



SCIENTIFIC PROGRAMME - SCHEDULE

9-th June 2010

9.00 – 11.00	Session I Invited Speakers Conference <i>Chairs: Prof. Sylvester E. Vizi, Prof. Edward Krenzelok, Prof. Victor A. Voicu</i>
11.00 – 11.20	Coffee Break
11.20 – 13.45	Session II Invited Speakers Conference <i>Chairs: Prof. Jaime Kapitulnik, Prof. Horst Thiermann, Prof. Momir Mikov</i>
13.45 – 15.00	Lunch
15.00 – 16.50	Session III Invited Speakers Conference <i>Chairs: Prof. Christos Potsides, Prof. Constantin Mircioiu</i>
16.50 – 17.00	Coffee Break
17.00 – 18.30	Servier Symposium - Myocardial metabolism pharmacology in theory and practice <i>Chairs: Prof. A. Grynberg, Prof. Gh.A. Dan, Prof. Pharm. D. Lupuleasa</i>

10-th June 2010

9.00 – 10.30	Lundbeck Symposium - Pharmacology between classic and modern: innovative concepts <i>Chair: Prof. Anca Dana Buzoianu</i>
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10.30 – 11.45	Session IV Experimental Pharmacology <i>Chairs: Prof. Vl Şandor, Prof. S. Cuparencu, Prof. Cătălina Lupusoru</i>	10.30 – 11.45	Session V Pharmacogenetics <i>Chairs: Prof. Florica Popescu, Conf. Liviu Miclea</i>
11.45 – 12.00	Coffee break		
12.00 – 13.50	Session VI Experimental Pharmacology <i>Chairs: Prof. Mihai Nechifor, Prof. A. Tica</i>	12.00 – 13.40	Session VII Clinical Pharmacology and Therapeutics <i>Chairs: Prof. Ostin Mungiu, Prof. L. Safta</i>
13.50 – 15.00	Lunch		
15.00 – 16.30	Session VIII Clinical Toxicology <i>Chairs: Prof. Coriolan Ulmeanu, Prof. Vl. Şandor</i>	15.00 – 16.30	Sesiunea IX Clinical Toxicology <i>Chairs: Prof. R. Spineanu, Dr. G. Szilagy</i>
16.30 – 16.45	Coffee break		
16.45 – 18.45	Sesiunea X Clinical Pharmacology and Therapeutics <i>Chairs: Prof. Mihai Nechifor, Conf. I. Magyar</i>	16.45 – 18.15	Sesiunea XI Experimental Pharmacology <i>Chairs: Prof. Sava Dumitrescu, Prof. B. Cuparencu</i>



CONGRESS PROGRAMME

8-th June 2010

Continental Hotel - Room A

15.30 – 16.30 Actualities in Clinical Toxicology

Assistant Prof. Mihai Tudosie, MD, PhD

16.30 – 17.30 Drugs rational prescription – Evidence Based Medicine

Assistant Prof. Vlad Negulescu MD

18.45 – 19.45 Concert

Oradea Filarmonica

19.45 Welcome Cocktail

Continental Hotel

9-th June 2010

Continental Hotel, Conference Room A

8.30 – 9.00 Welcome Ceremony

Acad. Prof. Dr. Victor A. Voicu, Acad. Prof. Dr. Sylvester E. Vizi, Prof. Dr. Edward P. Krenzelok, Prof. Dr. Jaime Kapitulnik, Prof. Dr. Svein G. Dahl, Prof. Dr. Horst Thiermann, Prof. Dr. Franz Kerek, Prof. Dr. Momir Mikov, Prof. Dr. Stanislav Yanev, Prof. Dr. Christos Posides, Prof. Dr. Mircioiu Constantin

Session I - Invited Speakers Lectures

9.00-11.00

Conference Room A

Chairs: Prof. Sylvester E. Vizi, Prof. Edward Krenzelok, Prof. Victor A. Voicu

9.00-9.25 Non-synaptic receptors and transporters targets of drug treatment

Sylvester E. Vizi, Fekete A, Karoly R, Mike A

9.30 - 9.55 Computer sciences in studies of complex biological systems: Modeling and simulations of molecular drug-target interactions

