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## MINIREVIEWS

Gastroesophageal Reflux Disease (GERD): Is There More to the Story?

*B. J. Vesper, K. W. Altman, K. M. Elseth, G. K. Haines III, S. I. Pavlova, L. Tao, G. Tarjan, J. A. Radosevich\**

Small-Molecule-Based Delivery Systems for Alkylating Antineoplastic Compounds

*K. Bielawski,\* A. Bielawska*

Medicinal Chemistry Aspects of Drug Targets in Sphingolipid Metabolism

*P. Nussbaumer\**

Modeling hERG and its Interactions with Drugs: Recent Advances in Light of Current Potassium Channel Simulations

*M. Recanatini,\* A. Cavalli, M. Masetti*

## SELECTED ORIGINAL CONTRIBUTIONS

ESI-MS Studies on Prolyl Hydroxylase Domain 2 Reveal a New Metal Binding Site

*J. Mecinović, R. Chowdhury, B. M. R. Liénard, E. Flashman, M. R. G. Buck, N. J. Oldham, C. J. Schofield\**

Small Interfering RNA-Mediated Silencing of Glutathione-S-Transferase A1 Sensitizes Hepatic Carcinoma Cells to Photodynamic Therapy with Pentaphyrins

*V. Rapozzi, C. Lombardo, S. Cogo, C. Comuzzi, L. Xodo\**

Molecular Models of the Interface between Anterior Pharynx-Defective Protein 1 (APH-1) and Presenilin Involving GxxxG Motifs

*K. Jozwiak, K. A. Krzysko, L. Bojarski, M. Gacia, S. Filipek\**

A Multidisciplinary Approach for the Identification of Novel HIV-1 Non-Nucleoside Reverse Transcriptase Inhibitors: S-DABOCs and DAVPs

*M. Radi, C. Falciani, L. Contemori, E. Petricci, G. Maga, A. Samuele, S. Zanolli, M. Terrazas, M. Castria, A. Togninelli, J. A. Esté, I. Clotet-Codina, M. Armand-Ugón, M. Botta\**

Non-Steroidal Aromatase Inhibitors Based on a Biphenyl Scaffold: Synthesis, in vitro SAR, and Molecular Modelling

*T. Jackson, L. W. L. Woo, M. N. Trusselle, A. Purohit, M. J. Reed, B. V. L. Potter\**

Peptide-Containing Aggregates as Selective Nanocarriers for Therapeutics

*A. Accardo, D. Tesauro, L. Aloj, L. Tarallo, C. Arra, G. Mangiapia, M. Vaccaro, C. Pedone, L. Paduano,\* G. Morelli\**

Discovery of Potent, Orally Bioavailable Small-Molecule Inhibitors of the Human CCR2 Receptor

*J. Doyon,\* E. Coesemans, S. Boeckx, M. Buntinx, B. Hermans, J. P. Van Wauwe, R. A. H. J. Gilissen, A. H. J. De Groot, D. Corens, G. Van Lommen\**

Changes of the Properties in the Upper Layers of Human Skin on Treatment with Models of Different Pharmaceutical Formulations—An Ex vivo ESR Imaging Study

*K.-P. Moll, W. Herrmann,\* R. Stöber, H.-H. Borchert*

Taxane Analogues against Breast Cancer: A Quantitative Structure–Activity Relationship Study

*R. P. Verma,\* C. Hansch*

Investigations on Surface Modified Dendrimers: Enzymatic Hydrolysis and Uptake into MCF-7 Breast Cancer Cells

*T. Kapp, P. Francke, R. Gust\**

Total Synthesis and Initial Structure–Activity Relationships of Longicatamycin A

*F. von Nussbaum,\* S. Anlauf, C. Freiberg, J. Benet-Buchholz, J. Schamberger, T. Henkel, G. Schiffer, D. Häbich*Don't risk missing out! Subscribe to *ChemMedChem*. Contact [service@wiley-vch.de](mailto:service@wiley-vch.de)