
CONTENTS

INHALT

SOMMAIRE

Ecole de Pharmacie Genève-Lausanne: A Novel Center of Excellence in Geneva

EDITORIAL

- 285 *P.-A. Carrupt, R. Gurny*
- 289 L'Ecole de Pharmacie Genève-Lausanne: un rôle de précurseur, un espoir à concrétiser
D. Arlettaz
- 291 Strategy in the Search for New Lead Compounds and Drugs from Plants
K. Hostettmann, A. Marston, J.-L. Wolfender*
- 295 The Medicinal Chemist's Dream: Faster Design of Better and Safer Drug Candidates
*M. Reist, L. Novaroli, A. Daina, S. Martel, P.-A. Carrupt**
- 299 Investigation of Medicinal Plants for the Treatment of Neglected Diseases
*E.F. Queiroz, K.M. Ahua, K. Hostettmann**
- 303 Development of Rapid Analytical Methods in the Laboratory of Pharmaceutical Analytical Chemistry (LCAP)
*S. Rudaz, L. Geiser, D. Guillarme, J.-L. Veuthey**
- 308 Experimental and Virtual Physicochemical and Pharmacokinetic Profiling of New Chemical Entities
*S. Martel, M.-E. Castella, F. Bajot, G. Ottaviani, B. Bard, Y. Henchoz, B. Gross Valloton, M. Reist, P.-A. Carrupt**
- 315 Identification of Novel Multifunctional Compounds for the Treatment of Some Aging Related Neurodegenerative Diseases
*L. Novaroli, A. Daina, F. Bertolini, S. Di Giovanni, J. Bravo, M. Reist, P.-A. Carrupt**
- 321 Application of Mass Spectrometry for Quantitative and Qualitative Analysis in Life Sciences
G. Hopfgartner, E. Varesio*
- 326 Statistical and Chemometric Tools Applied to Pharmaceutical Analysis
*J.-L. Veuthey, S. Rudaz**
- 331 The Importance of Phytoestrogens in Food Supplements and Phytopharmaceuticals
*J. Polasek, K. Hostettmann**
- 336 Processing of Polymeric Dosage Forms for Advanced Drug Delivery: From Melt-Extrudates to Nanoparticles
E. Doelker, U. Bilati, C.A. Nguyen, S. Galindo-Rodriguez, A.G. Sarraf*
- 340 Study by Confocal Laser Scanning Microscopy of the Influence of Hydrogels on the Wound Healing Rate after Mechanical Corneal Injury
P. Furrer, F. Lallemand, G.M. Paladino, M.G. Mazzone, R. Gurny*
- 344 Polymeric Nanoparticles for Drug Delivery to the Posterior Segment of the Eye
*R.A. Bejjani, F. Behar-Cohen, D. Benezra, R. Gurny, F. Delie**
- 348 Synthesis and Properties of Novel Poly(Hexyl-Substituted Lactides) for Pharmaceutical Applications
*T. Trimaille, R. Gurny, M. Möller**
- 353 Biomaterials for Injectable Therapeutic Implants
O. Jordan, D.A. Rufenacht, C. Iselin, E. Doelker*
- 357 Formulation Optimization in a University Hospital: The Example of Pediatric Solutions of the ACE Inhibitor Captopril
*M. Berger-Gryllaki, G. Podilsky, N. Widmer, S. Gloor, B. Testa, A. Pannatier**
- 359 Information Technologies for the Prevention of Medication Errors
P. Bonnabry

- 362 Synergy at the 'Ecole de Pharmacie Genève-Lausanne':
Methodology Developments for the Treatment of Complex Metabolomic Datasets with Data Mining
*A. Thiocone, E. Grata, J. Boccard, P.-A. Carrupt, S. Rudaz, J.-L. Wolfender**

CONFERENCE REPORT

- 366 The 40th EUCHEM Bürgenstock Conference on Stereochemistry
Bürgenstock (Switzerland), April 16–22, 2005
J.R. Nitschke

HIGHLIGHTS OF ANALYTICAL CHEMISTRY IN SWITZERLAND

- 372 Screening of Samples for the Presence of Chemical Warfare Agents by Nuclear Magnetic Resonance
U.C. Meier

SCG/SSC/SCS

- 373 DIC Division Industrielle Chemie

INFORMATION

- 374 Lectures

CHIMIA-REPORT

- 375 Markt, Apparate, Chemikalien und Dienstleistungen