

Bridges in Life Sciences 6th Annual Meeting & 11th RECOOP HST Consortium Strategic Alliance Meeting

April 8-9-10, 2011

Agenda

Venue

Hotel TATRA, a.s.

Nám. 1 mája č.5, 811 06 Bratislava, Slovakia

Tel.: +421 2 592 72 123; Fax.: +421 2 592 72 135

E-mail: repcia@hoteltatra.sk; Web: www.hoteltatra.sk

General Information

Oral presentation 10 minutes and 5 minutes discussion

Poster presentation 5 minutes explanation and 5 minutes discussion. Poster size is width 90 x height 120 cm. The posters should be installed on April 7 evening and removed on April 9 evening.

Congress Center LUX Foyer

April 7, 2011 Arrival 19:30 Welcome dinner

**April 8, 2011 6th Annual Scientific Meeting
*Conference Hall LUX***

8:30 Opening of the 6th Annual Scientific Meeting

9:00 – 13:00 **Parallel Network Meetings**

11:00 – 11:30 Coffee Break

Women's Health and CVD

Conference Hall A

Mother and Child Health

Conference Hall B

Nanobiotechnology

Lounge Classic

Animal Care and Use

Lounge Grand

Biosafety and Biosecurity

Suite de Lux

9:00 – 13:00 Young Scientists Training Courses

Conference Hall LUX

9:00 – 9:45 Visegrad Scholarship

Conference Hall LUX

Dana Pekaríková,
Program Manager
Residencies/Scholarships/Studies Grant
The International Visegrad Fund (IVF)

10:00 – 13:00 Scientific Communication for Doctoral Students

Conference Hall LUX

11:00 – 11:30 Coffee Break

Prof. Ana Marusic, MD, PhD
Head, Department of Research in Biomedicine and Health
Editor in Chief, Croatian Medical Journal
University of Split School of Medicine

13:00 Lunch Break

14:00 – 18:00 6th Annual Scientific Meeting

Conference Hall LUX

14:00 - 15:30 **Cancer Research**

15:30 – 16:00 Coffee Break

16:00 – 17:30 **Cardiovascular**

17:30 – 19:00 **Drug Development and Pharmaceutical Research**

19:30 Dinner

April 9, 2011 6th Annual Scientific Meeting

Conference Hall LUX

8:45 Announcements

9:00 – 10:30 **Mother and Child Health**

10:30 – 11:00 Coffee Break

11:00 – 12:30 **Translational and Bio – Nano -Technology**

13:00 – 14:00 Lunch Break

Parallel Sessions

14:00 – 18:00 Poster Session

Congress Center LUX Foyer; Conference Hall A

16:30 – 18:00 Coffee Break

14:00 – 18:00 RECOOP HST Consortium Governing Council Meeting

Conference Hall A

18:30 -19:00 Closing Remarks

Conference Hall LUX

19:30 Farewell Dinner

April 10, 2011 6th Annual Scientific Meeting

8:00 – 12:30 Continuation of the Network Meetings

Women's Health and CVD

Conference Hall A

Mother and Child Health

Conference Hall B

Nanobiotechnology

Lounge Classic

Animal Care and Use

Lounge Grand

Biosafety and Biosecurity

Suite de Lux

12:30 Lunch

Departure

April 8 and 10, 2011 Network Meetings

On April 8 and 10 mornings from 9 - 13:00 pm

3rd Women's Health and Cardiovascular Diseases Network Meeting in Bratislava, Slovakia

Young Scientists Women's Health and Cardiovascular Diseases Network Research Review

Genetic Determinants of Cardiovascular Disease and its Risk Factors

Verona Gogalova, Slovak Medical University, Bratislava, Slovakia

Age related changes in rat cardiac spinal afferent neurons

Guić Maja Marinović, University of Split, School of Medicine in Split, Croatia

Gender specifics of off-pump coronary bypass grafting

Leonidovich Mykola Rudenko, M. M. Amosov National Institute of Cardiovascular Surgery, Academy of Medical Sciences of Ukraine (AMSU)

