimura, Nakamura, and Sugiyama*, 247
- Matsuo, Y. See *Hashimoto, Yokoyama, Toyohara, Kohno, and Sakaguchi*, 1031
- Matsushima, N., Izumi, Y., and Aoba, T. Small-Angle X-Ray Scattering and Computer-Aided Molecular Modeling Studies of 20 kDa Fragment of Porcine Amelogenin: Does Amelogenin Adopt an Elongated Bundle Structure?, 150
- Matsuyama, S. See *Uno, Nakamura, Ohmagari, Seki, and Ariga*, 806
- Matsuzaki, H., Ueno, H., Hayashi, R., and Liao, T.-H. Bovine Spleen Cathepsin A: Characterization and Comparison with the Protective Protein, 701
- Matsuzawa, H. See *Ibuka, Tonozuka, and Sakai*, 275
- Mayanagi, K. See *Hiromasu, Aso, Inoue, Fujisawa, Meno, and Ueki*, 564
- McTavish, H. Hydrogen Evolution by Direct Electron Transfer from Photosystem I to Hydrogenases, 644
- Meno, K. See *Hiromasu, Aso, Mayanagi, Inoue, Fujisawa, and Ueki*, 564
- Mihara, K. See *Ishihara*, 722
- Mika, S. See *Oshiro, Kawahara, Muramoto, Kobayashi, Ishige, Nozawa, Hori, Yung, Kitajima, and Kuroda*, 42
- Mikami, K. See *Minami, Uchiyama, Murakami, Kawai, Yamada, Yokoi, Ito, Matsui, and Honma*, 1112
- Mikami, T., Kashiwagi, M., Tsuchihashi, K., Akino, T., and Gasa, S. Substrate Specificity and Some Other Enzymatic Properties of Dihydroceramide Desaturase (Ceramide Synthase) in Fetal Rat Skin, 906
- Mikami, T., Kashiwagi, M., Tsuchihashi, K., Daino, T., Akino, T., and Gasa, S. Further Characterization of Equine Brain Gangliosides: The Presence of GM3 Having N-Glycolyl Neuraminic Acid in the Central Nervous System, 487
- Mikawa, T., Masui, R., and Kuramitsu, S. RecA Protein Has Extremely High Cooperativity for Substrate in Its ATPase Activity, 450
- Miki, K. See *Kitadokoro, Hagishita, Sato, and Ohtani*, 619
- Miki, M., Kobayashi, T., Kimura, H., Hagiwara, A., Hai, H., and Maéda, Y. Ca²⁺-Induced Distance Change between Points on Actin and Troponin in Skeletal Muscle Thin Filaments Estimated by Fluorescence Energy Transfer Spectroscopy, 324
- Miki, M., Miura, T., Sano, K.-I., Kimura, H., Kondo, H., Ishida, H., and Maéda, Y. Fluorescence Resonance Energy Transfer between Points on Tropomyosin and Actin in Skeletal Muscle Thin Filaments: Does Tropomyosin Move?, 1104
- Mimori, T. See *Tsuchiya, Saégusa, Taira, Iguchi-Arigo, and Ariga*, 120
- Mimuro, J. See *Arai, Madoiwa, Asakura, Matsuda, Sako, and Sakata*, 71
- Minami, R., Uchiyama, K., Murakami, T., Kawai, J., Mikami, K., Yamada, T., Yokoi, D., Ito, H., Matsui, H., and Honma, M. Properties, Sequence, and Synthesis in *Escherichia coli* of 1-Aminocyclopropane-1-Carboxylate Deaminase from *Hansenula saturnus*, 1112
- Misono, H. See *Ashiuuchi, Tani, and Soda*, 1156
- Misumi, Y. See *Shibata, Fukushi, Igarashi, Ikehara, Ohashi, and Oda*, 968
- Mita, T. See *Saka*, 798
- Mitsui, K. See *Nakamura, Sekino-Suzuki, and Ohno-Iwashita*, 1145
- Mitsutake, S., Kita, K., Nakagawa, T., and Ito, M. Enzymatic Synthesis of ¹⁴C-Glycosphingolipids by Reverse Hydrolysis Reaction of Sphingolipid Ceramide N-Deacylase: Detection of Endoglycosylceramidase Activity in a Seaflower, 859
- Mitta, M., Miyagi, M., Kato, I., and Tsunasawa, S. Identification of the Catalytic Triad Residues of Porcine Liver Acylamino Acid-Releasing Enzyme, 924
- Miura, Naoyuki. See *Kawarada and Sugiyama*, 492
- Miura, Nobuhiko. See *Kawakita, Ishida, Sun-Wada, and Yoshioka*, 777
- Miura, T. See *Miki, Sano, Kimura, Kondo, Ishida, and Maéda*, 1104
- Miwa, M. See *Akiyama, Sugatani, Suzuki, and Suzuki*, 786
- Miyagawa, S. See *Hatanaka, Seya, Matsumoto, Hara, Tanaka, and Shimizu*, 579
- Miyagi, M. See *Mitta, Kato, and Tsunasawa*, 924
- Miyagi, T. See *Hata, Wada, Hasegawa, and Kiso*, 899
- Miyajima, A. See *Furusawa, Yanai, Hara, and Obinata*, 101
- Miyajima, Y., Hata, Y., Fukushima, J., Kawamoto, S., Okuda, K., Shibano, Y., and Morihara, K. Long-Range Effect of Mutation of Calcium Binding Aspartates on the Catalytic Activity of Alkaline Protease from *Pseudomonas aeruginosa*, 24
- Miyata, T. See *Sato, Kokame, Shimokado, and Kato*, 1119
- Mizoguchi, T. See *Maeda, Hosomi, and Nishihara*, 602
- Mizuno, A. See *Kamiya, Kobayashi, Kanooka, Nakashima, Kato, and Sakai*, 752
- Mizuno, H. See *Suzuki, Koh, Hamaoka, and Taniguchi*, 353
- Mizuno, S. See *Agakawa and Ishii*, 226
- Mizuno, T. His-Asp Phosphotransfer Signal Transduction, 555
- Mizuno-Kamiya, M., Kameyama, Y., Yashiro, K., and Fujita, A. ATP-Mediated Activation of Ca²⁺-Independent Phospholipase A₂ in Secretory Granular Membranes from Rat Parotid Gland, 205
- Mizushima, T. See *Hase, Ishikawa, Sekimizu, and Tsuchiya*, 680
- Momota, R. See *Sado, Kagawa, Naito, Ueki, Seki, Ohashi, and Ninomiya*, 767
- Mori, M. See *Kawabe, Kodaki, Katayama, Okamura, and Yamashita*, 870
- Morihara, K. See *Miyajima, Hata, Fukushima, Kawamoto, Okuda, and Shibano*, 24
- Morikawa, M. See *Koike, Kondo, Makita, Kajiyama, and Yoshida*, 1079
- Morino, S. See *Nishi, Tomoo, Youtani, and Ishida*, 157
- Morioka, H. See *Kobayashi, Torizawa, Kato, Shimada, Nikaïdo, and Ohtsuka*, 182
- Moriyama, M. See *Kimura, Nishisako, Kannan, Shiota, Sakurada, Musashi, and Sugano*, 142
- Motizuki, M., Itoh, T., Yamada, M., Shimamura, S., and Tsurugi, K. Purification, Primary Structure, and Antimicrobial Activities of Bovine Apolipoprotein A-II, 675
- Mukouyama, E.B., Hirose, T., and Suzuki, H. Chemical Modification of L-Phenylalanine Oxidase from *Pseudomonas* sp. P-501 by Phenylglyoxal. Identification of One Essential Arginyl Residue, 1097
- Munro, S.L.A. See *Oxley, Craik, and Bacic*, 978
- Murakami, M. See *Isashi, Yamashita, Nagasawa, Tanaka, and Uede*, 959
- Murakami, T. See *Minami, Uchiyama, Kawai, Mikami, Yamada, Yokoi, Ito, Matsui, and Honma*, 1112
- Muraki, T. See *Tsukahara, Urakawa, Hattori, Hirai, Ohba, Yoshioka, and Sakaki*, 1055
- Muramatsu, H. See *Fujisawa, Matsumoto, Shinzato, Hiramatsu, Horie, Cai, Oka, Amano, Muramatsu, and Maeda*, 864
- See *Akhter, Ichihara-Tanaka, Kojima, Inui, Kimura, Kaneda, Talukder, Kadomatsu, Inagaki, and Muramatsu*, 1127
- Muramatsu, T. See *Yokota, Takahashi, Eisaki, Asashima, Akhter, and Kadomatsu*, 339
- See *Fujisawa, Matsumoto, Muramatsu, Shinzato, Hiramatsu, Horie, Cai, Oka, Amano, and Maeda*, 864
- See *Akhter, Ichihara-Tanaka, Kojima, Muramatsu, Inui, Kimura, Kaneda, Talukder, Kadomatsu, and Inagaki*, 1127
- Muramoto, K. See *Oshiro, Kawahara, Mika, Kobayashi, Ishige, Nozawa, Hori, Yung, Kitajima, and Kuroda*, 42
- Murao, K. See *Matsugi and Ishikura*, 853
- Murata, T. See *Takada, Ogawa, Saito, and Usui*, 508
- Musashi, M. See *Kimura, Moriyama, Nishisako, Kannan, Shiota, Sakurada, and Sugano*, 142
- Muta, T. See *Iwanaga and Kawabata*, 1
- Muto, T. See *Liang, Kinoshita, Fujimaki, Matsuki, Saito, Yamanaka, and Teramoto*, 28
- Mutoh, N. See *Nakagawa and Yamada*, 1048