Svein G. Dahl

10.00 - 10.25 The clinical toxicology of Datura stramonium (Jimsonweed): A common substance of abuse

Edward P. Krenzelok

10.30 – 10.55 „Endogenous Digitalis” Identified as Sub-Nano-Silicic Acid “SNSA”

Franz Kerek, Victor A. Voicu

11.00-11.20

Coffee break

Session II - Invited Speakers Lectures

11.20-13.45

Conference Room A

Chairs: Prof. Jaime Kapitulnik Prof. Horst Thiermann, Prof. Momir Mikov

- 11.20-11.55 **Critical parameters in building physiologically-based PK/PD models for the CNS**
Jaime Kapitulnik
- 12.00-12.25 **Comparison and correlations of pharmacokinetic and pharmacodynamic profiles for some psychotropic drugs and their active metabolite**
Victor A. Voicu
- 12.30-12.55 **Review on the neuromuscular function in organophosphorus compound poisoning**
Horst Thiermann, T. Seeger, S. Gonder, N. Herkert, F. Eyer, T. Zilker, F. Worek
- 13.00-13.25 **Adipose tissue aromatase and breast cancer**
Stanislav Yanev
- 13.30-13.55 **The effect of 3a,7a-dihydroxy-12-keto-5b-cholanate (MKC) and probiotic pretreatment on gliclazide permeation in ileal tissues from healthy and diabetic rats**
Momir Mikov, Svetlana Golocorbin-Kon, H. Al Salami

13.55-15.00

Lunch

Session III - Invited Speakers Lectures

15.00-16.50

Conference Room A

Chairs: Prof. Christos Potsides, Prof. Constantin Mircioiu

- 15.00 – 15.25 **Hydrophobic/hydrophilic character of some cation-type aldoximes studied by liquid chromatography under ion-pairing and HILIC partition mechanisms**
Andrei Medvedovici, Victor A. Voicu, Medeea Radulescu, Victor David
- 15.30 – 15.55 **Newer developments in clinical trial evaluation and risk management**
Christos Potsides
- 16.00 – 16.25 **A correlation between in vitro dissolution of diltiazem and in vivo pharmacokinetics of its active metabolites**
Constantin Mircioiu, Victor A. Voicu, Valentina Anuta, Dalia Miron, Flavian Radulescu, Ion Mircioiu
- 16.30 – 16.50 **The ABCB1 and CYP2C19 polymorphisms study in Romanian epileptic patients**
Anca Dana Buzoianu, Corina Ioana Bocşan, Octavia Sabin, RA Popp, AP Trifa, L Perju, ZZ Major

16.50-17.00

Coffee break

SERVIER Symposium

17.00-18.30

Myocardial Metabolism Pharmacology in theory and practice

Conference Room A

Moderators: Prof. Dr. Grynberg, Prof. Dr. Gh. A. Dan, Prof. Pharm. D. Lupuleasa

- 15.00 – 15.25 **Trimetazidine in Myocardial Metabolism Pharmacology**
A. Grynberg
- 15.30 – 15.55 **Clinical perspective of Myocardial Metabolism Pharmacology**
Gh. A. Dan
- 16.00 – 16.25 **Pharmaceutical Formulations implication in Myocardial Metabolism Pharmacology**
D. Lupuleasa

10-th June 2010
Continental Hotel, Conference Rooms A, B

LUNDBECK Symposium

9.00-10.30 **Pharmacology between classic and modern: innovative concepts**
Conference Room A
Chair: Prof.Dr. Anca Buzoianu

9.00 – 9.30 **From racemates to selected enantiomers: from citalopram to escitalopram - from SSRI's to ASRI's**
Ovidiu Oniga