Review the Network's activities

- 1) Review of the Minutes of 2nd Women's Health and Cardiovascular Diseases Network Meeting, Prague, Czech Republic, September 24 -26, 2010**
Sandor G. Vari
- 2) Review of the electronic data collection of the Retrospective Study – discuss the problems?**
Ana Fruntelata / Gyula Markovics
- 3) Review of the electronic data collection of the Prospective Study - discuss the problems?**
Attila Borbely / Gyula Markovics
- 4) Finalization of the Memorandum of Understanding (MoU).**
Sandor G. Vari
- 5) Review of the Pilot Studies**
 - a) Ovariectomized rats with myocardial ischemia for**
 - 1.) Adrenergic receptors regulation, 2.) Gender difference and obesity

Marija Heffer

b) Antioxidant status in the context of obesity in humans and single nucleotide polymorphisms in obesity-related genes

Katarina Volkovova

c) Hemodynamic Pilot Study

Vitaly Maksymenko

d) The role of connexin 37 gene polymorphism (1019C>T; Pro319Ser) in cardiovascular disease

Jan Pitha

e) Genetic Determinants of Cardiovascular Disease and its Risk Factors

Katarina Volkovova

f) Cardiovascular Disease Prevention via Control of the Menopausal Symptoms in Younger Age Women

Sandor G. Vari

g) Twins database

Adam and David Tarnoki

6) Grant application for Education for Competitiveness Operational Programme Period 2007–2013 (ECOP, OP VK in Czech) The Ministry of Education, Youth and Sports (MEYS) Czech Republic

Priority Axis No. 2: Tertiary Education, Research and Development

Areas of Support: 2.4 Partnerships and networks

Jan Pitha

7) Visegrad Strategic Grant for RECOOP Research Platform: “Women’s and Child Health is the future of the Visegrad Four Countries”

The RECOOP HST Consortium will integrate the ongoing research works in the Research Networks of the Women's Health (WH) and Cardiovascular Diseases (CVD), Mother and Child Health and Translational and Nano – Bio – Technology Research for Cancer Treatment into one RECOOP Research Platform Strategic Grant will be submitted to the International Visegrad Fund on May 16, 2011.

Sandor G. Vari

5th Mother and Child Health (MOCHEA) Research Network meeting

1. Young Scientists Mother and Child Health (MOCHEA) Network Research Review

Maternal factors related to preterm birth

Edina Flach, Faculty of Medicine, University of Pécs, Hungary

Amniotic fluid concentrations of soluble scavenger receptor for hemoglobin (sCD163) in pregnancy complicated by preterm prelabor rupture of the membranes and histologic chorioamnionitis

Marian Kacerovsky, Charles University in Prague, Faculty of Medicine Hradec Kralove, University Hospital Hradec Kralove, Czech Republic

Coxsackievirus infections during pregnancy

Lenka Marošová, Slovak Medical University, Bratislava, Slovakia

Preconceptional risk factors and preterm birth

Jasminka Rešić, University Hospital Split, School of Medicine, University of Split, Croatia

Preterm birth in women with vaginal disbiosis -prediction and prevention

Sergiy Shurpyak, Danylo Halytsky Lviv National Medical University, Lviv, Ukraine

Risk factors of PTB, survey based on the retrospective analysis of PTBs at our clinic between 2007 and 2009

Balázs Zinner, Semmelweis University, Budapest, Hungary

2. Review MOCHEA Retrospective Data Collection (*Sandor G. Vari, Gyula Markovics, Chander P. Arora*)

3. Discuss Publishing Plan of the Retrospective Data (*Calvin Hobel*)

4. Review MOCHEA Prospective Data Collection (*Sandor G. Vari, Gyula Markovics, Chander P. Arora*)

5. Discuss Planned Pilot Studies:

a) Prospective data collection to investigate the risk factors of PTB in general and roma population (*Iuliana Ceausu*)