N

- Nagabukuro, A. See *Yamashita, Fukuta, Tsuji, Matsuda, Nishikawa, Ohyama, Ohmori, Ono, and Takai*, 358
- Nagai, K. See *Kobayashi, Okumura, and Okada*, 624
- Nagai, R. See *Jinnouchi, Sano, Hakamata, Kodama, Suzuki, Yoshida, Ueda, and Horiuchi*, 1208
- Nagaoka, K. See *Hemmi, Ohnuma, and Nishino*, 1088
- Nagasawa, S. See *Isashi, Yamashita, Tanaka, Murakami, and Uede*, 959
- See *Yamashita, Kairiyama, and Araki*, 1199

N (cont'd)

- Nagasawa, T. See *Kuroha, Takahashi, Kome-no, Itoh, and Yamamoto*, 376
- Nagata, K. See *Yoshinari, Ogino, Fujita, Shiraga, Iwasaki, Hata, and Yamazoe*, 479
— See *Yoshinari, Shiraga, Iwasaki, Hata, Ogino, Ueda, Fujita, Shimada, and Yamazoe*, 740
- Naito, A. See *Yamaguchi, Tuzi, Seki, Tanio, Needleman, Lanyi, and Saitō*, 78
- Naito, I. See *Sado, Kagawa, Ueki, Seki, Momota, Oohashi, and Ninomiya*, 767
- Nakagawa, C.W., Yamada, K., and Mutoh, N. Two Distinct Upstream Regions Are Involved in Expression of the Catalase Gene in *Schizosaccharomyces pombe* in Response to Oxidative Stress, 1048
- Nakagawa, T. See *Mitsutake, Kita, and Ito*, 859
- Nakajima, Y., Fujiwara, T., and Fukumori, Y. Purification and Characterization of a [3Fe-4S][4Fe-4S] Type Ferredoxin from Hyperthermophilic Archaeon *Pyrobaculum islandicum*, 521
- Nakakita, S., Natsuka, S., Ikenaka, K., and Hase, S. Development-Dependent Expression of Complex-Type Sugar Chains Specific to Mouse Brain, 1164
- Nakamichi, N., Rhoads, D.D., Hayashi, J.-I., Kagawa, Y., and Matsumura, T. Detection, Localization, and Sequence Analyses of Mitochondrial Regulatory Region RNAs in Several Mammalian Species, 392
- Nakamura, Akiko. See *Nishimura, Matsuo, and Sugiyama*, 247
- Nakamura, Akio. See *Tasaki, Itoh, Ohashi, Yamamoto, Masuda, Iwata, Kazusaka, Kamataki, and Fujita*, 162
- Nakamura, Masaru. See *Uno, Ohmagari, Matsuyama, Seki, and Ariga*, 806
- Nakamura, Megumi, Sekino-Suzuki, N., Mitsui, K., and Ohno-Iwashita, Y. Contribution of Tryptophan Residues to the Structural Changes in Perfringolysin O during Interaction with Liposomal Membranes, 1145
- Nakamura, S. See *Sakamoto, Suzuki, Takiya, Yoshimura, Imai, and Matsumoto*, 399
- Nakamura, T. See *Watanabe, Tsuda, Yamada, Shibata, and Sugahara*, 283
- Nakashima, K. See *Jelokhani-Niaraki, Kodama, and Kondo*, 790
- Nakashima, N. See *Shiomi, Fukushima, Suzuki, Noguchi, and Nishimoto*, 883
- Nakashima, T. See *Kamiya, Kobayashi, Kanaoka, Kato, Mizuno, and Sakai*, 752
- Nakashizuka, M. See *Yamamoto and Terada*, 94
- Nakatani, A. See *Ikeuchi, Yamada, Itokazu, Awaya, and Hatanaka*, 423
—, Yamada, M., Asada, A., Okada, M., Ikeuchi, T., and Hatanaka, H. Comparison of Survival-Promoting Effects of Brain-Derived Neurotrophic Factor and Neurotrophin-3 on PC12h Cells Stably Expressing TrkB Receptor, 707
- Nakaya, T. See *Kitamura, Sagara, Taniguchi, Ashida, Ezoe, Kohno, Kojima, Ozawa, Akutsu, and Kumagai*, 891
- Nakayama, K. See *Abe, Kadowaki, Okamoto, Ohishi, and Yamamoto*, 305
- Nakazato, K. See *Hazeki, Yamato, Imamura, Sasaki, Yamamoto, Konomi, and Hayashi*, 587
- Nakazawa, A. See *Nobumoto, Yamada, Song, and Inouye*, 128
- Nakazawa, M. See *Kimura and Yamada*, 876
- Natori, S. See *Ishino, Ohtsuki, and Homma*, 540
- Natsuka, S. See *Nakakita, Ikenaka, and Hase*, 1164
- Needleman, R. See *Yamaguchi, Tuzi, Seki, Tanio, Lanyi, Naito, and Saitō*, 78
- Nikaido, O. See *Kobayashi, Morioka, Torizawa, Kato, Shimada, and Ohtsuka*, 182
- Ninomiya, Y. See *Sado, Kagawa, Naito, Ueki, Seki, Momota, and Oohashi*, 767
- Nishi, N., Morino, S., Tomoo, K., Youtani, T., and Ishida, T. Expression of a Synthetic Gene for Initiation Factor 4E-Binding Protein 1 in *Escherichia coli* and Its Interaction with eIF-4E and eIF-4E-m⁷GTP Complex, 157
- Nishi, S. See *Hirokawa, Sakaue, Furuya, Ishii, Hasegawa, Tagami, Kawakami, Sakai, and Nishihira*, 733
- Nishihara, T. See *Maeda, Hosomi, and Mizoguchi*, 602
- Nishihira, J. See *Hirokawa, Sakaue, Furuya, Ishii, Hasegawa, Tagami, Kawakami, Sakai, and Nishi*, 733
- Nishijima, S. See *Shimokawa, Goto, Ida, Goto, and Kodama*, 596
- Nishikawa, Y. See *Yamashita, Fukuta, Tsuji, Nagabukuro, Matsuda, Ohyama, Ohmori, Ono, and Takai*, 358
- Nishimoto, T. See *Shiomi, Fukushima, Suzuki, Nakashima, and Noguchi*, 883
- Nishimura, I., Uchida, M., Inohana, Y., Setoh, K., Daba, K., Nishimura, S., and Yamaguchi, H. Oxidative Refolding of Bovine Pancreatic RNases A and B Promoted by Asn-Glycans, 516
- Nishimura, M., Matsuo, H., Nakamura, A., and Sugiyama, M. Purification and Characterization of a Puromycin-Hydrolyzing Enzyme from Blastocidin S-Producing *Streptomyces morookaensis*, 247
- Nishimura, S. See *Nishimura, Uchida, Inohana, Setoh, Daba, and Yamaguchi*, 516
- Nishino, T. See *Ohnuma, Hemmi, Koyama, and Ogura*, 1036
— See *Hemmi, Ohnuma, and Nagaoka*, 1088
- Nishioka, N., Furuno, M., Kawagishi, I., and Homma, M. Flagellin-Containing Membrane Vesicles Excreted from *Vibrio alginolyticus* Mutants Lacking a Polar-Flagellar Filament, 1169
- Nishisako, M. See *Kimura, Moriyama, Kannan, Shiota, Sakurada, Musashi, and Sugano*, 142
- Nishiwaki, T., Maeda, N., and Noda, M. Characterization and Developmental Regulation of Proteoglycan-Type Protein Tyrosine Phosphatase ζ /RPTP β Isoforms, 458
- Nishiyama, C., Hi, R., Osada, S., and Osumi, T. Functional Interactions between Nuclear Receptors Recognizing a Common Sequence Element, the Direct Repeat Motif Spaced by One Nucleotide (DR-1), 1174
- Nishiyama, M. See *Kudo, Sasaki, Abe, Arai, and Tanokura*, 568
- Nobumoto, M., Yamada, M., Song, S., Inouye, S., and Nakazawa, A. Mechanism of Mitochondrial Import of Adenylate Kinase Isozymes, 128
- Noda, M. See *Nishiwaki and Maeda*, 458
- Noguchi, E. See *Shiomi, Fukushima, Suzuki, Nakashima, and Nishimoto*, 883
- Nokihara, K. See *Hori, Ohtani, and Hori*, 650
- Nozawa, K. See *Oshiro, Kawahara, Mika, Muramoto, Kobayashi, Ishige, Hori, Yung, Kitajima, and Kuroda*, 42
- Nucci, R. See *Fini, Coli, Floridi, D'Auria, Staiano, and Rossi*, 269
- Nuijten, P.J.M. See *Kolkman and van der Zeijst*, 937
- Numata, O. See *Watanabe, Kurasawa, and Watanabe*, 607

