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CONCEPTS

Going Forward Laterally: Transmembrane Passage of Hydrophobic Molecules through Protein Channel Walls

*B. van den Berg**

MINIREVIEWS

Antibiotic Resistance by Enzyme Inactivation: From Mechanisms to Solutions

*G. De Pascale, G. D. Wright**

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Thioamides in Nature: In Search of Secondary Metabolites in Anaerobic Microorganisms

*S. Banala, R. D. Süssmuth**

COMMUNICATIONS

Targeted Photoswitchable Probe for Nanoscopy of Biological Structures

C. Dellagiacomma, G. Lukinavičius, N. Bocchio, S. Banala, S. Geissbühler, I. Märki, K. Johnsson, T. Lasser**

Antimicrobial, Hemolytic, and Cytotoxic Activities of β -Peptoid–Peptide Hybrid Oligomers: Improved Properties Compared to Natural AMPs

C. A. Olsen, H. L. Ziegler, H. M. Nielsen, N. Frimodt-Møller, J. W. Jaroszewski, H. Franzyk*

Arthrobacter Endo- β -N-Acetylglucosaminidase Shows Transglycosylation Activity on Complex-Type N-Glycan Oxazolines: One-Pot Conversion of Ribonuclease B to Sialylated Ribonuclease C

*W. Huang, Q. Yang, M. Umekawa, K. Yamamoto, L.-X. Wang**

Development of a DNA Photoaffinity Probe for the Analysis of 8-OxodG-Binding Proteins in a Human Proteome

*M. Winnacker, V. Welzmler, R. Strasser, T. Carell**

FULL PAPERS

Functions of Genes and Enzymes Involved in Phenalinolactone Biosynthesis

*M. Daum, H.-J. Schnell, S. Herrmann, A. Günther, R. Murillo, R. Müller, M. Müller, A. Bechthold**

Live-Cell Imaging with Water-Soluble Aminophenoxazinone Dyes Synthesised through Laccase Biocatalysis

*F. Bruyneel, L. D'Auria, O. Payen, P. J. Courtoy, J. Marchand-Brynaert**

Triplexes with 8-Aza-2'-Deoxyisoguanosine Replacing Protonated dC: Probing Third Strand Stability with a Fluorescent Nucleobase Targeting Duplex DNA

F. Seela, D. Jiang, S. Budow*

Modification of Substrate Specificity Resulting in an Epoxide Hydrolase with Shifted Enantioselectivity for (2,3-Epoxypropyl)benzene

*A. Gurell, M. Widersten**

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