

iz hrvatskih znanstvenih časopisa

SADRŽAJI RECENTNIH BROJEVA

CROATICA CHEMICA ACTA

Croat. Chem. Acta Vol. 81 No. 1, 2008

I-X, 1-222, A1-A24

FOREWORD

... Jadranka Varljen and Zrinka Kovarik IX

REVIEWS

Hh-Gli Signaling Pathway Functions and Its Therapeutic Potential in Cancer

... Sonja Levanat, Maja Čretnik, and Vesna Musani 1–5

The Glycosylation Capacity of Insect Cells

... Dubravko Rendić, Iain B. H. Wilson, and Katharina Paschinger 7–21

Biomarkers for Drug Discovery: Important Aspects of *in vitro* Assay Design for HTS and HCS Bioassays

... William A. Irwin, Dubravko Jelić, and Roberto Antolović 23–30

Single Molecule Probing of Exocytotic Protein Interactions Using Force Spectroscopy

... Vedrana Montana, Wei Liu, Umar Mohideen, and Vladimir Parpura 31–40

ORIGINAL SCIENTIFIC PAPER

Effects of Low Temperature, Starvation and Oxidative Stress on the Physiology of *Campylobacter jejuni* Cells

... Anja Klančnik, Tina Zorman, and Sonja Smole Možina 41–46

In vitro Evaluation of Aldoxime Interactions with Human Acetylcholinesterase

... Zrinka Kovarik, Maja Čalić, Anita Bosak, Goran Šinko, and Dubravko Jelić 47–57

Age Dependent Changes in Activity of Intestinal Disaccharidases and Alkaline Phosphatase Activity in CD26 Deficient Mice

... Lara Batičić, Dijana Detel, and Jadranka Varljen 59–65

Cytotoxicity of Selected Pyridinium Oximes in Human SH-SY5Y Neuroblastoma Cell Line

... Sveltana Kalanj Bogнар, Blaženka Foretić, Željka Vukelić, Tonko Gulin, and Davor Ježek 67–71

Reduction in Peripheral Blood Leukocyte Heat Shock Proteins 27 and 70 Expression in Chronic Obstructive Pulmonary Disease

... Lada Rumora, Lara Milevoj, Sanja Popović-Grle, Karmela Barišić, Tihana Žanić Grubišić, and Ivana Čepelak 73–80

Transduction of p27 to Induce Apoptosis in Tumor Cells

... Mira Grdiša, Ana-Matea Mikecin, and Martina Grdiša 81–87

Thylakoid System Disassembly during Bleaching of Aurea Mutants of Maple *Acer negundo* Hassk. var. *Odessanum*

... Hrvoje Fulgosi, Snježana Jurić, Hrvoje Lepeduš, Kroata Hazler-Pilepić, Tatjana Prebeg, and Nikola Ljubešić 89–95

Photosynthetic Electron Transport and Superoxide Dismutase Activity during Natural Senescence of Maple Leaves

... Hrvoje Lepeduš, Ivna Štolfa, Sandra Radić, Mirna Ćurković Perica, Branka Pevalak-Kozlina, and Vera Cesar 97–103

Genetic Frequencies of Paraoxonase 1 Gene Polymorphisms in Croatian Population	... Marija Grdić, Karmela Barišić, Lada Rumora, Ilza Salamunić, Milena Tadijanović, Tihana Žanić Grubišić, Renata Pšikalová, Zlata Flegar-Meštrić, and Dubravka Juretić	105–111
Novel Expression Patterns for Trefoil Peptides: Presence of Tff2 and Tff3 in Rodent Cochlea	... Maria Lubka, Carsten M. Pusch, Nikolaus Blin, and Mirela Baus-Lončar	113–117
The Effect of a Single Dose of Fumonisin B₁ on Rat Kidney	... Maja Peraica, Danica Ljubanović, Davor Želježić, and Ana-Marija Domijan	119–124
Frequency of Galactose–1-phosphate Uridyl Transferase Gene Mutations in Healthy Population of Croatia	... Karmela Barišić, Lada Rumora, Marija Grdić, and Dubravka Juretić	125–130
Accumulation of Amadori and Maillard Products in Wheat Seeds Aged under Different Storage Conditions	... Ivica Strelec, Žaneta Ugarčić-Hardi, and Mario Hlevnjak	131–137
Genotoxicity of Fumonisin B₁, Beauvericin and Ochratoxin A in Porcine Kidney PK15 Cells: Effects of Individual and Combined Treatment	... Maja Šegvić Klarić, Stjepan Pepeljnjak, and Ružica Rozgaj	139–146
9-Deazaguanine and Its Methyl Derivatives: Synthesis, Antitumor Activity <i>in vitro</i> and Effects on Purine Nucleoside Phosphorylase Gene Expression	... Mirjana Suver, Biserka Žinić, Tomislav Portada, Agnieszka Bzowska, and Ljubica Glavaš-Obrovac	147–156
Effects of Hyperglycemia and Metformin on Expression of Adhesion Molecules on Human Aortic Endothelial Cells	... Tatjana Bačun, Tatjana Belovari, Mirjana Suver, Blaženka Dobrošević, and Ljubica Glavaš-Obrovac	157–162
Effect of L-Carnitine Supplementation on Some Biochemical Parameters in Blood Serum of Sedentary Population	... Ivančica Delaš, Tonko Dražić, Melita Čačić-Hribljan, and Krešimir Sanković	163–168
Hydrolysis of Extracellular Adenine Nucleotides by Human Spermatozoa: Regulatory Role of Ectonucleotidases in Sperm Function	... Pavle Romac, Tihana Žanić Grubišić, Davor Ježek, Marijana Vučić, and Ognjen Čulić	169–176
Effects of LIF on Neuromuscular Junction Formation in Co-cultures of Rat Spinal Cord Explant and Human Muscle	... Tomaž Marš	177–182
Head and Neck Tumor Cells Exhibit Altered Proliferation upon Overexpression of <i>nm23</i> Genes	... Maja Herak Bosnar, Klara Dubravčić, Ružica Bago, and Jasminka Pavelić	183–189
Endocytic Trafficking of Cholera Toxin in Balb 3T3 Cells	... Gordana Blagojević, Hana Mahmutefendić, Natalia Kučić, Maja Ilić Tomaš, and Pero Lučin	191–202
Kinetic Evaluation of Imidacloprid Degradation in Mice Organs Treated with Olive Oil Polyphenols Extract	... Dalibor Broznić, Jelena Marinić, Marin Tota, Gordana Čanadi Jurešić, and Čedomila Milin	203–209
TNF-α, CXCL8, big ET–1 and hsCRP in Patients with Chronic Obstructive Pulmonary Disease	... Sanja Marević, József Petrik, Nada Vrkić, Sanja Popović-Grle, Tihana Žanić-Grubišić, and Ivana Čepelak	211–217
NOTE		
Quantitative Fluorescent PCR – A Rapid Approach to Prenatal Diagnostics of Common Autosomal Aneuploidies	... Dinko Pavlinić, Snježana Džijan, Feodora Stipoljev, Jasenka Wagner, Goran Ćurić, and Gordan Lauc	219–222
APPENDIX		
Obituary	... <i>In memoriam</i> Vera Gamulin (1948–2006) Petar Strohal (1932–2008)	A1–A4 A5–A6
Erratum	... Igor Weber	A7
Instructions to authors		A9–A12
Minutes of the annual assembly of the Croatian chemical society (in Croatian)		A13–A20
Announcements and advertisements		A21–A24