Participants expressed interest:

“Carol Davila” University of Medicine and Pharmacy, Bucharest
University of Debrecen
University of Pecs
Semmelweis University Budapest
Slovak Medical University
School of Medicine University Josip Juraj Strossmayer Osijek
Danylo Halytsky Lviv National Medical University, Lviv, Ukraine

b) International Genome Wide Search Leading to Preterm Birth in Central and Eastern Europe (INTERGENE PTB CEE) Pilot Study, review the collection of blood spot samples of Preterm Birth with Unruptured Membrane. (*Chander P. Arora*)

Participants expressed interest:

Cedars – Sinai Medical Center
University Hospital in Hradec Kralove
School of Medicine University Josip Juraj Strossmayer Osijek
University of Split School of Medicine
University of Debrecen
University of Pecs
Semmelweis University Budapest
Slovak Medical University
“Carol Davila” University of Medicine and Pharmacy, Bucharest
Central Clinical Hospital of Interior and Administration, Warsaw
Danylo Halytsky Lviv National Medical University, Lviv, Ukraine

c) Human Microbiome in Preterm Premature Rupture of Membranes (*Marian Kacerovsky*)

Participants expressed interest:

University Hospital in Hradec Kralove
University of Debrecen
University of Pecs
Semmelweis University Budapest
Slovak Medical University
Cedars- Sinai Medical Center

d) Virus infections in pregnant women and possible effects on course of pregnancy (*Shubhada Bopegamage*)

Participants expressed interest:

University Hospital in Hradec Kralove

University of Debrecen
University of Pecs
Semmelweis University Budapest
Slovak Medical University
Cedars- Sinai Medical Center

e) Maternal plasma PTX3 concentration: gene expression study of pentraxin 3 (Ptx3) mRNA (*Marian Kacerovsky, Charles F. Simmons, Jr.*)

Participants expressed interest:
University Hospital in Hradec Kralove
Cedars- Sinai Medical Center

f) Medication/Drug use during pregnancy

Participants expressed interest:
Department of Pharmacoepidemiology, Zagreb Institute of Public Health

7. Review the International Visegrad Fund Strategic Grant application: “Future of Visegrad Four Families Depend on Healthy Women and Children”
Submission date: May 16, 2011. Applicant: University of Debrecen (*Sandor G. Vari*)

Participants expressed interest:

University Hospital in Hradec Kralove
School of Medicine University Josip Juraj Strossmayer Osijek
University of Split School of Medicine
University of Debrecen
University of Pecs
Semmelweis University Budapest
Slovak Medical University
“Carol Davila” University of Medicine and Pharmacy, Bucharest
Danylo Halytsky Lviv National Medical University, Lviv, Ukraine
Cedars – Sinai Medical Center

8. MoU Final Version (*Sandor G. Vari*)

9. Overview the next project:

“Better Future for Newborn and Healthy Life for Youth” (Butterfly)

Systematic gathering of newborn biological specimens for proteomic and genotyping analysis, with parallel development of an annotated database of NICU morbidities and mortality data during NICU admission. (*Sandor G. Vari and Charles F. Simmons, Jr.*)

2nd Nanobiotechnology Network Meeting

1. Young Scientists Nanobiotechnology Network Research Review

Synthesis and optical properties of new class of inorganic optical markers based on lanthanides emission for bio-medical applications

Artur Podhorodecki, Wroclaw University of Technology, Poland

Role of Wnt11 in regulating Alveolar Type II (ATII) differentiation: evidence from clinical samples and a three-dimensional lung tissue model

Domokos Bartis, Medical Faculty, University of Pécs, Hungary

Differential human cancer cells sensitivity to individual amino acid deprivation

Yuliya Kurlishchuk, Institute of Cell Biology, National Academy of Sciences of Ukraine, Lviv

