

# CONTENTS Rearranged According to Subject Categories, 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

## BIOCHEMISTRY

### Enzymology

- 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

### Metabolism and Bioenergetics

- 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-  
Esquivel, J. Santamaría, J.S. Rodríguez,  
C. Zazueta and E. Chávez 211

### Biochemistry in Diseases and Aging

- 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

### Biochemical Pharmacology

- Quinolone compounds enhance  $\delta$ -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

## MOLECULAR BIOLOGY

### Gene Expression

- Inhibitory effect of extracellular histidine on cobalt-induced  
HIF-1 $\alpha$  expression S. Torii, A. Kurihara, X.Y. Li, K.-i. Yasumoto and  
K. Sogawa 171

### Genetic Diseases

- Increased globotriaosylceramide levels in a transgenic mouse  
expressing human  $\alpha$ 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

(Contents continued on inside of back cover)

## CELL

### Biomembranes, Organelles, and Protein Sorting

- 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
- 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

## BIOTECHNOLOGY

### Biotechnology General

- 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