
FOREWORD

Karmela Barišić

Croat. Chem. Acta **78** (2005) XXXIX

ŽELJKO KUĆAN – curriculum vitae

Mirna Flögel

Croat. Chem. Acta **78** (2005) XLI–XLIII

GREETINGS AND REMINISCENCES

Tatjana Naranda

Croat. Chem. Acta **78** (2005) XLV–XLVI

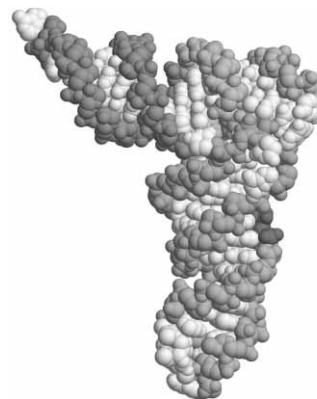
AUTHOR'S REVIEW

CCA-3014

Croatian School on tRNA and Aminoacyl-tRNA Synthetases

Ivana Weygand-Đurašević

Croat. Chem. Acta **78** (2005) 319–324



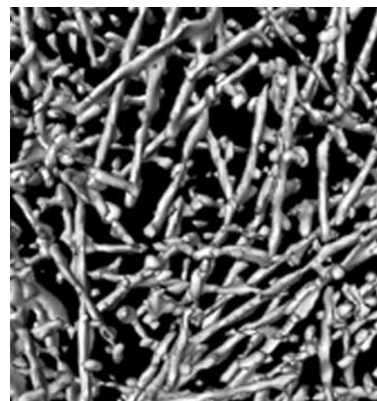
REVIEW

CCA-3015

**Cryoelectron Tomography: Implications
for Actin Cytoskeleton Research**

Igor Weber

Croat. Chem. Acta **78** (2005) 325–331



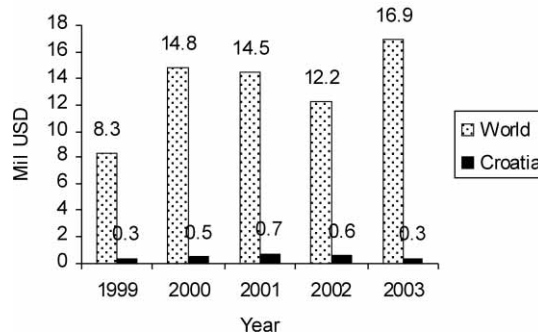
FEATURE ARTICLE

CCA-3016

**Outsourcing in Pharmaceutical Research and Development.
Opportunities and Challenges**

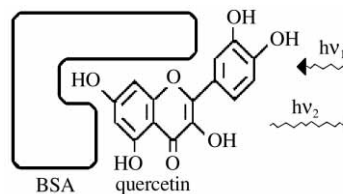
Smiljka Vikić-Topić

PLIVA outsourcing expenditures

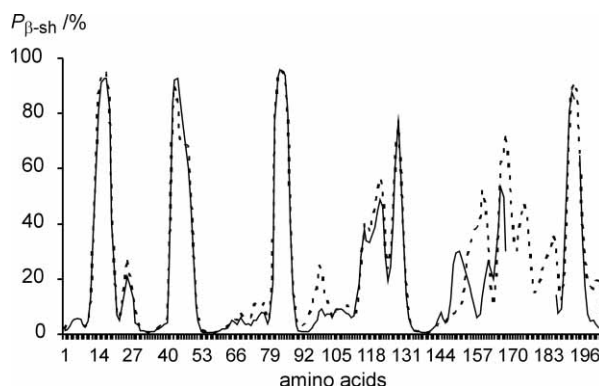
*Croat. Chem. Acta* **78** (2005) 333–336

ORIGINAL SCIENTIFIC PAPERS

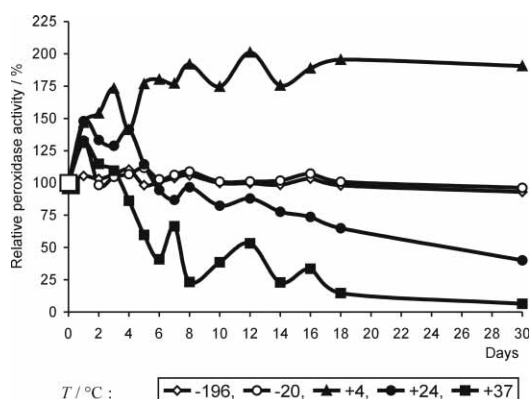
CCA-3017

**Monitoring Flavonoid Metabolism in Human Cells by
Exploiting Fluorescence Elicited upon Quercetin/Protein Interactions**
Herwig O. Gutzeit, Sergey V. Tokalov, Jutta Ludwig-Müller,
and Gordana Rusak*Croat. Chem. Acta* **78** (2005) 337–342