Effect of autophagy modulation on human ovarian carcinoma response to arginine deprivation

Galyna Shuvayeva, Institute of Cell Biology, National Academy of Sciences of Ukraine, Lviv

2. Discussion of collaborative research in the Nanobiotechnology Network

Leland Chung	Quantum Dot Multiplexing Technology for Cancer Diagnosis and Prognosis
S. Moein Moghimi	Design and surface engineering of nanoscale vehicles
Daniel Horák	Nanotech coatings and cell labeling
Artur Podhorodecki	Synthesis and properties nanoparticles,
Rostyslav Stoika	Bio-applications functionalized nanosized carriers
Roman Lesyk	Targeted drug delivery with nanoparticles for cancer
Valeriy Filonenko	Tumor markers for diagnostic and therapy
Jana Tulinska	Nanoparticles toxicology testing in animal models
Judit E. Pongracz	Nanoparticles testing in 3D lung cell culture

3. Select main research activities for the Nanobiotechnology Network's strategic research plan.

4. Finalize the Agenda of the August 22 satellite meeting of the 8th European Biophysics Congress is held in Budapest, Hungary between 23-27 August 2011
<http://ebsa2011.org>

3rd Animal Care and Use (CAUSE) 3rd Network Meeting

The RECOOP HST Animal Care and Use (CAUSE) Network closes the gaps between basic and clinical sciences and translates complex biological discoveries via preclinical animal research into medical advances. RECOOP HST CAUSE Network performed Program Status Evaluation (PSE) and SWOT analysis, and as a next step the Network creates guidelines and standard operating procedure (SOP) for the animal facilities. The CAUSE Network outlines bi methodology training programs for young researchers and PhD students for use of research animals.

1. Lesson learned from Program Status Evaluation (PSE) and SWOT analysis

2. Summary of the RECOOP HST CAUSE Network's Program Status Evaluation (PSE) and SWOT analysis

3. Suggestions for the Standard Operating Procedures and discussion:

- A.) The Institutional Policies and Responsibilities: monitoring the veterinary care, personnel qualifications and training, facilities, procedures, and monitoring.
- B.) Animal Environment, Housing, and Management: the physical environment, animal space, food, water, bedding sanitation, cleaning and disinfection, population management.
- C.) Veterinary Medical Care: animal procurement, transportation, surveillance, diagnosis, treatment, surgical procedures, pain, distress, analgesia, anaesthesia and euthanasia, storage and control of drug.
- D.) The Physical Plant: the general arrangement and condition of animal care facilities. No risk involved nevertheless meticulous analysis and consensus making has to be done for best practice.

4. List the requirements for mouse and rat bi methodology training for young scientists

5. Recommendations for the Agenda of the Animal Care and Use (CAUSE) 4th Network Meeting in October, Bratislava

3rd Biosafety and Biosecurity Network Meeting

- 1. Minutes of the RECOOP HST Consortium Biosecurity and Dual Use of Biotechnologies 2nd Network Meeting, October 8-10, 2010 in Hradec Kralove, Czech Republic**

Sandor G. Vari

- 2. Refresh and review the RECOOP HST Biosecurity Network's Survey**

Pavel Bostik

- 3. Review the responsibilities and training of PhD students and life scientists for biosafety**

Shubhada Bopegamage

- 4. Draft of the training program for RECOOP HST**

Judit Szabo

- 5. Milestones for training program development**

Sandor G. Vari

April 8, 2011 6th Annual Scientific Meeting

14:00 - 15:30 Cancer Research

Senior Scientists' Forum

Molecular theranostics in cancer metastasis

Leland Cheng, Cedars-Sinai Medical Center, Los Angeles, California, USA

Thiazolidinone motif in anticancer drug discovery. Experience of DH LNMU medicinal chemistry scientific group