9.30 – 10.00 **Alzheimer's Disease treatment from the perspective of the multiple pathogenesis mechanisms to be influenced. Monotherapy or combination therapy?**
Anca Buzoianu

10.00 – 10.30 **MAO-B Inhibitors in the treatment of Parkinson's Disease: selegiline and rasagiline. Rasagiline – only an MAO-B inhibitor or a new, unique pharmacologic mechanism that can induce a disease modifying effect?**
Cristian Popescu

Session IV - Experimental Pharmacology

10.30-11.45 Conference Room A
Moderators: Prof. Vl. Şandor, Prof. S Cuparencu, Prof. Cătălina Lupuşoru

10.30 – 10.40 **Histo-chemical changes produced by reserpine and dopamine in the adrenal medulla**
Vl.Şandor, Miruna M Danciu, ZZ Major, D Gheban, Octavia Sabin, Ariana Butură, Stanca Trîmbiţaş

10.40 – 10.50 **The effects of fenoldopam in immobilization-induced gastric ulcers**
Vl. Şandor, Cătălina E Niculae, Andreea M. Pătrulescu, Dana S. Magyar, Z.Z. Major

10.50 - 11.00 **Comparative action of steroidal and nonsteroidal anti-inflammatory drugs on ear edema induced by croton oil in mouse**
Vl.Şandor, Ana Gheţie-Cornea, Roxana Schiotis, Eva-Anna Kenéz, Maria AE Arieşan, Alice LV Anca, TL Krausz

11.00 - 11.10 **The influence of isoprenaline on the effect of pancuronium on Julou-Courvoisier test in rats**
Albu S., Cuparencu B., Safta L.; Goşa D., Şandor Vl.

11.10 - 11.20 **Experimental researches on the effects of the selective κ opioid agonist U50488 in somatic nociception**
Liliana Tarţău, Cătălina Elena Lupuşoru

11.20 - 11.30 **In vivo release and visceral antinociceptive effects evaluation of ketoprofen loaded vesicles in mice**
Liliana Tarţău, Raoul Vasile Lupuşoru, Daniela Bindar, Viorel Melnig

11.30 - 11.40 **Effects of Echinacea Officinalis on experimental inflammation**
Dana Goşa, Anca Dana Buzoianu, Şandor Vlaicu

11.45-12.00 **Coffee break**

Session V - Pharmacogenetics

10.30-11.45

Conference Room B

Chairs: Prof. Florica Popescu, Conf. Liviu Miclea

- 10.30 - 10.45 **Pharmacogenetic aspects of adverse reactions to antipsychotics**
Popescu Florica, Popescu Florin-Dan
- 10.45 - 11.00 **HLA genotyping for evaluation of genetic susceptibility to severe cutaneous adverse drug reactions induced by mood stabilizers**
Florin-Dan Popescu, Ion Udriștoiu, Florica Popescu
- 11.00 - 11.15 **Pharmacogenetics: Genetic basis for personalized drug therapy**
Raluca Dumache, Victor Dumitrașcu, Bogdan Bumbacilă, Maria Puiu
- 11.15 - 11.30 **Therapeutic attitude in a rare form of epilepsy in children**
Jurca C, Morava E., Bembea M., Jurca A., Kozma K., Cladovan C., Skrypnyk C.
- 11.30 - 11.45 **Therapeutic strategy for amelioration metabolic diseases in inborn errors of metabolism**
Jurca C, Bembea M., Kozma K., Cladovan C., Jurca A

