

CONTENTS Vol. 149, No. 2

JB Commentary

Roles of old players in the suppression of a new player: networks for the transcriptional control of angiogenesis

T. Watabe

117

JB Reviews

Featured article of the month. Fibroblast growth factors: from molecular evolution to roles in development, metabolism and disease

N. Itoh and D.M. Ornitz

121

Featured article of the month. Functions of phospholipid flippases

K. Tanaka, K. Fujimura-Kamada and T. Yamamoto

131

Regular Papers

Human bile salt-dependent lipase efficiency on medium-chain acyl-containing substrates: control by sodium taurocholate

H. Fontbonne, L. Brisson, A. Vérine, A. Puigserver, D. Lombardo and E.H. Ajandouz

145

Quinolone compounds enhance δ -aminolevulinic acid-induced accumulation of protoporphyrin IX and photosensitivity of tumour cells

Y. Ohgari, Y. Miyata, T.T. Chau, S. Kitajima, Y. Adachi and S. Taketani

153

Increased globotriaosylceramide levels in a transgenic mouse expressing human α 1,4-galactosyltransferase and a mouse model for treating Fabry disease

C. Shiozuka, A. Taguchi, J. Matsuda, Y. Noguchi, T. Kunieda, K. Uchio-Yamada, H. Yoshioka, R. Hamanaka, S. Yano, S. Yokoyama, K. Mannen, A.B. Kulkarni, K. Furukawa and S. Ishii

161

Inhibitory effect of extracellular histidine on cobalt-induced HIF-1 α expression

S. Torii, A. Kurihara, X.Y. Li, K.-i. Yasumoto and K. Sogawa

171

ATP-binding cassette transporter isoform C2 localizes to the apical plasma membrane via interactions with scaffolding protein

Y. Emi, S. Nomura, H. Yokota and M. Sakaguchi

177

A single amino acid mutation at position 170 of human parainfluenza virus type 1 fusion glycoprotein induces obvious syncytium formation and caspase-3-dependent cell death

M. Takaguchi, T. Takahashi, C. Hosokawa, H. Ueyama, K. Fukushima, T. Hayakawa, K. Itoh, K. Ikeda and T. Suzuki

191

Interaction defect of the medium isoform of PTS1-receptor Pex5p with PTS2-receptor Pex7p abrogates the PTS2 protein import into peroxisomes in mammals

M. Honsho, Y. Hashiguchi, K. Ghaedi and Y. Fujiki

203

Octylguanidine ameliorates the damaging effect of mercury on renal functions

N. Pavón, M. Franco, F. Correa, N. García, E. Martínez-Abundis, D. Cruz, L. Hernández-Esquível, J. Santamaría, J.S. Rodríguez, C. Zazueta and E. Chávez

211

Comparison of recombinant protein expression in a baculovirus system in insect cells (Sf9) and silkworm

A. Usami, S. Ishiyama, C. Enomoto, H. Okazaki, K. Higuchi, M. Ikeda, T. Yamamoto, M. Sugai, Y. Ishikawa, Y. Hosaka, T. Koyama, Y. Tobita, S. Ebihara, T. Mochizuki, Y. Asano and H. Nagaya

219