CCA-3018

**Identification and Analysis of cDNAs Encoding
Two Nucleoside Diphosphate Kinases (NDPK/Nm23)
from the Marine Sponge *Suberites domuncula***
Matija Harcet, Lada Lukić-Bilela, Helena Četković,
Werner E. G. Müller, and Vera Gamulin*Croat. Chem. Acta* **78** (2005) 343–348

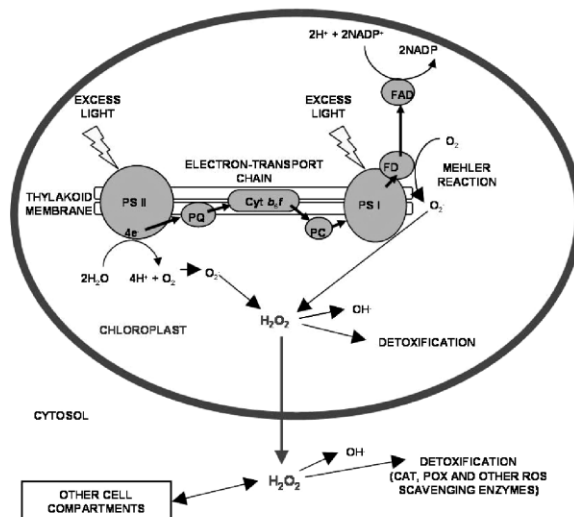
CCA-3019

**Influence of Storage Temperature on Total Peroxidase
Activity in Crude Extracts from *Picea abies* L. Karst.
Needles**
Elizabeta Has-Schön, Hrvoje Lepeduš, Ljiljana Jerabek,
and Vera Cesar*Croat. Chem. Acta* **78** (2005) 349–353

CCA-3020

Guaiacol Peroxidases and Photosynthetic Pigments during Maturation of Spruce Needles

Hrvoje Lepeduš, Vlatka Gaća, and Vera Cesar

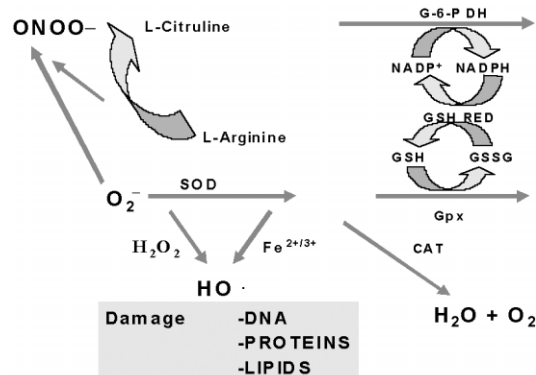


Croat. Chem. Acta **78** (2005) 355–360

CCA-3021

Does Long-term Exercise Modulate Oxidant/Antioxidant Status in Humans? Comparison between Lipid Peroxidation and Catalase Activity in Fresh and Stored Samples

Ana Šverko, Sandra Sobočanec, Tihomir Balog, Borka Kušić, Višnja Šverko, and Tanja Marotti

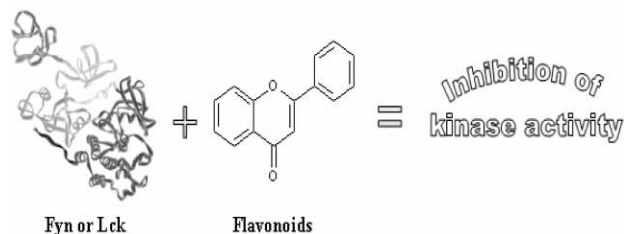


Croat. Chem. Acta **78** (2005) 361–366

CCA-3022

Flavonoids as Inhibitors of Lck and Fyn Kinases

Maja Čalić, Dubravko Jelić, Roberto Antolović, Krunoslav Nujić, Nikola Marjanović, Darija Stupin Polančec, Smiljka Vikić-Topić, and Donatella Verbanac

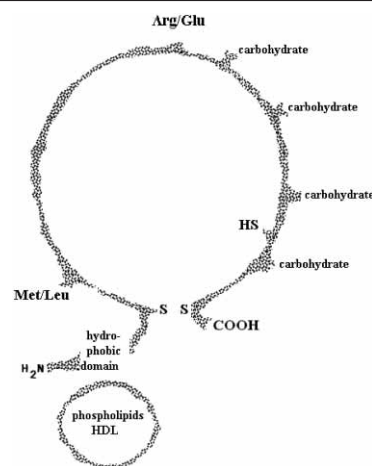


Croat. Chem. Acta **78** (2005) 367–374

CCA-3023

Oxidative Stress in Dairy Cows – Serum Paraoxonase Activity Related to Hepatomegaly