Roman Bogdanovych Lesyk, Danylo Halytsky Lviv National Medical University, Lviv, Ukraine

Young Scientists' Forum

Candidate SEREX-identified antigens for detection of breast cancer autoantibody profile

Olga Kostianets, Institute of Molecular Biology and Genetics of the National Academy of Sciences of Ukraine, Kyiv

Adaptor protein RUK/CIN85 influences hypoxia-inducible factor 1 alpha stability in tumor cells

Nina Kozlova, Palladin Institute of Biochemistry, National Academy of Sciences of Ukraine, Kyiv

Analysis of potential ovarian cancer biomarker NaPi2b (SLC34A2) expression in ovarian cancer

Maksym A. Shyian Institute of Molecular Biology and Genetics of the National Academy of Sciences of Ukraine, Kyiv

Combination of arginine deprivation and canavanine treatment as anticancer approach: study in 3-D culture

Bozhena Vynnytska Institute of Cell Biology, National Academy of Sciences of Ukraine, Lviv

16:00 – 17:30 Cardiovascular Research

Senior Scientists' Forum

The role of sex specific stress response in heart failure

Marija Heffer, School of Medicine, Josip Juraj Strossmayer University of Osijek, Osijek, Croatia

The role of connexin 37 gene polymorphism (1019C>T; Pro319Ser) in cardiovascular disease

Pitha Jan, Institute for Clinical and Experimental Medicine (IKEM), Prague, Czech Republic

Young Scientists' Forum

Comparison of cardiovascular risk factors in women and men patients with ischemic heart disease – a retrospective study

András Durkó, Medical and Health Science Center, University of Debrecen, Hungary

Genetic effects on central blood pressure and pulse pressure and their associations with arterial stiffness

Adam Domonkos Tarnoki, Semmelweis University, Budapest, Hungary

The analysis of hepatic transcriptome in Prague Hereditary Hypercholesterolemic (PHHC) rat – an experimental model of hypercholesterolemia

Miluse Zimolova, Institute for Clinical and Experimental Medicine (IKEM) Czech Republic

17:30 – 19:00 Drug Development and Pharmaceutical Research

Senior Scientists' Forum

The binding properties of some novel ruthenium (III) complexes with human serum transferrin

Andreea Arsene, "Carol Davila" University of Medicine and Pharmacy, Bucharest, Romania

Comparison of dual acting and conventional NSAIDs towards parameters of NO-synthase system and oxidative stress in mucosal membrane of large intestine of rats with experimental ulcerative colitis

Alexander Yakovlevich Sklyarov Danylo Halytsky Lviv National Medical University, Lviv, Ukraine

Young Scientists' Forum

Design, synthesis and antitumor activity screening of novel heterocyclic derivatives of 4-thiazolidinones based on the hybrid pharmacophore approach

Dmytro Havrylyuk, Danylo Halytsky Lviv National Medical University, Lviv, Ukraine

Drug design and structure-functional interrelationships underlying in molecular mechanisms of anticancer activity of novel thiazolidone derivatives

Rostyslav Panchuk Institute of Cell Biology, National Academy of Sciences of Ukraine, Lviv, Ukraine

April 9, 2011 6th Annual Scientific Meeting
9:00 – 10:30 Mother and Child Health

Senior Scientists' Forum

Role of Vitamin D in Modulating Gestational Diabetes

Chander P. Arora, Cedars-Sinai Medical Center, Los Angeles, California, USA

Metabolic syndrome is inversely related to soluble receptor for advanced glycation end products: a study in mother-child pairs

Katarina Šebeková, Faculty of Medicine, Comenius University, Bratislava, Slovakia

Young Scientists' Forum

Spontaneous and induced preterm births have different obstetric characteristics and risk factors

Bence Kozma, University of Debrecen, Medical and Health Science Center, Hungary

The relationship between preterm birth and risk factors in Slovak republic

Kinga Lancz, Slovak Medical University, Bratislava, Slovakia

Epidemiologic impact of the new diagnosis criteria in gestational diabetes mellitus

