

Contents

Biological Chemistry

Volume 382, Number 11, November 2001

Review

- An Overview of Endosymbiotic Models for the Origins of Eukaryotes, Their ATP-Producing Organelles (Mitochondria and Hydrogenosomes), and Their Heterotrophic Lifestyle**
W. Martin, M. Hoffmeister, C. Rotte and K. Henze . 1521

Research Articles

- A Microsomal Ecdysone-Binding Cytochrome P450 from the Insect *Locusta migratoria* Purified by Sequential Use of Type-II and Type-I Ligands**
J. Winter, C. Eckerskorn, R. Waditschatka and H. Kayser 1541
- The Large Cytoplasmic Loop of the Glucose Transporter GLUT1 Is an Essential Structural Element for Function**
I. Monden, A. Olsowski, G. Krause and K. Keller . . 1551
- Visual Representation by Atomic Force Microscopy (AFM) of Tomato Spotted Wilt Virus Ribonucleoproteins**
J.-W. Kellmann, P. Liebisch, K.-P. Schmitz and B. Piechulla 1559
- Elimination of Hydrocortisone from the Medium Enables Tissue Plasminogen Activator Gene Expression by Normal and Immortalized Nonmalignant Human Epithelial Cells**
H. Myöhänen, I. Virtanen and A. Vaheri 1563

- Molecular Cloning and Biochemical Characterisation of Proteases from *Staphylococcus epidermidis***
G. Dubin, D. Chmiel, P. Mak, M. Rakwalska, M. Rzychon and A. Dubin 1575
- Splice Variants of Human Cathepsin L mRNA Show Different Expression Rates**
A. Abudula, W. Rommerskirch, E. Weber, D. Günther and B. Wiederanders 1583
- Osmolytes as Modulators of Conformational Changes in Serpins**
M.K.M. Chow, G.L. Devlin and S.P. Bottomley 1593
- Protective Activity of Aromatic Amines and Imines against Oxidative Nerve Cell Death**
B. Moosmann, T. Skutella, K. Beyer and C. Behl . . 1601
- Nitric Oxide Generation in Aqueous Solutions of Cigarette Smoke and Approaches to Its Origin**
T. Tokimoto and K. Shinagawa 1613
- A Recombinant scFv/Streptavidin-Binding Peptide Fusion Protein for the Quantitative Determination of the Scorpion Venom Neurotoxin Aahl**
N. Aubrey, C. Devaux, E. di Luccio, M. Goyffon, H. Rochat and P. Billiard 1621