

WEDNESDAY, JUNE 8, 2016
MIERCURI, 8 IUNIE, 2016

16.⁰⁰ - 20.⁰⁰ **Registration of participants – Hotel International - Băile Felix**
Înregistrare participanți – Hotel Internațional - Băile Felix

20.⁰⁰ **Welcome Cocktail Party – Hotel International - Băile Felix**
Coctail de Bun Venit – Hotel Internațional - Băile Felix

THURSDAY, JUNE 9 2016
JOI, 9 IUNIE, 2016

08.⁰⁰ - 09.³⁰ **Registration of participants – Hotel International - Băile Felix**
Înregistrare participanți – Hotel Internațional - Băile Felix

09.³⁰ - 10.¹⁵ **OFFICIAL OPENING – Hotel International, Conference Hall**
DESCHIDEREA OFICIALĂ – Hotel Internațional, Sala de Conferințe

Opening and welcomes speeches

Maya Simionescu, Romanian Academy Full member, President of RSCB
Prof. Aurel Ardelean, President of “Vasile Goldis” Western University of Arad

Prof. dr. Gabriela Mușiu, President of Bihor RSCB Subsidiary

Prof. dr. Zoltan Szilvassy, Debrecen University, Hungary

Prof. dr. Bungău Constantin, Rector of Oradea University

Prof. dr. Bodog Florian, Dean of Faculty of Medicine and Pharmacy
Bihor county prefect

The President of Bihor County Council

The Mayor of Sânmartin

Cuvânt de deschidere și bun venit

Academician dr. Maya Simionescu, Președinte al SRBC

Prof. dr. Aurel Ardelean, Președintele Universității de Vest “Vasile Goldis”
din Arad

Prof. dr. Gabriela Mușiu, Președinte Filiala Bihor al SNBC

Prof. dr. Zoltan Szilvassy, Rectorul Universității Debrecen, Ungaria

Prof. dr. Bungău Constantin, Rector Universitatea din Oradea

Prof. dr. Bodog Florian, Decan Facultatea de Medicină și Farmacie

Prefectul Județului Bihor

Președintele Consiliului Județean Bihor

Primarul Municipiului Sânmartin

10.¹⁵ - 10.³⁰ **Coffee break**
Pauză de cafea

10.³⁰ - 13.⁰⁰

General Symposium I - "Regenerative and Translational Medicine"

Hotel International - Băile Felix, Conference Hall

Simpozion I - "Medicină Regenerativă și Translațională"

Hotel International - Băile Felix, Sala de Conferințe

Moderatori/Chairpersons: Academician dr. Maya Simionescu

Prof. dr. Aurel Ardelean

1. REJECTION REACTIONS INDUCED BY INFECTION WITH CYTOMEGALOVIRUS IN HEART TRANSPLANTATION PATIENTS

Adriana Habor¹ Horațiu Suci² Anca Sin³, Mariana Tilinea³, Mihai Vartolomei³

¹*Discipline of Physiology, University of Medicine and Pharmacy Târgu-Mureș,*

²*Five Surgical Clinic, University of Medicine and Pharmacy Târgu-Mureș,*

³*Discipline of Cellular Biology, University of Medicine and Pharmacy Târgu-Mureș*

2. CYTOPROTECTIVE, ANGIOGENIC AND IMMUNOMODULATORY CONTRIBUTIONS OF MESENCHYMAL STEM CELLS IN ISCHEMIC TISSUE REGENERATION

Alexandrina Burlacu

Institute of Cellular Biology and Pathology "Nicolae Simionescu", Bucharest, Romania

3. SYNERGIC EFFECTS OF VEGF-A AND SDF-1 ON THE ANGIOGENIC PROPERTIES OF ENDOTHELIAL PROGENITOR CELLS

Ana-Maria Rosca*, Gabriela Odent (Grigorescu)*, Mihai Bogdan Preda, Raluca Tutuianu, Maya Simionescu, Alexandrina Burlacu