Romana Turk, Dubravka Juretić, Darko Gereš, Nenad Turk, Vera Simeon-Rudolf, Branka Rekić, and Ante Svetina

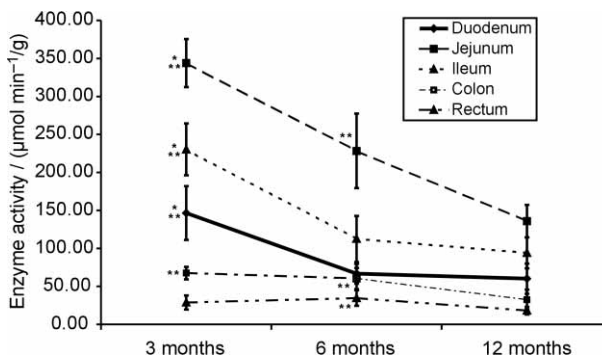


Croat. Chem. Acta **78** (2005) 375–378

CCA-3024

Age Dependent Activity of Brush-border Enzymes in BALB/c Mice

Jadranka Varljen, Dijana Detel, Lara Batičić, Vesna Eraković, Nataša Štrbo, Mira Ćuk, and Čedomila Milin

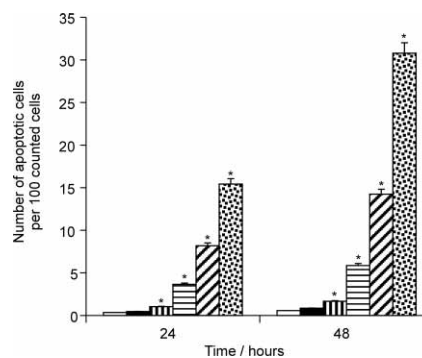


Croat. Chem. Acta **78** (2005) 379–384

CCA-3025

Ochratoxin A Induces Apoptosis in LLC-PK1 Cells via JNK and p38 MAPK Activation

Karmela Barišić, Lada Rumora, József Petrik, Ivana Čepelak, and Tihana Žanić-Grubišić



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CCA-3026

High Estimated Likelihood Ratio Might Be Insufficient in a DNA-lead Process of Identification of War Victims

Snježana Džijan, Dragan Primorac, Mladen Marcikić, Šimun Anđelinović, Davorka Sutlović, Sanja Dabelić, and Gordan Lauc

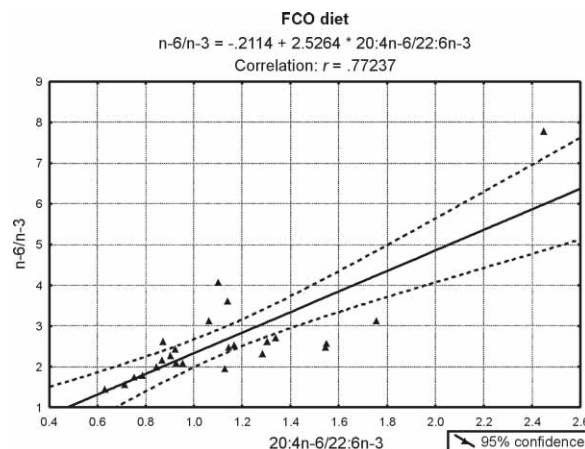
Locus	Son	NN
DYS 393	14	14
DYS 19	15	14
DYS 389II	32	31
DYS 390	25	25
DYS 391	10	9
DYS 385a/b	12; 13	17; 19

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CCA-3027

Incorporation of Fatty Acids into Tissue Phospholipids in Mice Fed Diets Rich in n-9 and n-6 Fatty Acids

Jasminka Giacometti, Čedomila Milin, Marin Tota, Mira Ćuk, and Biserka Radošević-Stašić