O

- Obata, T., Maegawa, H., Kashiwagi, A., Pillay, T.S., and Kikkawa, R. High Glucose-Induced Abnormal Epidermal Growth Factor Signaling, 813
- Obinata, M. See *Furusawa, Yanai, Hara, and Miyajima*, 101
- Oda, J. See *Shibata and Kato*, 136
- Oda, K. See *Shibata, Fukushi, Igarashi, Misumi, Ikehara, and Ohashi*, 968
- Oda, Y. See *Takenawa, Ishihama, and Iwakura*, 1137
- Ogata, K., Ohno, R., Terao, K., Iwasaki, K., and Endo, Y. ATPase Associated with Ribosomal 30S-5SRNP Particles and 40S Subunits of Rat Liver, 294
- Ogawa, K. See *Takada, Saito, Murata, and Usui*, 508
- Ogino, M. See *Yoshinari, Nagata, Fujita, Shiraga, Iwasaki, Hata, and Yamazoe*, 479
— See *Yoshinari, Nagata, Shiraga, Iwasaki, Hata, Ueda, Fujita, Shimada, and Yamazoe*, 740
- Ogura, K. See *Ohnuma, Hemmi, Koyama, and Nishino*, 1036
- Ohashi, K. See *Tasaki, Nakamura, Itoh, Yamamoto, Masuda, Iwata, Kazusaka, Kamataki, and Fujita*, 162
- Ohashi, Y. See *Shibata, Fukushi, Igarashi, Misumi, Ikehara, and Oda*, 968
- Ohba, K. See *Tsukahara, Urahara, Hattori, Hirai, Yoshioka, Sakaki, and Muraki*, 1055
- Ohishi, M. See *Abe, Kadowaki, Okamoto, Nakayama, and Yamamoto*, 305
- Ohkuma, S. See *Sai, Matsuda, and Arai*, 630
— See *Arai, Matsuda, and Sai*, 637
- Ohmae, E., Iriyama, K., Ichihara, S., and Gekko, K. Nonadditive Effects of Double Mutations at the Flexible Loops, Glycine-67 and Glycine-121, of *Escherichia coli* Dihydrofolate Reductase on Its Stability and Function, 33
- Ohmae, E., Ishimura, K., Iwakura, M., and Gekko, K. Effects of Point Mutations at the Flexible Loop Alanine-145 of *Escherichia coli* Dihydrofolate Reductase on Its Stability and Function, 839
- Ohmori, H. See *Yamashita, Fukuta, Tsuji, Nagabukuro, Matsuda, Nishikawa, Ohyama, Ono, and Takai*, 358
- Ohno, R. See *Ogata, Terao, Iwasaki, and Endo*, 294
- Ohno-Iwashita, Y. See *Nakamura, Sekino-*

O (cont'd)

