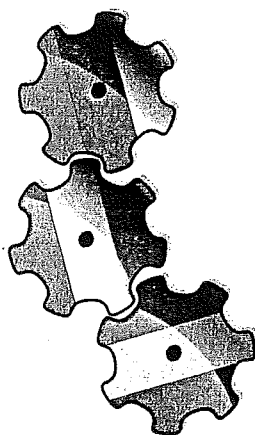
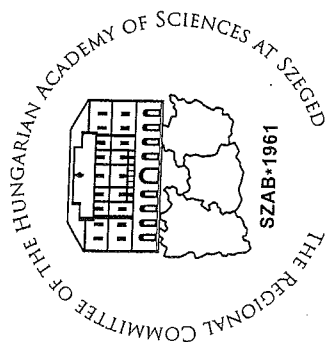


The Regional Committee
of the Hungarian Academy
of Sciences at Szeged

13-15. October 2010.
Szeged

Magyar
Tudományos
Akadémia



ISIRR 2010

11th
International
Symposium
Interdisciplinary
Regional
Research

Felelős kiadó:
Prof. Dr. Dékány Imre,
az MTA r. tagja, a SZAB elnöke
Szeged 2010.

HUNGARY - ROMANIA - SERBIA

SA-5.

**EFFECT OF THE STORAGE CONDITIONS
ON THE COLOUR CHARACTERISTICS OF PAPRIKA POWDERS**

Zsuzsanna H. Horváth

SA-6.

ECONOMICAL QUESTIONS OF IRRIGATION IN FIELD CROPS

Péter Karácsonyi

SA-7.

**SIMPLE CALCULATION METHOD FOR DETERMINATION
OF NUTRIENT DOSE OF THE CROP PLANTS**

István Kocsis, László Pásztor, Gábor Csizmarik, Péter Simándi

SA-8.

HOST RESPONSE TO CANDIDA PARAPSILOSIS INFECTION

Csaba Papp, Tibor Mihály Németh, Adél Tóth, Csaba Vágvolgyi, Zsuzsanna Hamari, Attila Gácsi

SA-9.

**UPTAKING OF MACRO-NUTRIENTS
IN CUCUMBER HYDROPONIC PRODUCTION**

Zsuzsanna I. Rácz, Péter Simándi, István Kocsis, Gábor Csizmarik

SA-10.

**COMPARISON OF MATERIAL TRANSFORMATION PROCESSES
IN COMPOSTS PREPARED BY DIFFERENT METHODS**

Péter Simándi, Zsuzsanna I. Rácz, István Kocsis, Gábor Csizmarik

Section B. (Biology)

Moderators:

Prof. Dr. László Erdei

Prof. Dr. Csaba Vágvolgyi

Oral Presentations (11:00-13:00)

Serbia:

**CHANGES IN NUTRITIVE QUALITY OF PLUMS OSMODEHYDRATED
IN SUGAR BEET MOLASSES**

Gordana Koprivica, Nevena Misljenovic, Ljubinko Levic,

Tatjana Kuljanin, Lidija Jevric

**IMPROVING OF THE FUNCTIONAL PROPERTIES OF CUCURBITIN,
PUMPKIN SEED GLOBULIN, BY ENZYMATIC MODIFICATION**

Ljiljana Popović, Draginja Perićin, Žužana Vaštag, Senka Popović

**ENZYMATIC HYDROLYSIS OF PUMPKIN, RAPESEED AND SOY PROTEIN
ISOLATES; A COMPARISON OF ANALYTICAL METHODS
TO DETERMINE THE DEGREE OF HYDROLYSIS**

Žužana Vaštag, Draginja Perićin, Senka Popović, Ljiljana Popović

Hungary:

**PEROXIDASE ACTIVITIES AND EXPRESSION LEVEL DURING OSMOTIC-
STRESS IN ROOTS OF WHEAT GENOTYPES DIFFERING IN DROUGHT
TOLERANCE**

Jolán Csizsár, Ágnes Gallé, Edit Horváth, Pirooska Dancsó, Magdolna Gombos,
Dániel Benyó, Zsuzsanna Kolbert, Mária Szécsényi, János Györgyey, Irma
Tari, László Erdei

**IDENTIFICATION OF THE BIOSYNTHETIC PATHWAY OF PGE2
IN CANDIDA PARAPSILOSIS OLE2 DELETION MUTANTS**

Zsuzsanna Grózer, Zsuzsanna Hamari, Renáta Tóth, Csaba Vágvolgyi,
Attila Gácsi

14:00-16:00

**CANDIDA PARAPSILOSIS SECRETED ASPARTYL PROTEASES
AS VIRULENCE FACTORS IN HOST-PATHOGEN INTERACTIONS**

Péter Ferenc Horváth, Zsuzsanna Hamari, Tibor Németh,
Csaba Vágvolgyi, Attila Gácsi

**INTERACTIONS OF NANOPARTICLES AND LIVING ORGANISMS:
TOXIC AND OTHER EFFECTS**

András Papp, Gábor Oszlanczi, Szabolcs Takács,
Zsuzsanna Máté, Andrea Szabó,

SEMISYNTHESIS OF MEMBRANE - ASSOCIATED PROTEINS

Balázs Schäfer, Mariann Majer, Ervin Weiken, Csaba Tömböly

**OXIDATIVE STRESS RESPONSES OF SALICYLIC ACID PRE-TREATED
TOMATO PLANTS DURING SALT STRESS**

Ágnes Szepesi, Jolán Csizsár, Katalin Gémes, Gábor Orosz, Péter Poór,
Zoltán Takács, Irma Tari

**IMPROVEMENT OF SALT STRESS ACCLIMATION OF TOMATO
BY SALICYLIC ACID: THE ROLE OF OSMOTIC ADAPTATION**

I. Tari, P. Poór, K. Gémes, Á. Szepesi, D. Szopkó, L.M. Simon, J. Csizsár

CONNECTION BETWEEN SULFUR METABOLISM

AND HYN HYDROGENASE IN THIOCAPSA ROSEOPERSICINA
Roland Tengőlics, Tünde Csata, Edit Györi, Livia Mészáros,
Kornél L. Kovács, Gábor Rákhely

Poster Presentations (continuously)

Romania:

SB-1.

**PHYSICO-CHEMICAL CHARACTERISATION AND IN VITRO INVESTIGATION
OF SOME 4'-DIAMINOBENZANILIDE AZO DERIVATIVES**

Georgeta-Maria Simu, Maria Elena Grad, Germaine Savoiu-Balint, Mihaela An-
doni

Serbia:

SB-2.

**A THERMODYNAMIC STUDY CONCERNING THE ADSORPTION
ON A CELLULOSIC SUBSTRATE OF A NEW AZOCOMPOUND
CONTAINING 4,4'-DIAMINOBENZANILIDE MOIETY**

Georgeta-Maria Simu, Simona Funar-Timofei, Gianina Bals

SB-3.

GENETIC DIVERSITY OF AMBROSIA ARTEMISIIFOLIA (L.) IN SERBIA
Natasa Kocis Tubic, Dragana Obrecht, Mihajla Djan, Pal Boza

SB-4.

**CORRELATIONS BETWEEN STRUCTURE AND ANTIFUNGAL ACTIVITY
OF SOME BENZOXAZOLE DERIVATIVES**

Sanja Podunavac-Kuzmanovic