

JB COMMENTARY

Exploration of a new drug that targets YAP M. Fujii 209

JB REVIEW

Featured article of the month. Roles of transcriptional network during the formation of lymphatic vessels T. Watabe 213

BIOCHEMISTRY

Biochemistry General

Critical roles of the mitochondrial complex II in oocyst formation of rodent malaria parasite *Plasmodium berghei* A. Hino, M. Hirai, T.Q. Tanaka, Y.-i. Watanabe, H. Matsuoka and K. Kita 259

Enzymology

Effects of site-directed mutagenesis of Asn116 in the β -hairpin of the N-terminal domain of thermolysin on its activity and stability E. Menach, K. Yasukawa and K. Inouye 231

Function analysis of conserved amino acid residues in a Mn²⁺-dependent protein phosphatase, Pph3, from *Myxococcus xanthus* Y. Mori, K. Takegawa and Y. Kimura 269

Biochemistry in Diseases and Aging

C–H ... π interplay between Ile308 and Tyr310 residues in the third repeat of microtubule binding domain is indispensable for self-assembly of three- and four-repeat tau K. Sogawa, R. Okuda, Y. In, T. Ishida, T. Taniguchi, K. Minoura and K. Tomoo 221

Binding of von Willebrand factor cleaving protease ADAMTS13 to Lys-plasmin(ogen) Y. Shin, M. Akiyama, K. Kokame, K. Soejima and T. Miyata 251

Neurochemistry

Vitamin D₃ enhances ATRA-mediated neurosteroid biosynthesis in human glioma GI-1 cells T. Yagishita, A. Kushida and H. Tamura 285

Biochemical Pharmacology

Sulfation of ractopamine and salbutamol by the human cytosolic sulfotransferases K. Ko, K. Kurogi, G. Davidson, M.-Y. Liu, Y. Sakakibara, M. Suiko and M.-C. Liu 275

MOLECULAR BIOLOGY

Gene Expression

Mediator CDK subunits are platforms for interactions with various chromatin regulatory complexes R. Fukasawa, T. Tsutsui, Y. Hirose, A. Tanaka and Y. Ohkuma 241