- Suzuki, and Mitsui*, 1145
 Ohnuma, S. See *Hemmi, Nagaoka, and Nishino*, 1088
 —, *Hemmi, H., Koyama, T., Ogura, K., and Nishino, T.* Recognition of Allylic Substrates in *Sulfolobus acidocaldarius* Geranylgeranyl Diphosphate Synthase: Analysis Using Mutated Enzymes and Artificial Allylic Substrates, 1036
 Ohmagari, Y. See *Uno, Nakamura, Matsuyama, Seki, and Ariga*, 806
 Ohtani, M. See *Kitadokoro, Hagishita, Sato, and Miki*, 619
 Ohtani, S. See *Hori, Hori, and Nokihara*, 650
 Ohtsuka, E. See *Kobayashi, Morioka, Torizawa, Kato, Shimada, and Nikaido*, 182
 Ohtsuki, S. See *Ishino, Homma, and Natori*, 540
 Ohya, Y. See *Yamashita, Fukuta, Tsuji, Nagabukuro, Matsuda, Nishikawa, Ohmori, Ono, and Takai*, 358
 Oiwa, K., Yamaga, T., and Yamada, A. Direct Observation of a Central Bare Zone in a Native Thick Filament Isolated from the Anterior Byssus Retractor Muscle of *Mytilus edulis* Using Fluorescent ATP Analogue, 614
 Oka, H. See *Fujisawa, Matsumoto, Muramatsu, Shinzato, Hiramatsu, Horie, Cai, Amano, Muramatsu, and Maeda*, 864
 Okada, M. See *Kobayashi, Okumura, and Nagai*, 624
 —. See *Nakatani, Yamada, Asada, Ikeuchi, and Hatanaka*, 707
 Okamoto, K. See *Abe, Kadowaki, Nakayama, Ohishi, and Yamamoto*, 305
 Okamura, S. See *Kawabe, Kodaki, Katayama, Mori, and Yamashita*, 870
 Okuda, K. See *Miyajima, Hata, Fukushima, Kawamoto, Shibano, and Morihara*, 24
 Okumura, N. See *Kobayashi, Okada, and Nagai*, 624
 Omichi, K. and Hase, S. An Assay Method for Glycogen Debranching Enzyme Using New Fluorogenic Substrates and Its Application to Detection of the Enzyme in Mouse Brain, 932
 Omura, T. Mitochondria-Targeting Sequence, a Multi-Role Sorting Sequence Recognized at All Steps of Protein Import into Mitochondria, 1010
 Ono, M. See *Yamashita, Fukuta, Tsuji, Nagabukuro, Matsuda, Nishikawa, Ohya, Ohmori, and Takai*, 358
 Oohashi, T. See *Sado, Kagawa, Naito, Ueki, Seki, Momota, and Ninomiya*, 767
 Osada, S. See *Nishiyama, Hi, and Osumi*, 1174
 Oshiro, S., Kawahara, M., Mika, S., Muramoto, K., Kobayashi, K., Ishige, R., Nozawa, K., Hori, M., Yung, C., Kitajima, S., and Kuroda, Y. Aluminum Taken Up by Transferrin-Independent Iron Uptake Affects the Iron Metabolism in Rat Cortical Cells, 42
 Osumi, T. See *Nishiyama, Hi, and Osada*, 1174
 Oxley, D., Munro, S.L.A., Craik, D.J., and Bacic, A. Structure and Distribution of N-Glycans on the S₇-Allele Styler Self-Incompatibility Ribonuclease of *Nicotiana glauca*, 978
 Ozaki, H. See *Saito, Watabe, Kobayashi, Suzuki, Kobayashi, Fusetani, and Karaki*, 571
 Ozaki, Y. See *Hisano, Yatomi, Fujino, Igarashi, and Kume*, 263
 Ozawa, K. See *Kitamura, Sagara, Taniguchi, Ashida, Ezo, Kohno, Kojima, Akutsu, Kumagai, and Nakaya*, 891
- P
- Park, C. See *Lee, Kim, Lee, Kim, Lee, and Choe*, 47
 Pillay, T.S. See *Obata, Maegawa, Kashiwagi, and Kikkawa*, 813
 Pimenov, A.M. See *Siems, Esterbauer, and Grune*, 534
 Puppo, M.D. See *Rauli, Magni, and Kienle*, 918
- R
- Rauli, S., Puppo, M.D., Magni, F., and Kienle, M.G. Validation of Malondialdehyde and 4-Hydroxy-2-trans-Nonenal Measurement in Plasma by NICI-GC-MS, 918
 Reed, L.J. See *Toyoda, Suzuki, Sekiguchi, and Takenaka*, 668
 Rhoads, D.D. See *Nakamichi, Hayashi, Kagawa, and Matsumura*, 392
 Rosen, B.P. See *Xu, Zhou, and Kuroda*, 16
 Rossi, M. See *Fini, Coli, Floridi, D'Auria, Staiano, and Nucci*, 269
 Ryu, K.-S., Han, H.-S., and Kim, H. Interaction of Glucagon with Dimyristoylphosphatidylcholine in Vesicular and Discoidal Complexes, 55
- S
- Sado, Y., Kagawa, M., Naito, I., Ueki, Y., Seki, T., Momota, R., Oohashi, T., and Ninomiya, Y. Organization and Expression of Basement Membrane Collagen IV Genes and Their Roles in Human Disorders, 767
 Saegusa, Y. See *Tsuchiya, Taira, Mimori, Iguchi-Arigo, and Ariga*, 120
 Sagara, T. See *Kitamura, Taniguchi, Ashida, Ezo, Kohno, Kojima, Ozawa, Akutsu, Kumagai, and Nakaya*, 891
 Saheki, T. See *Yoshino-Yasuda, Kobayashi, Akiyama, Itoh, and Tomomura*, 546
 Sai, Y. See *Arai, Matsuda, and Ohkuma*, 637
 —, *Matsuda, T., Arai, K., and Ohkuma, S.* Disintegration of Lysosomes Mediated by GTP γ S-Treated Cytosol: Possible Involvement of Phospholipases, 630
 Saito, Hiroshi. See *Liang, Kinoshita, Muto, Fujimaki, Matsuki, Yamanaka, and Teramoto*, 28
 Saito, Hitoshi. See *Tanaka, Kimoto, and Taketo*, 821
 Saito, Sanshirou. See *Takada, Ogawa, Murata, and Usui*, 508
 Saito, Shin-ya. See *Wada, Matsunaga, Fusetani, and Watabe*, 946
 —, *Watabe, S., Ozaki, H., Kobayashi, M., Suzuki, T., Kobayashi, H., Fusetani, N., and Karaki, H.* Actin-Depolymerizing Effect of Dimeric Macrolides, Bistheonellide A and Swinholide A, 571
 Saito, T. See *Yajima, Akita, and Kawashima*, 1024
 Saito, H. See *Yamaguchi, Tuzi, Seki, Tanio, Needleman, Lanyi, and Naito*, 78
 Saka, Y. and Mita, T. Interaction of Amphotericin B with Cholesterol in Monolayers, Aqueous Solutions, and Phospholipid Bilayers, 798
 Sakaguchi, M. See *Hashimoto, Yokoyama, Matsuo, Toyohara, and Kohno*, 1031
 Sakai, Hideaki. See *Kamiya, Kobayashi, Kanaoka, Nakashima, Kato, and Mizuno*, 752
 Sakai, Hiroshi. See *Ibuka, Tonozuka, and Matsuzawa*, 275
 Sakai, M. See *Hirokawa, Sakaue, Furuya, Ishii, Hasegawa, Tagami, Kawakami, Nishi, and Nishihira*, 733
 Sakaki, Y. See *Tsukahara, Urakawa, Hattori, Hirai, Ohba, Yoshioka, and Muraki*, 1055
 Sakamoto, M.K., Suzuki, K., Takiya, S., Yoshimura, Y., Imai, T., Matsumoto, A., and Nakamura, S. Developmental Profiles of Phosphorylated and Unphosphorylated CREBs in Murine Calvarial MC3T3-E1 Cells, 399
 Sakata, Y. See *Arai, Madoiwa, Mimuro, Asakura, Matsuda, and Sako*, 71
 Sakaue, S. See *Hirokawa, Furuya, Ishii, Hasegawa, Tagami, Kawakami, Sakai, Nishi, and Nishihira*, 733
 Sako, T. See *Arai, Madoiwa, Mimuro, Asakura, Matsuda, and Sakata*, 71
 Sakuma, M., Kametani, S., and Akanuma, H. Purification and Some Properties of a Hepatic NADPH-Dependent Reductase That Specifically Acts on 1,5-Anhydro-D-Fructose, 189
 Sakurada, K. See *Kimura, Moriyama, Nishisako, Kannan, Shiota, Musashi, and Sugano*, 142
 Sano, H. See *Jinnouchi, Nagai, Hakamata, Kodama, Suzuki, Yoshida, Ueda, and Horiuchi*, 1208
 Sano, K.-I. See *Miki, Miura, Kimura, Kondo, Ishida, and Maeda*, 1104
 Sasaki, Hiroshi. See *Kudo, Nishiyama, Abe, Arai, and Tanokura*, 568
 Sasaki, Hiroyuki. See *Hatano, Eversole-Cire, Ferguson-Smith, Jones, and Surani*, 984
 Sasaki, K., Hattori, T., Fujisawa, T., Takahashi, K., Inoue, H., and Takigawa, M. Nitric Oxide Mediates Interleukin-1-Induced Gene Expression of Matrix Metalloproteinases and Basic Fibroblast Growth Factor in Cultured Rabbit Articular Chondrocytes, 431
 Sasaki, T. See *Hazeki, Yamato, Imamura, Nakazato, Yamamoto, Konomi, and Hayaishi*, 587
 Sato, M. See *Bun-ya, Maebuchi, Kamiryo, Kurosawa, Tohma, Jiang, and Hashimoto*, 347
 Sato, N., Kokame, K., Shimokado, K., Kato, H., and Miyata, T. Changes of Gene Expression by Lysophosphatidylcholine in Vascular Endothelial Cells: 12 Up-Regulated Distinct Genes Including 5 Cell Growth-Related, 3 Thrombosis-Related, and 4 Others, 1119
 Sato, R. See *Inoue and Maeda*, 1191
 Sato, T. See *Kitadokoro, Hagishita, Ohtani,*