**Institute of Cellular Biology and Pathology "Nicolae Simionescu", Bucharest, Romania*

4. MALIGNANT MELANOMA IN CHILDREN- CASE REPORT

O. Pop¹, M. Ivascu², A. Pascalau¹, Ioana Scrobota¹, N. Vilceanu¹

¹*University of Oradea*

²*Municipal Clinic Hospital Oradea*

5. GENERATION, CULTURE AND MODIFICATION OF INDUCED PLURIPOTENT STEM CELLS (iPSCs)

Dr. Nicole Wellens, Lonza

6. REGENERATIVE MEDICINE- MEDICINE OF THE FUTURE

Ioana Codreanu¹, Camelia Mraz,¹ Angela Antonescu¹, Alexandru Jurcă¹, Adela Vicaș¹, R.Vicaș¹, Luciana Dobjanschi¹, Luminița Fritea¹, Mariana Mureșan¹

¹*University of Oradea, Faculty of Medicine and Pharmacy, Romania*

7. EFECTELE REGENERATIVE ALE LASERTERAPIEI IN ESCARE LA PACIENTII CU ACCIDENT VASCULAR CEREBRAL

Mariana Cevei¹, Dorina Stoicanescu², Ramona Suci¹, Alina Osiceanu

¹*Universitatea din Oradea, Facultatea de Medicina si Farmacie, Spitalul Clinic de Recuperare Medicala Baile Felix*

²*Universitatea de Medicina si Farmacie „Victor Babes”, Timisoara*

8. EFFECTS OF THE ACUTE ADMINISTRATION OF FENUGREEK (*TRIGONELLA FOENUM-GRAECUM*) ON THE METABOLIC FUNCTION. EXPERIMENTS IN RATS
Csaba Hegedűs, Diána Kovács, Béla Juhász, Zoltán Szilvássy, Rita Kiss

Department of Pharmacology and Pharmacotherapy, Faculty of Medicine, University of Debrecen, H-4012 Debrecen, Nagyerdei krt. 98., Hungary

9. MEDICINA REGENERATIVA IN REUMATOLOGIE

¹Nicoleta Pascalau, ²Gabriela Mutiu, Corina Suteu

¹*Departamentul Neuro-Psihosiintente si Recuperare medicală,*

²*University of Oradea, Faculty of Medicine and Pharmacy*

10. INTERRELATIONSHIP BETWEEN PLANT AND ANIMAL WORLD: SCIENTIFIC RESEARCH POSSIBILITIES AND THERAPEUTIC APPLICATIONS

Galajda Zoltan

¹*”Vasile Goldiș” Western University of Arad, Faculty of Medicine, Arad, Romania*

09.⁰⁰ - 13.⁰⁰

Display stands for laboratory devices and consumables

Hotel International - Băile Felix, lobby

Standuri de prezentare pentru aparatură de laborator și consumabile

Hotel Hotel Internațional - Băile Felix, hol

13.⁰⁰ - 14.⁰⁰

Lunch – Hotel International - Băile Felix

Prânz – Hotel Internațional - Băile Felix

15.³⁰ - 16.³⁰

General Assembly of RSCB members – Hotel International - Băile Felix, Conference Hall

Adunarea generală a membrilor SRBC – Hotel International - Băile Felix,

Sala de Conferințe

16.³⁰ - 18.⁴⁵

PhD candidates Minisymposium - Hotel International - Băile Felix, Conference Hall

Minisimpozion doctoranzi - Hotel Internațional - Băile Felix, Sala de conferințe

Moderatori/Chairpersons: Prof. dr. Hermenean Anca

Prof. dr. Gavril Ardelean

1. IN VITRO AND IN VIVO ANTIOXIDANT POTENTIAL OF *PLANTAGO ARENARIA*
Anca D. Farcas^{1,2}, Alina E. Pârvu³, Vlad A. Toma^{1,2}, Augustin C. Mot⁴, Ioana Roman⁵, Marcel Pârvu¹

