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ChemBioChem

Natural Diversity to Guide Focused Directed Evolution

Helge Jochens, Uwe T. Bornscheuer

Bioorthogonal Small-Molecule Ligands for PARP1 Imaging in Living Cells

Thomas Reiner, Sarah Earley, Anna Turetsky, Ralph Weissleder

<u>Targeted Photoswitchable Probe for Nanoscopy of Biological Structures</u>

Claudio Dellagiacoma, Gražvydas Lukinavičius, Noelia Bocchio, Sambashiva Banala, Stefan Geissbühler, Iwan Märki, Kai Johnsson, Theo Lasser

The FEBS Journal

ERK and cell death: Mechanisms of ERK-induced cell death – apoptosis, autophagy and senescence Sebastien Cagnol, Jean-Claude Chambard

Survival mechanisms of pathogenic Mycobacterium tuberculosis H₃₇Rv

Laxman S. Meena, Rajni

Proteoglycans in health and disease: novel roles for proteoglycans in malignancy and their pharmacological targeting

Achilleas D. Theocharis, Spyridon S. Skandalis, George N. Tzanakakis, Nikos K. Karamanos1

Chemical Biology & Drug Design

Structure-based Drug Metabolism Predictions for Drug Design

Hao Sun, Dennis O. Scott

Cell Biochemistry and Function

Glioblastoma cancer stem cells: heterogeneity, microenvironment and related therapeutic strategies
Tetyana Denysenko, Luisa Gennero, Maria Augusta Roos, Antonio Melcarne, Carola Juenemann, Giuliano
Faccani, Isabella Morra, Giovanni Cavallo, Stefano Reguzzi, Gianpiero Pescarmona, Antonio Ponzetto

Angewandte Chemie IE

<u>Phosphate-Mediated Interconversion of *Ribo-* and *Arabino-*Configured Prebiotic Nucleotide Intermediates</u>

Matthew W. Powner and John D. Sutherland

Dynamic Peptides as Biomimetic Carbohydrate Receptors

Melanie Rauschenberg, Susanne Bomke, Uwe Karst and Bart Jan Ravoo

<u>Microarray-Assisted High-Throughput Identification of a Cell-Permeable Small-Molecule Binder of 14-3-3 Proteins</u>

Hao Wu, Jingyan Ge and Shao Q. Yao

Chemistry – A European Journal

<u>Family Business: Multiple Members of Major Phytohormone Classes Orchestrate Plant Stress</u>

Responses

Matthias Erb, Gaetan Glauser

<u>Weapons in Disguise—Activating Mechanisms and Protecting Group Chemistry in Nature</u>
Jason C. Kwan, Hendrik Luesch

Antibacterials from the Sea

Chambers C. Hughes, William Fenical

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Molecular Informatics

<u>Free Energy Calculations of Mutations Involving a Tightly Bound Water Molecule and Ligand Substitutions in a Ligand-Protein Complex</u>

Alfonso T. García-Sosa, Ricardo L. Mancera

Predicting the Flexibility Profile of Ribosomal RNAs

Feifei Tian, Chun Zhang, Xia Fan, Xue Yang, Xi Wang, Huaping Liang

Chemistry & Biodiversity

<u>Cisplatin Affects the Conformation of Apo Form, not Holo Form, of BRCA1 RING Finger Domain and Confers Thermal Stability</u>

Apichart Atipairin, Bhutorn Canyuk, Adisorn Ratanaphan

Journal of Peptide Science

Analysis of peptides and proteins in their binding to GroEL

Yali Li, Zhida Zheng, Andrew Ramsey and Lingling Chen

Probing protein function by chemical modification

Yao-Wen Wu and Roger S. Goody

Journal of Molecular Recognition

<u>Altered product specificity of a cyclodextrin glycosyltransferase by molecular imprinting with cyclomaltododecaose</u>

Jarunee Kaulpiboon, Piamsook Pongsawasdi and Wolfgang Zimmermann

<u>Traditional ELISA methods for antibody affinity determination fail to reveal the presence of low affinity antibodies in antisera: an alternative approach</u>