S (cont'd)

- and Miki, 619
- Satoh, T. See *Tago and Kaziro*, 659
- Segawa, H., Kato, M., Yamashita, T., and Taira, H. The Roles of Individual Cysteine Residues of Sendai Virus Fusion Protein in Intracellular Transport, 1064
- Seki, Taiichirou. See *Uno, Nakamura, Ohmagari, Matsuyama, and Ariga*, 806
- Seki, Toshizo. See *Yamaguchi, Tuzi, Tanio, Needleman, Lanyi, Naito, and Saito*, 78
- Seki, Tsugio. See *Sado, Kagawa, Naito, Ueki, Momota, Oohashi, and Ninomiya*, 767
- Sekiguchi, T. See *Toyoda, Suzuki, Reed, and Takenaka*, 668
- Sekimizu, K. See *Hase, Ishikawa, Tsuchiya, and Mizushima*, 680
- Sekino-Suzuki, N. See *Nakamura, Mitsui, and Ohno-Iwashita*, 1145
- Setoh, K. See *Nishimura, Uchida, Inohana, Daba, Nishimura, and Yamaguchi*, 516
- Seya, T. See *Hatanaka, Miyagawa, Matsumoto, Hara, Tanaka, and Shimizu*, 579
- Shibano, Y. See *Miyajima, Hata, Fukushima, Kawamoto, Okuda, and Morihara*, 24
- Shibata, Hiroyuki, Kato, H., and Oda, J. Calcium Ion-Dependent Reactivation of a *Pseudomonas* Lipase by Its Specific Modulating Protein, LipB, 136
- Shibata, Hisanobu, Fukushi, M., Igarashi, A., Misumi, Y., Ikehara, Y., Ohashi, Y., and Oda, K. Defective Intracellular Transport of Tissue-Nonspecific Alkaline Phosphatase with an Ala¹⁶²→Thr Mutation Associated with Lethal Hypophosphatasia, 968
- Shibata, Y. See *Watanabe, Tsuda, Yamada, Nakamura, and Sugahara*, 283
- Shimada, I. See *Kobayashi, Morioka, Torizawa, Kato, Nikaido, and Ohtsuka*, 182
- Shimada, M. See *Yoshinari, Nagata, Shiraga, Iwasaki, Hata, Ogino, Ueda, Fujita, and Yamazoe*, 740
- Shimamura, S. See *Motizuki, Itoh, Yamada, and Tsurugi*, 675
- Shimizu, A. See *Hatanaka, Seya, Miyagawa, Matsumoto, Hara, and Tanaka*, 579
- Shimizu, T., Ishiguro, S., and Tamai, M. Isomerization of 11-*cis*-Retinol to All-*trans*-Retinol in Bovine Rod Outer Segments, 953
- Shimokado, K. See *Sato, Kokame, Kato, and Miyata*, 1119
- Shimokawa, T., Goto, S., Ida, M., Goto, M., Nishijima, S., and Kodama, T. Hypocholesterolemic Effects of the LDL Receptor Gene Transcriptional Upregulator CP-230821, 596
- Shinzato, T. See *Fujisawa, Matsumoto, Muramatsu, Hiramatsu, Horie, Cai, Oka, Amano, Muramatsu, and Maeda*, 864
- Shiomi, T., Fukushima, K., Suzuki, N., Nakashima, N., Noguchi, E., and Nishimoto, T. Human Dis3p, Which Binds to Either GTP- or GDP-Ran, Complements *Saccharomyces cerevisiae* dis3, 883
- Shiota, M. See *Kimura, Moriyama, Nishisako, Kannan, Sakurada, Musashi, and Sugano*, 142
- Shiraga, T. See *Yoshinari, Nagata, Ogino, Fujita, Iwasaki, Hata, and Yamazoe*, 479
- . See *Yoshinari, Nagata, Iwasaki, Hata, Ogino, Ueda, Fujita, Shimada, and Yamazoe*, 740
- Shiraishi, H. See *Ikawa and Inoue*, 528
- Shirakata, M. and Hirai, K. Identification of Minimal oriP of Epstein-Barr Virus Required for DNA Replication, 175
- Siems, W.G., Pimenov, A.M., Esterbauer, H., and Grune, T. Metabolism of 4-Hydroxynonenal, a Cytotoxic Lipid Peroxidation Product, in Thymocytes as an Effective Secondary Antioxidative Defense Mechanism, 534
- Sitte, N., Dubiel, W., and Kloetzel, P.-M. Evidence for a Novel ATP-Dependent Protease from the Rat Liver Mitochondrial Intermembrane Space: Purification and Characterization, 408
- Soda, K. See *Ashiuchi, Tani, and Misono*, 1156
- Sonawat, H.M. See *Majumdar*, 115
- Song, S. See *Nobumoto, Yamada, Inouye, and Nakazawa*, 128
- Staiano, M. See *Fini, Coli, Floridi, D'Auria, Nucci, and Rossi*, 269
- Stoltz, M. and Brandsch, R. The Conformational Change Induced by FAD in Covalently Flavinylated 6-Hydroxy-D-Nicotine Oxidase Does Not Require (8 α)FAD-(N₅)Histidyl Bond Formation, 445
- Suetake, I. See *Tajima*, 993
- Sugahara, K. See *Watanabe, Tsuda, Yamada, Shibata, and Nakamura*, 283
- Sugano, T. See *Kimura, Moriyama, Nishisako, Kannan, Shiota, Sakurada, and Musashi*, 142
- Sugatani, J. See *Akiyama, Suzuki, Suzuki, and Miwa*, 786
- Sugiyama, M. See *Nishimura, Matsuo, and Nakamura*, 247
- Sugiyama, T. See *Kawarada and Miura*, 492
- Sun-Wada, G.-H. See *Kawakita, Ishida, Miura, and Yoshioka*, 777
- , Yoshioka, S., Ishida, N., and Kawakita, M. Functional Expression of the Human UDP-Galactose Transporters in the Yeast *Saccharomyces cerevisiae*, 912
- Surani, M.A. See *Hatano, Eversole-Cire, Ferguson-Smith, Jones, and Sasaki*, 984
- Suzuki, A. See *Hashimoto, Suzuki, and Crocker*, 468
- Suzuki, Haruo. See *Mukoyama and Hirose*, 1097
- Suzuki, Hiroshi. See *Jinnouchi, Sano, Nagai, Hakamata, Kodama, Yoshida, Ueda, and Horiuchi*, 1208
- Suzuki, Kaoru. See *Toyoda, Sekiguchi, Reed, and Takenaka*, 668
- Suzuki, Keiichirou, Koh, Y.H., Mizuno, H., Hamaoka, R., and Taniguchi, N. Overexpression of Aldehyde Reductase Protects PC12 Cells from the Cytotoxicity of Methylglyoxal or 3-Deoxyglucosone, 353
- Suzuki, Kiyoshi. See *Kariya, Herrmann, Isomura, and Ishihara*, 240
- Suzuki, Kuniaki. See *Sakamoto, Takiya, Yoshimura, Imai, Matsumoto, and Nakamura*, 399
- Suzuki, M. See *Hashimoto, Crocker, and Suzuki*, 468
- Suzuki, N. See *Shiomi, Fukushima, Nakashima, Noguchi, and Nishimoto*, 883
- Suzuki, Tadahiko. See *Saito, Watabe, Ozaki, Kobayashi, Kobayashi, Fusetani, and Karaki*, 571
- Suzuki, Takashi. See *Akiyama, Sugatani, Suzuki, and Miwa*, 786
- Suzuki, Y. See *Akiyama, Sugatani, Suzuki, and Miwa*, 786

