



ELSEVIER

Vol. 12, Issue 4, February 2001

## Contents

EUROPEAN JOURNAL OF  
**PHARMACEUTICAL  
SCIENCES**  
www.elsevier.nl/locate/ejps

Cited in: BIOSIS/Biological Abstracts; CAB Abstracts; Chemical Abstracts Service; Current Contents (Life Sciences); EMBASE/Excerpta Medica; International Pharmaceutical Abstracts; MEDLINE/Index Medicus; Natural Products Update/Royal Society of Chemistry; S.E.F. Editoriale; Science Citation Index

*Commentaries*

- Future training needs in the pharmaceutical sciences: Academia – Industry 347  
D.D. Breimer

- Challenges faced by the pharmaceutical industry: training graduates for employment in pharmaceutical R&D 353  
K.G. Mooney

*Review paper*

- Grapefruit juice enhances intestinal absorption of the P-glycoprotein substrate talinolol 361  
H. Spahn-Langguth, P. Langguth

*Research papers*

- Cytotoxicity of novel trifluoromethylquinoline derivatives on human leukemia cells 369  
J.L. Kgokong, J.M. Wachira

- Making the most of sparse clinical data by using a predictive-model-based analysis, illustrated with a stavudine pharmacokinetic study 377  
L. Zhang, R. Price, F. Aweeka, S.E. Bellibas, L.B. Sheiner

- Antitumor activity of benzamide riboside and its combination with cisplatin and staurosporine 387  
P. Rauko, L. Novotny, I. Dovinova, L. Hunakova, T. Szekeres, H.N. Jayaram

- Interactions between carbamazepine and polyethylene glycol (PEG) 6000: characterisations of the physical, solid dispersed and eutectic mixtures 395  
Z. Naima, T. Siro, G.-D. Juan-Manuel, C. Chantal, C. René, D. Jerome

- Pretreatment with potent P-glycoprotein ligands may increase intestinal secretion in rats 405  
A. Hanafy, P. Langguth, H. Spahn-Langguth

- A statistical design to evaluate the influence of manufacturing factors on the material properties and functionalities of microcrystalline cellulose 417  
J.-S. Wu, H.-O. Ho, M.-T. Sheu

- Chromatographic retention of drug molecules on immobilised liposomes prepared from egg phospholipids and from chemically pure phospholipids 427  
T. Österberg, M. Svensson, P. Lundahl

(continued on p. 557)

**CONTENTS  
Direct**

This journal is part of **ContentsDirect**, the *free* alerting service which sends tables of contents by e-mail for Elsevier Science books and journals. You can register for **ContentsDirect** online at: [www.elsevier.nl/locate/contentsdirect](http://www.elsevier.nl/locate/contentsdirect)



0928-0987(200102)12:4;1-B