11.45-12.00

Coffee break

Session VI - Experimental Pharmacology

12.00-13.50

Conference Room A

Chairs: Prof. Mihai Nechifor, Prof. Andrei Tica

- 12.00 - 12.15 **Research on the influence of different bivalent cations on brain serotonin levels in rats with morphine physical dependence**
Mihai Nechifor, Dan Ioan Chelărescu, Cristiana Filip, Diana Ciubotariu
- 12.15 - 12.30 **A kinetic study of superoxide generation from allopurinol-xanthine oxidase. Potential uses in superoxide dismutase determination.**
Bogdan A. Stoica, Gabriela Bordeianu, Raluca Stanescu, Dragomir N. Serban, Mihai Nechifor
- 12.30 - 12.45 **Experimental research on copper actions on brain reward system and morphine physical dependence in rats**
Diana Ciubotariu, Dan-Ioan Chelărescu, Mihaela Pascu, Mihai Nechifor
- 12.45 - 13.00 **Evaluation of the novel TRPV1 antagonists "MCS" in animal model**
F. Kerek, B. Patrinishi, C. Secara, R. Hertzog, V.A. Voicu
- 13.00 - 13.15 **Antioxidant effect of tetracycline in human gingival fibroblasts cultures infected with Porphyromonas Gingivalis**
Hertzog D.I., Hertzog R.G.
- 13.15 - 13.30 **The effect of Apicidine, an inhibitor of histone deacetylase, on P - glycoprotein expression in rat small intestinal epithelium cultures**
Hertzog D.I., Tica A., Tica Oana Sorina
- 13.30 - 13.40 **Vitamin c induces blocking of cell division, apoptosis and necrosis in cell cultures**
Hertzog D.I., Tica A., Tica Oana Sorina
- 13.40 - 13.50 **Experimental research on the influence of antibacterial antibiotics on sperm motility**
Elena Antohi, Cristina Gales, Mihai Nechifor

13.50-15.00

Lunch

Session VII- Clinical Pharmacology and Therapeutics

12.00-13.40

Conference Room A

Chairs: , Prof. Ostin Mungiu, Dr. L. Safta

- 12.00 - 12.15 **Drug utilisation in South-Eastern Europe: Romanian experience in implementing the new opioid medical use law.**
Ostin C. Mungiu, Bogdan I. Tamba
- 12.15 - 12.30 **Sydney Ringer-clinician and pharmacologist**
Vl. Şandor, L. Safta, B. Cuparencu, D.L. Dumitraşcu, L.T. Krausz
- 12.30 - 12.45 **The psychopharmacological revolution**
Safta, L., Mureşan Oana
- 13.45 - 13.00 **Programmed cell death and the consciousness of cell populations**
Alexandru Dan Grigore
- 13.00 - 13.10 **Evaluation of immunologic therapy with infliximab and etanercept in the treatment of patients with psoriasis arthropathy**
Liana Suciu, Carmen Cristescu, Maria Suciu, Mirela Voicu, Bogdan Bumbăcilă
- 13.10 - 13.20 **Efficacy and clinical tolerability of the therapy with Lescol retard 80 mg in hypertension associated with coronary disease**
Maria Suciu, Carmen Cristescu
- 13.20 - 13.30 **Correlations between the antibiotic resistance of some bacterial strains and the use of anti infectious chemotherapy in an Intensive Care Unit**
Mirela Voicu, Carmen Cristescu, Liana Suciu, Liana Drăgan, A. Voicu, B. Bumbăcilă
- 13.30 - 13.40 **A short review of drugs which present an increased iatrogenic risk in elderly patients**
Carmen Cristescu, Maria Suciu, Mirela Voicu, Liana Drăgan, Bogdan Bumbăcilă, Liana Suciu

13.40-15.00

Lunch

Session VIII - Clinical Toxicology

15.00-16.30

Conference Room A

Chairs: Prof Coriolan Ulmeanu, Prof. Vl. Şandru,

- 15.00 - 15.15 **Epidemiology in Acute Poisoning in Children -One year Comparative Study in Two Pediatric Poisoning Centres**
C E.Ulmeanu, G.V. Nişescu, Al. Ulmeanu
- 15.15 - 15.30 **The combination ethanol-medicines a new entity in the acute poisoning in children**
C E.Ulmeanu, G.V. Nişescu, Al. Ulmeanu
- 15.30 - 15.45 **Drug-induced self-aggression**
Vl.Şandor
- 15.45 - 16.00 **Paracetamol hepatotoxicity: potentiation by isoniazid**
Răzvan Gligor, Şerban Gligor, Barbu Cuparencu
- 16.00 - 16.15 **Acute poisoning caused by household chemicals**
Şerban Gligor, Răzvan Gligor, Barbu Cuparencu