T

- Tagami, S. See *Hirokawa, Sakaue, Furuya, Ishii, Hasegawa, Kawakami, Sakai, Nishi, and Nishihira*, 733
- Tago, K., Kaziro, Y., and Satoh, T. Functional Involvement of mSos in Interleukin-3 and Thrombin Stimulation of the Ras, Mitogen-Activated Protein Kinase Pathway in BaF3 Murine Hematopoietic Cells, 659
- Taira, H. See *Segawa, Kato, and Yamashita*, 1064
- Taira, K. See *Hamada, Fujita, Kise, and Jigami*, 684
- Taira, T. See *Tsuchiya, Saegusa, Mimori, Iguchi-Arigo, and Ariga*, 120
- Tajima, S. and Suetake, I. Regulation and Function of DNA Methylation in Vertebrates, 993
- Takada, M., Ogawa, K., Saito, S., Murata, T., and Usui, T. Chemo-Enzymatic Synthesis of Galactosylmaltooligosaccharidonolactone as a Substrate Analogue Inhibitor for Mammalian α -Amylase, 508
- Takagi, T. See *Yuasa and Cox*, 1180
- Takahashi, K. See *Sasaki, Hattori, Fujisawa, Inoue, and Takigawa*, 431
- Takahashi, Satoru. See *Kuroha, Komeno, Itoh, Nagasawa, and Yamamoto*, 376
- Takahashi, Shuji. See *Yokota, Eisaki, Asashima, Akhter, Muramatsu, and Kado-matsu*, 339
- Takai, T. See *Yamashita, Fukuta, Tsuji, Nagabukuro, Matsuda, Nishikawa, Oh-yama, Ohmori, and Ono*, 358
- Takano, A. See *Tsuchiya, Kamei, Matsui, and Yamada*, 499
- Takase, K. and Hagiwara, K. Expression of Human α -Lactalbumin in Transgenic Tobacco, 440
- Takenaka, A. See *Toyoda, Suzuki, Sekiguchi, and Reed*, 668
- Takenawa, T., Oda, Y., Ishihama, Y., and Iwakura, M. Cyanocysteine-Mediated Molecular Dissection of Dihydrofolate Reductase: Occurrence of Intra- and Intermolecular Reactions Forming a Peptide Bond, 1137
- Taketo, A. See *Tanaka, Saito, and Kimoto*, 821
- Takigawa, M. See *Sasaki, Hattori, Fujisawa, Takahashi, and Inoue*, 431
- Takiya, S. See *Sakamoto, Suzuki, Yoshimura, Imai, Matsumoto, and Nakamura*, 399
- Talukder, A.H. See *Akhter, Ichihara-Tanaka, Kojima, Muramatsu, Inui, Kimura, Kaneda, Kadomatsu, Inagaki, and Muramatsu*, 1127
- Tamai, M. See *Shimizu and Ishiguro*, 953
- Tanaka, A. Differential Scanning Calorimetric Studies on the Thermal Unfolding of *Pseudomonas cepacia* Lipase in the Absence and Presence of Alcohols, 289
- Tanaka, Kazuhiko. See *Hatanaka, Seya,*

T (cont'd)