Sergei A. Bobrovnik, Miroslava Demchenko, Sergei Komisarenko and Fred Stevens

Small

<u>Logic-Embedded Vectors for Intracellular Partitioning, Endosomal Escape, and Exocytosis of Nanoparticles</u>

Rita Serda, Aaron Mack, Anne van de Ven, Silvia Ferrati, Kenneth Dunner Jr., Biana Godin, Ciro Chiappini, Matthew Landry, Louis Brousseau, Xuewu Liu, Andrew Bean, Mauro Ferrari

Macromoleculare Bioscience

Recombinant Spider Silk Proteins for Applications in Biomaterials

Kristina Spiess, Andreas Lammel and Thomas Scheibel

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Israel Journal of Chemistry

<u>Supramolecular Bioconjugates for Protein and Small Drug Delivery</u>

Stefano Salmaso, Sara Bersani, Anna Scomparin, Francesca Mastrotto, Paolo Caliceti

DNA-Functionalized Carbon Nanotubes: Synthesis, Self-Assembly, and Applications

Lenibel Santiago-Rodríguez, Germarie Sánchez-Pomales, Carlos R. Cabrera

Chinese Journal of Chemistry

Effect of Electronic Structures of Enantiomers of Ruthenium(II) Polypyridyl Complexes on DNA Binding Behaviors

Haimei Luo, Jie Xiao, Jincan Chen, Hong Xu, Jun Lu, Zhigang Liu, Siping Chen, Mingliang Tong, Kangcheng Zheng, Liangnian Ji

European Journal of Lipid Science and Technology

Enzymatic enrichment of omega-3 polyunsaturated fatty acids in Nile perch (Lates niloticus) viscera oil

Betty Mbatia, Patrick Adlercreutz, Francis Mulaa and Bo Mattiasson

Improvement of fuel properties of cottonseed oil methyl esters with commercial additives

Hem Joshi, Bryan R. Moser, Shailesh N. Shah, Anurag Mandalika and Terry Walker

Chemistry – An Asian Journal

A Water-Soluble Conjugated Polymer for Protein Identification and Denaturation Detection Qingling Xu, Chunxian Wu, Chunlei Zhu, Xinrui Duan, Libing Liu, Yuchun Han, Yilin Wang, Shu Wang

Organoplatinum(II) Complexes with Nucleobase Motifs as Inhibitors of Human Topoisomerase II Catalytic Activity

Ping Wang, Chung-Hang Leung, Dik-Lung Ma, Wei Lu, Chi-Ming Che

ChemSusChem

<u>Redox-Responsive Switching in Bacterial Respiratory Pathways Involving Extracellular Electron</u> Transfer

Huan Liu, Shoichi Matsuda, Souichiro Kato, Kazuhito Hashimoto and Shuji Nakanishi

<u>Environmentally Benign Recovery and Reactivation of Palladium from Industrial Waste by Using Gram-Negative Bacteria</u>

Delphine Gauthier, Lina S. Søbjerg, Kaj M. Jensen, Anders T. Lindhardt, Michael Bunge, Kai Finster, Rikke L. Meyer and Troels Skrydstrup

Chemical Engineering & Technology

Removal of Cr(VI) from Aqueous Solutions by a Bacterial Biofilm Supported on Zeolite: Optimisation

of the Operational Conditions and Scale-Up of the Bioreactor Marta Pazos, Mónica Branco, Isabel C. Neves, Ma Angeles Sanromán, Teresa Tavares back to top A Discover More on **Discover the World of Biochemistry Chemistry** Spot your Favorite Content Win an Apple iPad **Register Now For Free Newsletter & Win** an iPad! The monthly newsletter of <u>ChemViews</u> keeps you up-to-date with news on the most important recent articles from journals like Angewandte Chemie, highlights of the International Year of Chemistry 2011, upcoming conferences and events and commentaries from leading authors. Among the people who register for this newsletter one Apple

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