16.30-16.45

Coffee break

Session IX - Clinical Toxicology

15.00-16.30

Conference Room B

Chairs: Prof. R. Spineanu, Dr. Szilágyi Gheorghe

- 15.00 - 15.15 **Medical legal implications of drug intoxication- case report**
Claudia Pusta, Alina Bodea
- 15.15 - 15.30 **The nicotine contamination of the infants breastfed by smoker mothers**
Szilágyi Gheorghe, Szilágyi Ariana, Heredea Liliana, Spineanu Radu
- 15.30 - 15.45 **Relapsing poisonings in children with Munchausen by proxy syndrome**
Liliana Heredea, R Spineanu, Ariana Szilagyi, Marilena Crişan
- 15.45 - 16.00 **"Date rape" – a way of sexual abuse of teens and its pharmacological and toxicological connections**
R. Spineanu, Liliana Heredea, Ariana Szilagyi, Marilena Crişan
- 16.00 - 16.15 **A possible antidote for poisoning with 2,4 dinitrophenol.**
Dumitraş-Huţanu Cristina-Amalia
- 16.15 - 16.30 **Risk factors for acute dystonia caused by metoclopramide in children**
Szilágyi Ariana, Balmoş Andreea, Szilágyi Gheorghe

16.30-16.45

Coffee break

Session X - Clinical Pharmacology and Therapeutics

16.45-18.45

Conference Room A

Moderators: Prof. Mihai Nechifor, Conf. I Magyar

- 16.45 - 17.00 **Leukotrienes antagonists - from pharmacological tests to new therapeutic uses**
Mihai Nechifor, Magdalena Cuciureanu
- 17.00 - 17.15 **Influence of the therapy with metformin on the urinary concentration of some divalent cations in patients with non-insulin-dependent diabetes mellitus.**
Monica Daniela Doşa, Doina Catrinou, Laurenţiu – Tony Hangan, Cristina Galeş, Mihai Nechifor
- 17.15 - 17.30 **A comparative study on the efficiency of the Angiotensin Converting Enzyme inhibitors and Angiotensin II Receptor Antagonists in reducing serum C-reactive protein levels in patients with essential arterial hypertension**
Gabriela Cioca, Minerva Boitan, Alina Zaharie, Liviu Safta
- 17.30 - 17.45 **Influence of anti-oxidative properties of beta-blockers in antineoplastic treatment.**
Diana Bei, Annamaria Pallag, Barbu Cuparencu
- 17.45 - 18.00 **Pharmacological and electrical conversion in supraventricular tachyarrhythmias in the Emergency Department**
I. Magyar, C. Pantis, B. Cuparencu, C. Bagescu, D. Zaha, D. Bei
- 18.00 - 18.15 **Efficacy of sympathomimetic amines in maintaining blood pressure in brain-dead patients who are organ donors**
Carmen Pantis, Ioan Magyar, Barbu Cuparencu, Alexandra Comanescu, Adriana Badea
- 18.15 - 18.30 **Evolution and perspectives for the role of cyclooxygenase and non-steroidal anti-inflammatory drugs in cancer – a metaanalysis**
Alina Bodea, Claudia Pusta
- 18.30 - 18.45 **Magnesium sulfat therapy in the management of preeclampsia and eclampsia**
Cristina Aur, Diana Mocuta

Session XI - Experimental Pharmacology and Therapeutics

16.45-18.15

Conference Room B

Chairs: Prof. B. Cuparencu, Prof Sava Dumitrescu

16.45 - 17.00

Effects of the intraperitoneal administration of diazepam on glucose uptake by diaphragms of diabetic rats