- Miyagawa, Matsumoto, Hara, and Shimizu, 579
- Tanaka, Keiji. Proteasomes: Structure and Biology, 195
- Tanaka, Kumiko. See *Isashi, Yamashita, Nagasawa, Murakami, and Uede*, 959
- Tanaka, N., Saito, H., Kimoto, H., and Taketo, A. Effects of *cis*-Diamminedichloroplatinum(II) on *Escherichia coli* and Bacteriophage Systems, 821
- Tanaka, Y. See *Abe, Ueda, Kawano, and Imoto*, 313
- Tani, K. See *Ashiuchi, Soda, and Misono*, 1156
- Taniguchi, H. See *Yamauchi, Kiyonami, and Kanai*, 760
- Taniguchi, K. See *Tsuda, Kaya, Funatsu, and Hayashi*, 169
- Taniguchi, M. See *Kitamura, Sagara, Ashida, Ezoe, Kohno, Kojima, Ozawa, Akutsu, Kumagai, and Nakaya*, 891
- Taniguchi, N. See *Suzuki, Koh, Mizuno, and Hamaoka*, 353
- Tanio, M. See *Yamaguchi, Tuzi, Seki, Needleman, Lanyi, Naito, and Saito*, 78
- Tanokura, M. See *Kudo, Nishiyama, Sasaki, Abe, and Arai*, 568
- Tasaki, T., Iwata, H., Kazusaka, A., and Fujita, S. Regio- and Stereoselectivity in Propranolol Metabolism by Dog Liver Microsomes and the Expressed Dog CYP2D15, 747
- Tasaki, T., Nakamura, A., Itoh, S., Ohashi, K., Yamamoto, Y., Masuda, M., Iwata, H., Kazusaka, A., Kamataki, T., and Fujita, S. Expression and Characterization of Dog CYP2D15 Using Baculovirus Expression System, 162
- Tejedor, M.C. See *Alvarez, Jordán, Herráez, and Díez*, 233
- Terada, I. See *Yamamoto and Nakashizuka*, 94
- Terada, S. See *Matsumoto, Yamaguchi, Fukumaki, and Yasunaga*, 87
- Teramoto, T. See *Liang, Kinoshita, Muto, Fujimaki, Matsuki, Saito, and Yamanaka*, 28
- Terao, K. See *Ogata, Ohno, Iwasaki, and Endo*, 294
- Tohma, M. See *Bun-ya, Maebuchi, Kamiryō, Kurosawa, Sato, Jiang, and Hashimoto*, 347
- Tomomura, A. See *Yoshino-Yasuda, Kobayashi, Akiyama, Itoh, and Saheki*, 546
- Tomoo, K. See *Nishi, Morino, Youtani, and Ishida*, 157
- Tonomura, B. See *Inouye and Kuzuya*, 847
- Tonzuka, T. See *Ibuka, Matsuzawa, and Sakai*, 275
- Torizawa, T. See *Kobayashi, Morioka, Kato, Shimada, Nikaido, and Ohtsuka*, 182
- Toyoda, T., Suzuki, K., Sekiguchi, T., Reed, L.J., and Takenaka, A. Crystal Structure of Eucaryotic E3, Lipoamide Dehydrogenase from Yeast, 668
- Toyohara, H. See *Hashimoto, Yokoyama, Matsuo, Kohno, and Sakaguchi*, 1031
- Tsuchida, A., Akimoto, S., Usui, T., and Kobayashi, K. Synthesis of Artificial Glycoconjugate Polymers Starting from Enzymatically Synthesized Oligosaccharides and Their Interactions with Lectins, 715
- Tsuchihashi, K. See *Mikami, Kashiwagi, Daino, Akino, and Gasa*, 487
- See *Mikami, Kashiwagi, Akino, and Gasa*, 906
- Tsuchiya, N., Kamei, D., Takano, A., Matsui, T., and Yamada, M. Cloning and Characterization of a cDNA Encoding a Novel Heterogeneous Nuclear Ribonucleoprotein-Like Protein and Its Expression in Myeloid Leukemia Cells, 499
- Tsuchiya, Takayuki, Saegusa, Y., Taira, T., Mimori, T., Iguchi-Arigo, S.M.M., and Ariga, H. Ku Antigen Binds to *Alu* Family DNA, 120
- Tsuchiya, Tomofusa. See *Hase, Ishikawa, Sekimizu, and Mizushima*, 680
- Tsuda, H. See *Watanabe, Yamada, Shibata, Nakamura, and Sugahara*, 283
- Tsuda, T., Kaya, S., Funatsu, H., Hayashi, Y., and Taniguchi, K. Fluorescein 5'-Isothiocyanate-Modified Na⁺,K⁺-ATPase, at Lys-501 of the α -Chain, Accepts ATP Independent of Pyridoxal 5'-Diphospho-5'-Adenosine Modification at Lys-480, 169
- Tsuji, A. See *Yamashita, Fukuta, Nagabukuro, Matsuda, Nishikawa, Ohyama, Ohmori, Ono, and Takai*, 358
- Tsukahara, F., Urakawa, I., Hattori, M., Hirai, M., Ohba, K., Yoshioka, T., Sakaki, Y., and Muraki, T. Molecular Characterization of the Mouse *mtpd* Gene, a Homologue of Human *TPRD*: Unique Gene Expression Suggesting Its Critical Role in the Pathophysiology of Down Syndrome, 1055
- Tsunasawa, S. See *Mitta, Miyagi, and Kato*, 924
- Tsuneta, S.T. See *Tsuruta, Ishida, Watanabe, Uno, and Aizono*, 219
- Tsurufuji, S. See *Hanzawa, Haruyama, Konishi, and Watanabe*, 62
- Tsurugi, K. See *Motizuki, Itoh, Yamada, and Shimamura*, 675
- Tsuruta, H., Tsuneta, S.T., Ishida, Y., Watanabe, K., Uno, T., and Aizono, Y. Purification and Some Characteristics of Phosphatase of a Psychrophile, 219
- Tuzi, S. See *Yamaguchi, Seki, Tanio, Needleman, Lanyi, Naito, and Saito*, 78
- Tzen, J.T.C. See *Wu, Wang, Chen, and Chen*, 386
- , Chuang, R.L.C., Chen, J.C.F., and Wu, L. S.H. Coexistence of Both Oleosin Isoforms on the Surface of Seed Oil Bodies and Their Individual Stabilization to the Organelles, 318
- U
- Uchida, K., Emoto, K., Daleke, D.L., Inoue, K., and Umeda, M. Induction of Apoptosis by Phosphatidylserine, 1073
- Uchida, M. See *Nishimura, Inohana, Setoh, Daba, Nishimura, and Yamaguchi*, 516
- Uchiyama, K. See *Minami, Murakami, Kawai, Mikami, Yamada, Yokoi, Ito, Matsui, and Honna*, 1112
- Ueda, R. See *Yoshinari, Nagata, Shiraga, Iwasaki, Hata, Ogino, Fujita, Shimada, and Yamazoe*, 740
- Ueda, S. See *Jinnouchi, Sano, Nagai, Hakamata, Kodama, Suzuki, Yoshida, and Horiuchi*, 1208
- Ueda, T. See *Abe, Kawano, Tanaka, and Imoto*, 313
- Uede, T. See *Isashi, Yamashita, Nagasawa, Tanaka, and Murakami*, 959
- Ueki, T. See *Hiromasa, Aso, Mayanagi, Inoue, Fujisawa, and Meno*, 564
- Ueki, Y. See *Sado, Kagawa, Naito, Seki, Momota, Oohashi, and Ninomiya*, 767
- Uemori, T. See *Asada, Ueno, Hashino, Koyama, Kawamura, and Kato*, 1041
- Uemura, T. and Hirai, K. L-Kynurenine 3-Monooxygenase from Mitochondrial Outer Membrane of Pig Liver: Purification, Some Properties, and Monoclonal Antibodies Directed to the Enzyme, 253
- Ueno, H. See *Matsuzaki, Hayashi, and Liao*, 701
- Ueno, T. See *Asada, Uemori, Hashino, Koyama, Kawamura, and Kato*, 1041
- Umeda, M. See *Uchida, Emoto, Daleke, and Inoue*, 1073
- Uno, S., Nakamura, M., Ohomagari, Y., Matsuyama, S., Seki, T., and Ariga, T. Regulation of Tissue-Type Plasminogen Activator (tPA) and Type-1 Plasminogen Activator Inhibitor (PAI-1) Gene Expression in Rat Hepatocytes in Primary Culture, 806
- Uno, T. See *Tsuruta, Tsuneta, Ishida, Watanabe, and Aizono*, 219
- Urakawa, I. See *Tsukahara, Hattori, Hirai, Ohba, Yoshioka, Sakaki, and Muraki*, 1055
- Usui, T. See *Takada, Ogawa, Saito, and Murata*, 508
- See *Tsuchida, Akimoto, and Kobayashi*, 715
- V
- van der Zeijst, B.A.M. See *Kolkman and Nuijten*, 937
- W
- Wada, S., Matsunaga, S., Saito, S., Fusetani, N., and Watabe, S. Actin-Binding Specificity of Marine Macrolide Toxins, Mycalolide B and Kabiramide D, 946
- Wada, T. See *Hata, Hasegawa, Kiso, and Miyagi*, 899
- Wakatsuki, S. See *Ho, Arioka, Yamasaki, and Kitamoto*, 332
- Wang, L.-D. See *Wu, Chen, Chen, and Tzen*, 386
- Watabe, S. See *Saito, Ozaki, Kobayashi, Suzuki, Kobayashi, Fusetani, and Karaki*, 571
- See *Wada, Matsunaga, Saito, and Fuse-tani*, 946
- Watanabe, A., Kurasawa, Y., Watanabe, Y., and Numata, O. A New *Tetrahymena* Actin-Binding Protein Is Localized in the Division Furrow, 607
- Watanabe, Kazuyoshi. See *Hanzawa, Haruyama, Konishi, and Tsurufuji*, 62
- Watanabe, Keiichi. See *Tsuruta, Tsuneta, Ishida, Uno, and Aizono*, 219
- Watanabe, M., Tsuda, H., Yamada, S., Shibata, Y., Nakamura, T., and Sugahara, K. Characterization of Heparinase from an Oral Bacterium *Prevotella heparinolytica*, 283

W (cont'd)