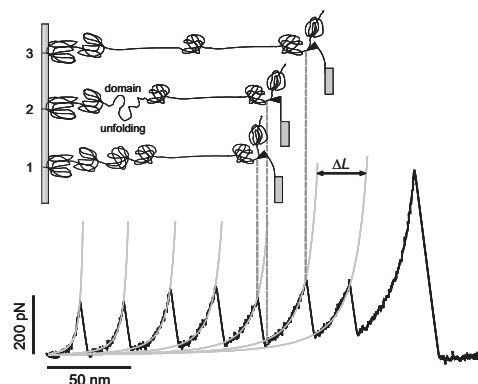


Croat. Chem. Acta **78** (2005) 397–404

CCA-3028

Local Variability in the Mechanics of Titin's Tandem Ig Segments

László Grama, Attila Nagy, Clara Scholl, Tamas Huber, and Miklós S. Z. Kellermayer

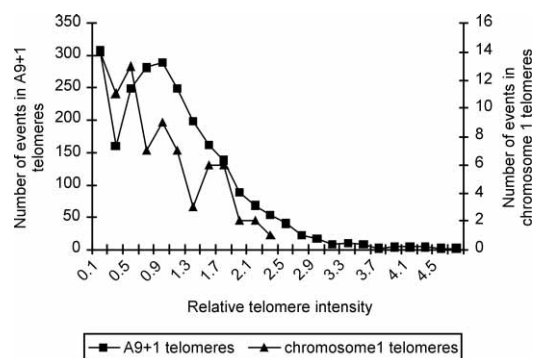


Croat. Chem. Acta **78** (2005) 405–411

CCA-3029

Human Chromosome 1 in Mouse Immortal Cell Background

Maja Matulić, Irena Jevtov, Marina Ferenac, Nikolina Škrobot, Kaoru Tominaga, and Ivica Rubelj

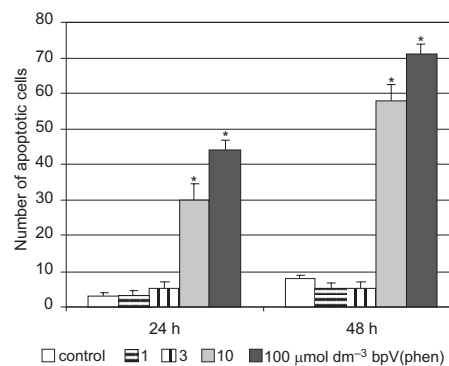


Croat. Chem. Acta **78** (2005) 413–418

CCA-3030

Concentration-dependent Effects of Peroxovanadium Compound bpV(phen) on PC12 Cell Survival

Lada Rumora, Karmela Barišić, József Petrik, and Tihana Žanić Grubišić

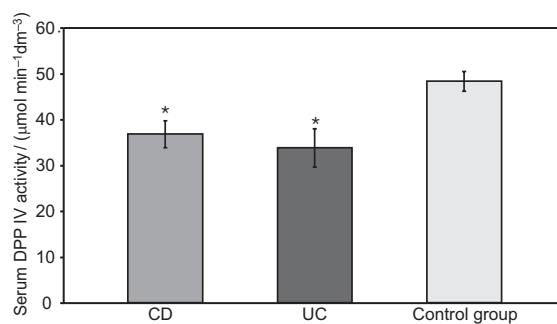


Croat. Chem. Acta **78** (2005) 419–425

CCA-3031

Clinical Relevance of the Serum Dipeptidyl Peptidase IV (DPP IV/CD26) Activity in Adult Patients with Crohn's Disease and Ulcerative Colitis

Jadranka Varljen, Brankica Mijandrušić Sinčić, Lara Batičić, Neven Varljen, Dijana Detel, and Andrica Lekić

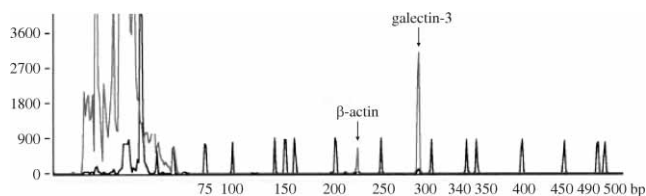


Croat. Chem. Acta **78** (2005) 427–432

CCA-3032

Effects of Aspirin and Indomethacin on Galectin-3

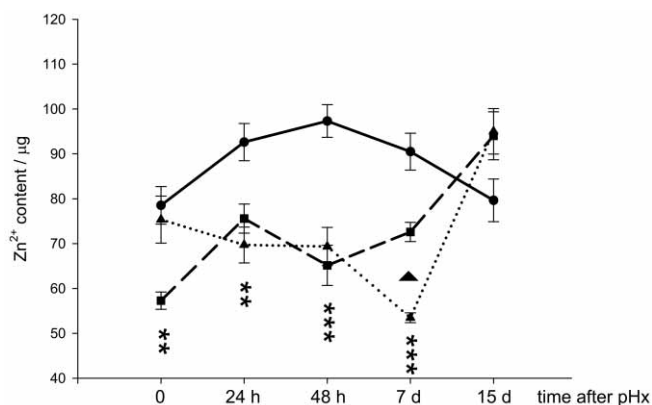
Sanja Dabelić, Mirna Flögel, and Jerka Dumić

