

Journal of

Pharmacy and Pharmacology

139-144

163-169

171-178

189-195

197-204

Volume 60 • Number 2 • February 2008

205-211

213-219

237-243

267-272

Contents

REVIEW ARTICLE

Ellagic acid, pomegranate and prostate cancer — a mini review

Carolyn Bell and Susan Hawthorne

RESEARCH PAPERS

Pharmaceutics and Drug Delivery

In-vitro permeation of drugs into porcine hair follicles: is it quantitatively equivalent to permeation into human hair follicles?

Yakov Frum, Gillian M. Eccleston and Victor M. Meidan

Biopharmaceutics and Drug Disposition

Effects of cysteine on metformin pharmacokinetics in rats with protein-calorie malnutrition: partial restoration of some parameters to control levels

153-161

Young H. Choi, Inchul Lee and Myung G. Lee

Transport of fluoroalkyl dihydroartemisinin derivatives across rat intestinal tissue

Federica Bigucci, Tayou Kamsu-Kom, Constance Cholet, Madeleine Besnard, Danièle Bonnet-Delpon and Gilles Ponchel

Pharmacokinetics and brain uptake of AM-36, a novel neuroprotective agent, following intravenous administration to rats

Joseph A. Nicolazzo, Tien T. Nguyen, Kasiram Katneni, Jessica A. Steuten, Gregg Smith, Bevyn Jarrott, Jennifer K. Callaway and Susan A. Charman

Molecular and Clinical Pharmacology

Anti-osteosarcoma effects and mechanisms of 4-*O*-amino-phenol-4'-demethylepipodophyllotoxin ether 179–188

Tuan-Min Yang, Shi-Fang Guo, Chang-Rui Chen, Xiao-Yu Zhang and Wen-Guang Li

Evaluation of the NO-releasing properties of NO-donor linkers

Vincenzo Calderone, Maria Digiacomo, Alma Martelli, Filippo Minutolo, Simona Rapposelli, Lara Testai and Aldo Balsamo

N-Acetyl-p-glucosamine oligosaccharides induce mucin secretion from colonic tissue and induce differentiation of human keratinocytes

Alexandra Deters, Frank Petereit, Jörg Schmidgall and Andreas Hensel

Cytotoxic effects and pro-apoptotic mechanism of TBIDOM, a novel dehydroabietylamine derivative, on human hepatocellular carcinoma SMMC-7721 cells

Fu Li, Ling He, Zhan-Qian Song, Jin-Cheng Yao, Xiao-Ping Rao and Hai-Tao Li

Anti-tumour effects of HL-37, a novel anthracene derivative, in-vivo and in-vitro

Song-Qiang Xie, Guo-Qiang Hu, Zhong-Quan Zhang, Mei Xu and Bian-Sheng Ji

Suppression of adjuvant arthritis by hesperidin in rats and its mechanisms 221–228

Rang Li, Jun Li, Li Cai, Cheng-mu Hu and Lei Zhang

Drugs from Natural Sources

Relaxant action mechanism of berberine identified as the active principle of Argemone ochroleuca
Sweet in guinea-pig tracheal smooth muscle
María Elena Sánchez-Mendoza, Carlos Castillo-Henkel and Andrés Navarrete

Oral administration of submerged cultivated *Grifola frondosa* enhances phagocytic activity in normal mice

Lisu Wang, Choi-Lan Ha, Tso-Lin Cheng, Su-Yun Cheng, Tzi-Wei Lian and Ming-Jiuan Wu

Gastroprotective activity of ferruginol in mice and rats: effects on gastric secretion, endogenous prostaglandins and non-protein sulfhydryls 245–251

Carlos Areche, Cristina Theoduloz, Tania Yáñez, Alba R. M. Souza-Brito, Víctor Barbastefano, Débora de Paula, Anderson L. Ferreira, Guillermo Schmeda-Hirschmann and Jaime A. Rodríguez

Cytotoxic activity of an octadecenoic acid extract from *Euphorbia kansui* (Euphorbiaceae) on human tumour cell strains 253–259

Farong Yu, Shunqing Lu, Fahong Yu, Junnian Shi, Peter M. McGuire and Rui Wang

Antioxidant and antibacterial activity of two compounds (forsythiaside and forsythin) isolated from Forsythia suspensa 261–266

Huanhuan Qu, Yongmin Zhang, Yan Wang, Baixue Li and Wenji Sun

COMMUNICATION

Potential relationships between transaminase abnormality and valproic acid clearance or serum carnitine concentrations in Japanese epileptic patients

Shuji Goto, Takayuki Seo, Takashi Hagiwara, Kentaro Ueda, Tsuyuko Yamauchi, Shiro Nagata, Yukio Ando, Takateru Ishitsu and Kazuko Nakagawa