- Watanabe, Y. See *Watanabe, Kurawasa, and Numata*, 607
- Wu, L.S.H. See *Tzen, Chuang, and Chen*, 318
- , Wang, L.-D., Chen, P.-W., Chen, L.-J., and Tzen, J.T.C. Genomic Cloning of 18 kDa Oleosin and Detection of Triacylglycerols and Oleosin Isoforms in Maturing Rice and Postgerminative Seedlings, 386
- X
- Xu, C., Zhou, T., Kuroda, M., and Rosen, B.P. Metalloid Resistance Mechanisms in Prokaryotes, 16
- Y
- Yajima, Y., Akita, Y., Saito, T., and Kawashima, S. VIP Induces the Translocation and Degradation of the α Subunit of G_s Protein in Rat Pituitary GH₄C, Cells, 1024
- Yamada, A. See *Oiwa and Yamaga*, 614
- Yamada, Keisuki, Kamihira, M., Hamamoto, R., and Iijima, S. Efficient Induction of Hepatocyte Spheroids in a Suspension Culture Using a Water-Soluble Synthetic Polymer as an Artificial Matrix, 1017
- Yamada, Kenichiro. See *Nakagawa and Mutoh*, 1048
- Yamada, Mamoru. See *Nobumoto, Song, Inouye, and Nakazawa*, 128
- Yamada, Masashi. See *Ikeuchi, Nakatani, Itokazu, Awaya, and Hatanaka*, 423
- See *Nakatani, Asada, Okada, Ikeuchi, and Hatanaka*, 707
- Yamada, Michiyuki. See *Tsuchiya, Kamei, Takano, and Matsui*, 499
- See *Kimura and Nakazawa*, 876
- Yamada, Muneo. See *Motizuki, Itoh, Shimamura, and Tsurugi*, 675
- Yamada, S. See *Watanabe, Tsuda, Shibata, Nakamura, and Sugahara*, 283
- Yamada, T. See *Minami, Uchiyama, Murakami, Kawai, Mikami, Yokoi, Ito, Matsui, and Honma*, 1112
- Yamaga, T. See *Oiwa and Yamada*, 614
- Yamaguchi, H. See *Nishimura, Uchida, Inohana, Setoh, Daba, and Nishimura*, 516
- Yamaguchi, S., Tuzi, S., Seki, T., Tanio, M., Needleman, R., Lanyi, J.K., Naito, A., and Saitô, H. Stability of the C-Terminal α -Helical Domain of Bacteriorhodopsin That Protrudes from the Membrane Surface, as Studied by High-Resolution Solid-State ¹³C NMR, 78
- Yamaguchi, T. See *Matsumoto, Fukumaki, Yasunaga, and Terada*, 87
- Yamamoto, Keiichi. See *Hazeki, Yamato, Imamura, Sasaki, Nakazato, Konomi, and Hayashi*, 587
- Yamamoto, Kenji. See *Abe, Kadowaki, Okamoto, Nakayama, and Ohishi*, 305
- Yamamoto, M. See *Kuroha, Takahashi, Komeno, Itoh, and Nagasawa*, 376
- Yamamoto, T., Nakashizuka, M., and Terada, I. Cloning and Expression of a Marine Bacterial β -Galactosidase α 2,6-Sialyltransferase Gene from *Photobacterium damsela* JT0160, 94
- Yamamoto, Y. See *Tasaki, Nakamura, Itoh, Ohashi, Masuda, Iwata, Kazusaka, Kamataki, and Fujita*, 162
- Yamanaka, M. See *Liang, Kinoshita, Muto, Fujimaki, Matsuki, Saito, and Teramoto*, 28
- Yamasaki, M. See *Ho, Wakatsuki, Arioka, and Kitamoto*, 332
- Yamashita, S. See *Kawabe, Kodaki, Katayama, Okamura, and Mori*, 870
- Yamashita, Tetsuro. See *Segawa, Kato, and Taira*, 1064
- Yamashita, Toshiyuki. See *Isashi, Nagasawa, Tanaka, Murakami, and Uede*, 959
- , Kairiyama, L., Araki, M., and Nagasawa, S. Evidence for Involvement of Two Isoforms of Syk Protein-Tyrosine Kinase in Signal Transduction through the High Affinity IgE Receptor on Rat Basophilic Leukemia Cells, 1199
- Yamashita, Y., Fukuta, D., Tsuji, A., Nagabukuro, A., Matsuda, Y., Nishikawa, Y., Ohyama, Y., Ohmori, H., Ono, M., and Takai, T. Genomic Structures and Chromosomal Location of p91, a Novel Murine Regulatory Receptor Family, 358
- Yamato, M. See *Hazeki, Imamura, Sasaki, Nakazato, Yamamoto, Konomi, and Hayaishi*, 587
- Yamauchi, E., Kiyonami, R., Kanai, M., and Taniguchi, H. Presence of Conserved Domains in the C-Terminus of MARCKS, a Major *In Vivo* Substrate of Protein Kinase C: Application of Ion Trap Mass Spectrometry to the Elucidation of Protein Structures, 760
- Yamazoe, Y. See *Yoshinari, Nagata, Ogino, Fujita, Shiraga, Iwasaki, and Hata*, 479
- See *Yoshinari, Nagata, Shiraga, Iwasaki, Hata, Ogino, Ueda, Fujita, and Shimada*, 740
- Yanai, N. See *Furusawa, Hara, Miyajima, and Obinata*, 101
- Yashiro, K. See *Mizuno-Kamiya, Kameyama, and Fujita*, 205
- Yasui, H., Ito, W., and Kurosawa, Y. Temperature Dependency of Thermodynamic Parameters in Interactions between Hen Egg-White Lysozyme (HEL) and Anti-HEL Antibodies, 827
- Yasunaga, R. See *Matsumoto, Yamaguchi, Fukumaki, and Terada*, 87
- Yatomi, Y. See *Hisano, Fujino, Igarashi, Kume, and Ozaki*, 263
- Yokoi, D. See *Minami, Uchiyama, Murakami, Kawai, Mikami, Yamada, Ito, Matsui, and Honma*, 1112
- Yokota, C., Takahashi, S., Eisaki, A., Asashima, M., Akhter, S., Muramatsu, T., and Kadomatsu, K. Midkine Counteracts the Activin Signal in Mesoderm Induction and Promotes Neural Formation, 339
- Yokoyama, Y. See *Hashimoto, Matsuo, Toyohara, Kohno, and Sakaguchi*, 1031
- Yoshida, M. See *Jinnouchi, Sano, Nagai, Hakamata, Kodama, Suzuki, Ueda, and Horiuchi*, 1208
- Yoshida, T. See *Koike, Kondo, Makita, Kajiyama, and Morikawa*, 1079
- Yoshimura, Y. See *Sakamoto, Suzuki, Taikiya, Imai, Matsumoto, and Nakamura*, 399
- Yoshinari, K., Nagata, K., Ogino, M., Fujita, K., Shiraga, T., Iwasaki, K., Hata, T., and Yamazoe, Y. Molecular Cloning and Expression of an Amine Sulfotransferase cDNA: A New Gene Family of Cytosolic Sulfotransferases in Mammals, 479
- Yoshinari, K., Nagata, K., Shiraga, T., Iwasaki, K., Hata, T., Ogino, M., Ueda, R., Fujita, K., Shimada, M., and Yamazoe, Y. Molecular Cloning, Expression, and Enzymatic Characterization of Rabbit Hydroxysteroid Sulfotransferase AST-RB2 (ST2A8), 740
- Yoshino-Yasuda, I., Kobayashi, K., Akiyama, M., Itoh, H., Tomomura, A., and Saheki, T. Caldecrin Is a Novel-Type Serine Protease Expressed in Pancreas, but Its Homologue, Elastase IV, Is an Artifact during Cloning Derived from Caldecrin Gene, 546
- Yoshioka, S. See *Kawakita, Ishida, Miura, and Sun-Wada*, 777
- See *Sun-Wada, Ishida, and Kawakita*, 912
- Yoshioka, T. See *Tsukahara, Urahawa, Hattori, Hirai, Ohba, Sakaki, and Muraki*, 1055
- Youtani, T. See *Nishi, Morino, Tomoo, and Ishida*, 157
- Yuasa, H.J., Cox, J.A., and Takagi, T. Diversity of the Troponin C Genes during Chordate Evolution, 1180
- Yung, C. See *Oshiro, Kawahara, Mika, Muramoto, Kobayashi, Ishige, Nozawa, Hori, Kitajima, and Kuroda*, 42
- Z
- Zhou, T. See *Xu, Kuroda, and Rosen*, 16