*Croat. Chem. Acta* **78** (2005) 433–440

CCA-3033

Olive and Corn Oil Enriched Diets as Modulators of Mineral Content in the Submandibular Gland during Liver Regeneration

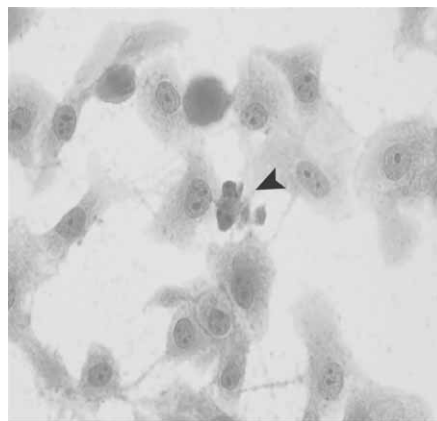
Čedomila Milin, Marin Tota, Robert Domitrović, Radojka Pantović, Jasminka Giacometti, Mira Ćuk, Ines Mrakovčić-Šutić, Hrvoje Jakovac, and Biserka Radošević-Stašić

*Croat. Chem. Acta* **78** (2005) 441–446

CCA-3034

Ochratoxin A Induces Apoptotic and Necrotic Renal Cell Death

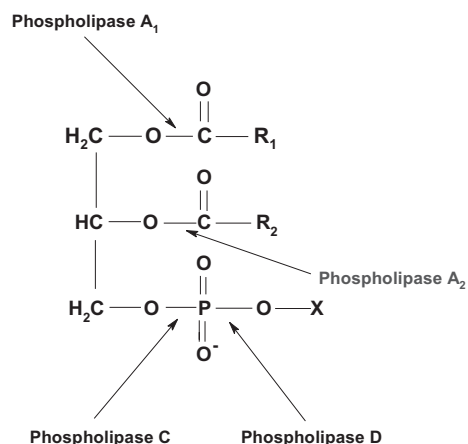
József Petrik, Ana Malić, Karmela Barišić, Lada Rumora, Tamás Kőszegi, Stjepan Pepeljnjak, Tihana Žanić-Grubišić, and Ivana Čepelak

*Croat. Chem. Acta* **78** (2005) 447–453

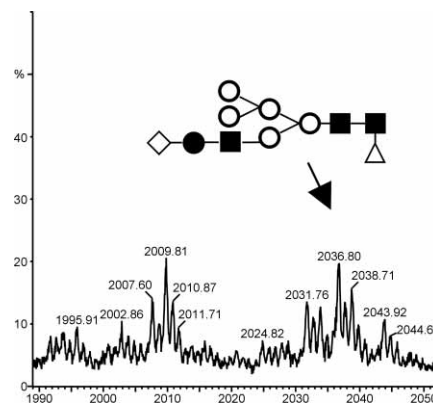
CCA-3035

Effect of Hyperbaric Oxygenation on the Level of Free Fatty Acids in Experimental Spinal Cord Injury in Rabbits

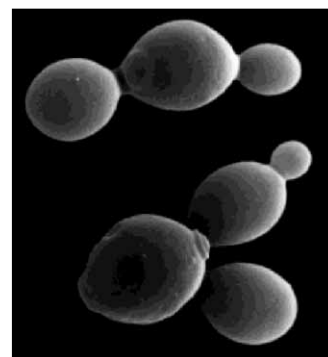
Radojka Pantović, Pero Draganić, Vesna Eraković, Branka Blagović, Čedomila Milin, and Ante Simonić

*Croat. Chem. Acta* **78** (2005) 455–462

CCA-3036

Determination of *Mammillaria gracillis* N-glycan Patterns by ESI Q-TOF Mass SpectrometryBiljana Balen, Alina Zamfir, Sergey Y. Vakhrushev,
Marijana Krsnik-Rasol, and Jasna Peter-Katalinić*Croat. Chem. Acta* **78** (2005) 463–477

CCA-3037

Characterization of Lipid Components in the Whole Cells and Plasma Membranes of Baker's YeastBranka Blagović, Marko Mesarić,
Vladimir Marić, and Jasminka Rupčić*Croat. Chem. Acta* **78** (2005) 479–484**APPENDIX****BOOK REVIEW**

Smiljko Ašperger

A17–A19