Andrada Mihai, Carol Davila" University of Medicine and Pharmacy, Bucharest, Romania

Ultrasound transverse diameter of fetal thymus as a marker of histological chorioamnionitis in women with preterm prelabor rupture of the membrane-

Ivana Musilova, Charles University in Prague, Faculty of Medicine Hradec Kralove, University Hospital Hradec Kralove, Czech Republic

10:30 – 11:00 Coffee Break

11:00 – 13:00 Translational and Nano – Biotechnology

Senior Scientists' Forum

Quantum dot multiplexing technology for cancer diagnosis and prognosis

Haiyen Zhou, Cedars- Sinai Medical Center, Los Angeles, California, USA

Persistence of viral RNA in the brain of experimentally infected mice with coxsackievirus B5

Shubhada Bopegamage, Slovak Medical University, Bratislava, Slovakia

Young Scientists' Forum

Comparative characteristics action of COX-2 selective inhibition and COX/LOX dual blockage on ulcerogenic processes in gastric mucosa of rats

Iryna Fomenko, Danylo Halytsky Lviv National Medical University, Lviv, Ukraine

Anticancer activity of novel drugs delivered by newly synthesized polymeric nanocarriers

Liliya Lehk, Institute of Cell Biology, National Academy of Sciences of Ukraine, Lviv

Characteristics of colorectal cancer operated at University Hospital Split, Croatia

Jakov Mihanovic, University Hospital Centre Split, School Of Medicine, University of Split, Croatia

Characterization of novel mTOR-kinase splicing isoforms

Oleksandr Skorokhod, Institute of Molecular Biology and Genetics of the National Academy of Sciences, Ukraine, Kyiv

Deep proteome characterization as a tool for identification of novel intraamniotic infection and inflammation biomarkers in preterm birth patients

Vojtech Tambor, Faculty of Military Health Sciences, University of Defence, Hradec Kralove, Czech Republic

April 9, 2011 6th Annual Scientific Meeting

14:00 – 18:00 Poster Session

Cancer Research

Glioma tumor markers - CHI3L1 and CHI3L2 in cell signaling and fate

Pavlo O. Areshkov, Institute of Molecular Biology and Genetics of the National Academy of Sciences, Ukraine, Kyiv

Expression and biological role of adapter protein Ruk/Cin85 in human cervical adenocarcinoma

Olga Basarab, Palladin Institute of Biochemistry, National Academy of Sciences of Ukraine, Kyiv

Studying mTORC2 architecture

Oksana Malanchuk, Institute of Molecular Biology and Genetics of the National Academy of Sciences, Ukraine, Kyiv

Comparison of the diagnostic efficacy of 18F-FDG PET/CT and 99mTc-MDP whole body bone scintigraphy in the detection of bone metastases in breast cancer patients

Edit Nagy, University of Debrecen, Medical and Health Science Center, Hungary

C60 fullerene causes mitochondrial photo damage in transformed T lymphocytes

Kseniia Palyvod, Palladin Institute of Biochemistry, National Academy of Sciences of Ukraine, Kyiv

The effect of arginine deprivation on cytoskeleton remodeling and invasiveness of human neuronal tumor cells

Juliya Pavlyk, Institute of Cell Biology, National Academy of Sciences of Ukraine, Lviv

Enhancement of analytical characteristics of enzyme multibiosensor for simultaneous carbohydrates determination

Victoria Pyeshkova, Institute of Molecular Biology and Genetics of the National Academy of Sciences, Ukraine, Kyiv

Expression of phospholipase C ϵ in patients with myeloproliferative disorders

Anna Tyutyunnykov, Institute of Molecular Biology and Genetics of the National Academy of Sciences, Ukraine, Kyiv

Cardiovascular Research

SCLO1B1 transporter and statin treatment efficacy

Dana Dlouhá, Institute for Clinical and Experimental Medicine (IKEM), Prague, Czech Republic