B. Cuparencu, J. Horak, N. Sildan, G. Esposito, L. Stella, L. Donnoli, E. Marmo

17.00 - 17.15

Effects of propranolol on hypoxic hypoxia in anesthetized guinea pigs

B. Cuparencu, I. Magyar, Vl. Şandor, P. Bianca, E. Marmo

17.15 - 17.30

The influence of imidazole administration on arrhythmias induced by potassium chloride, calcium chloride and ouabain in isolated guinea pig hearts

A. Filippelli, B. Cuparencu, L. Berrino, C. Tomus, F. Rossi

17.30 - 17.45

Non-Steroidal anti-Inflammatory Drugs – anti-tumoral effects

Alina Bodea, Claudia Pusta

17.45 - 18.00

The Effects of Risperidone on experimental inflammation and pain

Rita Kiss, Mihaela Tiglea Zdrinca, Barbu Cuparencu

18.00 - 18.15

Enzymatic in vitro studies upon the activity of some H2 antihistamines

Adriana Moldovan, Simona Bungău, Ildiko Szabo, Gabriela Muşiu

19.00

Gala Dinner

11-th June 2010

International Hotel Room A

9.00 – 10.00

Clinical behavior in acute poisoning

Assistant Prof. Oana Ruxandra Avram, MD

10.00 – 11.00

Publishing requirements of a clinical trial

Assistant Prof. Vlad Negulescu MD

11.00 – 12.00

Ethical aspects in clinical trials

Associate Prof. Liviu Ioan Miclea

Posters Session

Correlation between in vitro dissolution and in vivo absorption of a BCS class II drug

Elena Ionica, Lavinia G. Hinescu, Mihaela Ionescu, Maria C. Ranetti, C.Mircioiu, V.A.Voicu, Cristiana Cosmescu, C. Draghici

The effect of levetiracetam in acute experimental pain

Bocsan Ioana Corina, Buzoianu Anca Dana, Boca Andreea Nicoleta

Experimental studies in selection an antidotal formula pharmacologically active in the neurotoxic organophosphates compounds poisoning

Cristina Sarbulescu, C. Draghici, B. Patrinishi, R.Hertzog, V.A.Voicu

Influence of anti-oxidative properties of beta-blockers in antineoplastic treatment.

Diana Bei, Annamaria Pallag, Barbu Cuparencu

A kinetic study of superoxide generation from allopurinol-xanthine oxidase. Potential uses in superoxide dismutase determination.

Bogdan A. Stoica, Gabriela Bordeianu, Raluca Stanescu, Dragomir N. Serban, Mihai Nechifor

Study pharmacodynamic effects of sedatives, diuretics, beta-blockers in hepatocarcinoma

Dumitrescu Cristiana Iulia, Cazacu Sergiu, Dumitrescu Daniela, Berbecaru Iovan Anca, Popescu Florica

Extracellular contrast agent role in the liver pathology study

Dumitrescu Cristiana Iulia, Cazacu Sergiu, Dumitrescu Daniela, Berbecaru Iovan Anca, Bogdan Maria, Popescu Florica

The determination of painkillers and anesthetics using a HPLC-MS technique

Macovei R., Dănescu I., Trută E., Caragea G., Forje M., Ionică M.

Identification method for antiinflammatory drugs

Ionică M., Trută E., Caragea G., Forje M.

Dissociation of SSRIS antidepressants by Argon collision

Caragea G., Ardeleanu D., Macovei R., Forje M.

HPLC-MS, DAD technique used for identification of augmental antidepressants

Ionică M. Tudosie M., Caragea G., Trută E., Iova D., Suciuc E., Ghinea A., Capătână F.

The Monitorisation of Platinum Plasmatic Concentrations during Anticancer Therapy

Popescu G., Ionică M., Caragea G., Trută E., Gheorghită M.

Correlations between the antibiotic resistance of some bacterial strains and the use of anti infectious chemotherapy in an Intensive Care Unit

Mirela Voicu, Carmen Cristescu, Liana Suciuc, Liana Drăgan, A. Voicu, B. Bumbăcilă