

Table of Contents

Vol. 56 (5), 457-612 (2022)

- 457 The ACE Inhibitor Lisinopril Stimulates Melanoma Cell Invasiveness by Inducing MMP2 Secretion**
Becker Y. (Hannover), Stock C. (Hannover)
- 484 Adenosine Triphosphate Protects from Elevated Extracellular Calcium-Induced Damage in Human Proximal Kidney Cells: Using Deep Learning to Predict Cytotoxicity**
Hodeify R. (Ras Al Khaimah), Ghani A. (Ras Al Khaimah), Matar R. (Ras Al Khaimah), Vazhappilly C. (Ras Al Khaimah), Merheb M. (Ras Al Khaimah), Al Zouabi H. (Ras Al Khaimah), Marton J. (Ras Al Khaimah)
- 500 Effect of Mercury on Membrane Proteins, Anionic Transport and Cell Morphology in Human Erythrocytes**
Notariale R. (Naples), Längst E. (Epalinges), Perrone P. (Naples), Crettaz D. (Epalinges), Prudent M. (Epalinges; Lausanne), Manna C. (Naples)
- 514 Cytotoxic Effects Caused by Functionalized Carbon Nanotube in Murine Macrophages**
de Godoy K. (São Carlos), de Almeida Rodolpho J. (São Carlos), de Lima Fragelli B. (São Carlos), Camillo L. (São Carlos), Brassolatti P. (São Carlos), Assis M. (Castelló), Nogueira C. (São Paulo), Speglich C. (Rio de Janeiro), Longo E. (São Carlos), de Freitas Anibal F. (São Carlos)
- 530 Resveratrol Promotes LRSAM1 E3 Ubiquitin Ligase-Dependent Degradation of Misfolded Proteins Linked with Neurodegeneration**
Dubey A. (Jodhpur), Mishra R. (Jodhpur), Sundaria N. (Jodhpur), Jagtap Y. (Jodhpur), Kumar P. (Jodhpur), Kingler S. (Jodhpur), Choudhary A. (Jodhpur), Jha H. (Indore), Prasad A. (Mandi), Gutti R. (Hyderabad), Mishra A. (Jodhpur)
- 546 Physics Essentials Enable Deeper Understanding in Signaling and Crosstalk of the Carcinogenesis Paradigm “Epistemology of the Origin of Cancer”**
Brücher B. (Munich; Sacramento; Cottbus), Daumer M. (Munich; Sacramento), Jamall I. (Munich; Sacramento)
- 573 1400W Prevents Renal Injury in the Renal Cortex But Not in the Medulla in a Murine Model of Ischemia and Reperfusion Injury**
Pasten C. (Santiago), Lozano M. (Santiago), Méndez G. (Santiago), Irrarázabal C. (Santiago)
- 581 Skeletal Muscle and Kidney Crosstalk in Chronic Kidney Disease**
Jenkin K. (Sydney), Perry B. (Sydney)
- 602 Errata**
- 609 Retraction Statements**

Cover Illustration

Cytotoxic Effects Caused by Functionalized Carbon Nanotube in Murine Macrophages.
See Original by de Godoy, et al. in Cell Physiol Biochem 2022;56:514-529.