Adrenergic receptors upregulation in ovariectomized rats

Barbara Viljetić, School of Medicine, Josip Juraj Strossmayer University of Osijek, Croatia

Antioxidant status in the context of obesity in humans

Alexandra Horska, Slovak Medical University, Bratislava, Slovakia

High salt diet is associated with impaired microvascular reactivity in young healthy female human subjects

Ivana Grizelj, School of Medicine J.J. Strossmayer University of Osijek, Osijek, Croatia

Adenosine triphosphate concentration of exhaled breath condensate in asthma

Zsófia Lázár, Semmelweis University, Budapest, Hungary

Trend of change in gender distribution among patients with acute coronary syndrome in Slavonia and Baranja region (Croatia)

Dražen Mlinarević, School of Medicine, Josip Juraj Strossmayer University of Osijek, Croatia

Metabolic background of heart rate variability: Evidence achieved by supplementation with amaranth oil in type 2 diabetes mellitus patients

Khrystyna Semen, Danylo Halytsky Lviv National Medical University, Lviv, Ukraine

Genetic effects on lung function and their associations with arterial stiffness.

Assumption or real link?

David Laszlo Tarnok, Semmelweis University, Budapest, Hungary

Drug Research

Synthesis, transformations and anti-inflammatory activity study of 3H-thiazolo[4,5-b] pyridine derivatives

Taras Chaban, Danylo Halytsky Lviv National Medical University, Lviv, Ukraine

Design of new anticancer agents – thiopyranothiazole derivatives

Danylo Kaminsky, Danylo Halytsky Lviv National Medical University, Lviv, Ukraine

Anti-inflammatory, analgetic and diuretic activity prediction for 6{[[[phenyl]sulfonyl]amino)-(oxo)acetyl]amino}hexanoic acid derivatives by RDF descriptors approach

Olena Klenina, Danylo Halytsky Lviv National Medical University, Lviv, Ukraine

Expression of regulatory genes in streptomycetes and overproduction of nogalamycin, doxorubicin and aranciamycin

Dmytro Klymyshin Institute of Animal Biology, National Academy of Agrarian Sciences, Ukraine

Metabolic engineering by interspecies protoplast fusion of angucycline producing streptomycetes

Anton Kobylyansky, Institute of Cell Biology, National Academy of Sciences of Ukraine, Lviv

The cytoprotective effect of hexapeptide arginyl-alfa-aspartyl-lysyl-valyl-tyrosyl-arginine in experimental gastric lesions in rats

Christina Nasadyuk, Danylo Halytsky Lviv National Medical University, Lviv, Ukraine

Changes in PUFAs due to amaranth oil introduced at the background of experimental colitis

Natalya Panasyuk, Danylo Halytsky Lviv National Medical University, Lviv, Ukraine

Mother and Child Health

Healthy mother–child–pairs study on the impact of heritability and prenatal factors on blood chemistry parameters

Kristína Klenovicsová, Slovak Medical University, Bratislava, Slovakia

Retrospective data of PTB 2007–2010 in the Osijek university hospital centre

Maja Košuta, School of Medicine University Josip Juraj Strossmayer Osijek Croatia

Neonatal hypoxia induces the changes in presynaptic modulation of GABAergic transmission.

Olga Krupko, Palladin Institute of Biochemistry, National Academy of Sciences of Ukraine, Kyiv

Umbilical cord blood concentration of soluble scavenger receptor for hemoglobin, but not pentraxin 3, is of value for the early postpartum identification of the presence of histological chorioamnionitis

Daniel Lesko, Charles University in Prague, Faculty of Medicine Hradec Kralove, University Hospital Hradec Kralove, Czech Republic

Preterm birth – epidemiologic analyzes of birth between 2007-2009 in “Dr. I. Cantacuzino” Ob-Gyn Department

Cristian Poalelungi “Carol Davila” University of Medicine and Pharmacy, Bucharest, Romania

Incidence and risk factors of preterm birth in Szt. György Hospital, Székesfehérvár

Mária Prosszer, Szt. György Hospital, Székesfehérvár, Hungary

Expression of genes encoding the enzymes of transsulfuration pathway and taurine biosynthesis in human placenta at the first and the third trimesters of gestation

Kateryna Romanet, Institute of Molecular Biology and Genetics of the National Academy of Sciences, Ukraine, Kyiv

Translational Research and Nano- Biotechnology

Expression of T-type calcium channels during genesis of absence epilepsy in WAG/Rij rats

Mykhailo Batiuk International Center of Molecular Physiology, National Academy of Sciences of Ukraine, Kyiv

Follow up of viral RNA after coxsackievirus B3 oral and intraperitoneal routes of experimental infection using recombinant virus vector

Miriama Baďurová, Slovak Medical University, Bratislava, Slovakia

Peroxisome proliferator-activated receptor- α agonist BAY PP1 attenuates renal fibrosis

Peter Boor, Slovak Medical University, Bratislava, Slovakia

Origin of spontaneous and induced by the chemical mutagens point mutations and enzymatic control over them

Olga Brovarets Institute of Molecular Biology and Genetics of the National Academy of Sciences, Ukraine, Kyiv

Pharmacognostic evaluation of Salix spp. honeydew and nectar honeys and their antioxidant capacity

Igor Jerković, Faculty of Chemistry and Technology, University of Split, Croatia

Non – viral nanoscale-based delivery of antisense oligonucleotides enhances inhibition of the cellular prion expression in vivo.

Lyudmyla Ivanytsk, Institute of Animal Biology, National Academy of Agrarian Sciences, Ukraine, Lviv

^1H NMR spectroscopy study on the impact of MRPs-rich diet on urine metabolome in healthy rats

Radana Kollárová, Slovak Medical University, Bratislava, Slovakia

Evaluation of osteocyte dedifferentiation process

Slavica Pejda, School of Medicine, University of Split Croatia

Single nucleotide polymorphisms in obesity-related genes

Ivan Slíž Slovak Medical University, Bratislava Slovakia

Differences in pathogenesis of coxsackievirus B4 isolates of different origin in a mouse model

Martin Sojka, Slovak Medical University, Bratislava, Slovakia

Persistence of viral RNA in experimental infection of coxsackievirus B5

Darina Stipalova Slovak Medical University, Bratislava, Slovakia

Determination of excitatory amino acids in brain microdialysates by capillary electrophoresis-laser induced fluorescence detection

Tamás Tábi, Semmelweis University, Budapest, Hungary

Gangliosides involvement in apoptotic process

Andriy Tomin, Institute of Cell Biology, NAS of Ukraine, Lviv

Research of europium oxide nanoparticle toxic influence on SPEV cell culture

Elena Pavlovich Institute for Problems of Cryobiology and Cryomedicine, National Academy of Sciences of Ukraine, Kharkiv

Investigation on lanthanides doped β -NaGdF₄ nanocrystals - synthesis and optical characterization

Bartłomiej Sojka, Wroclaw University of Technology, Poland

Preparation of spr immunosensor chip for fibrinogen and soluble fibrin determination in human plasma

Nataliya Storozhylova, Palladin Institute of Biochemistry, NAS of Ukraine, Kyiv

Bridges in Life Sciences 6th Annual Meeting & 11th RECOOP Strategic Alliance Meeting

April 8 -9, 2011, 8:00 – 19:00

*Without high quality
science there is no
innovation!*

**Cancer Research
Cardiovascular Research
Drug Development and Pharmaceutical Research
Mother and Child Health
Translational Research and Nano -Biotechnology
Genetics
Proteomics
Metabolomics
Cell Biology
Nanotechnology
Biotechnology**