¹*Faculty of Biology and Geology, Babeș-Bolyai University, Cluj-Napoca, Romania*

²*National Institute for Research and Development of Isotopic and Molecular Technologies, Cluj-Napoca, Romania*

³*Faculty of Medicine, “Iuliu Hatieganu” University of Pharmacy and Medicine, Cluj-Napoca, Romania*

⁴*Faculty of Chemistry and Chemical Engineering, Babes-Bolyai University, Cluj-Napoca, Romania*

⁵*Biological Research Institute, Cluj-Napoca, România*

2. BIOTECHNOLOGICAL APPROACHES FOR LABELING OF APOLIPOPROTEIN E SECRETED BY MAMMALIAN CELLS

Irina F. Tudorache, Violeta G. Trusca, Elena V. Fuior, Anca V. Gafencu

Institute of Cellular Biology and Pathology “Nicolae Simionescu”, Romanian Academy, Bucharest, Romania

3. PEI-COATED Fe₃O₄ NANOPARTICLES INCREASE THE EFFICIENCY OF INTRACELLULAR DELIVERY OF BIOLOGICALLY ACTIVE FACTORS INCORPORATED EITHER DURING OR AFTER SYNTHESIS

Raluca Tutuianu¹, Madalina Popescu², Mihai Bogdan Preda¹, Ana-Maria Rosca¹, Roxana Piticescu², Alexandrina Burlacu¹

¹*Institute of Cellular Biology and Pathology “Nicolae Simionescu” Bucharest, Romania*

²*National R&D Institute for Non-ferrous and Rare Metals, Pantelimon, Ilfov, Romania*

4. CELLULAR AND BIOCHEMICAL COORDINATES RELATED TO CA3 HIPPOCAMPAL FIELD IN REPEATED RESTRAINT STRESS

Vlad Al. Toma^{1,2,3,4}, Anca D. Farcaș^{1,2,3,4}, Alina Rusu^{1,4}, Radu Silaghi-Dumitrescu¹, Marcel Parvu¹, Ioana Roman²

¹*Babeș-Bolyai University, Cluj-Napoca, România*

²*Institute of Biological Research, Cluj-Napoca, România*

³*NIRD of Isotopic and Molecular Technologies, Cluj-Napoca, Romania*

⁴*College for Advanced Performance Studies, Babeș-Bolyai University*

5. FLUCYTOSINE AND AMPHOTERICIN B CO-ADMINISTRATION INDUCED DOSE-RELATED RENAL INJURY

Alexandra Folk¹, Cornel Baltă², Alexandra Ivan³, Aurel Ardelean¹, Anca Hermenean¹

¹*Faculty of Medicine, Vasile Goldis Western University of Arad, Romania*

²*Institute of Life Sciences, Vasile Goldis Western University of Arad, Romania*

³*Victor Babes University of Medicine and Pharmacy, Timisoara*

6. FACTORS MODELLING THE PRESENCE AND ABUNDANCE OF mcyE GENE AND MCs ALONG LAKES FROM DANUBE DELTA

Maria Iasmina Moza^{1,2}, Bogdan Drugă^{3,4}, Carmen Postolache¹, Mirela Moldoveanu², L Florescu², Laura Parpală², Ioana Enache^{1,2}, Alina Dumitrache², Emilia Radu², Marie Monchamp³, Cristina Sandu², Christoph Tellenbach³, Simone Fontana³, Francesco Pomati³ Spaak³

¹*Faculty of Biology, University of Bucharest, Bucharest, Romania*

²*Institute of Biology Bucharest, Romanian Academy, Bucharest, Romania*

³*Eawag, Swiss Federal Institute of Aquatic Science and Technology, Department of Aquatic Ecology, Dübendorf, Switzerland*

⁴*Institute of Biological Research, Branch of the National Institute of Research and Development for Biological Sciences, Cluj-Napoca, Romania*

7. PHYTOTHERAPY OF CARDIOVASCULAR DISEASE

Pallag Annamaria, Diana Teaha

Facultatea de Medicină și Farmacie din Oradea

8. EFECTELE FARMACOLOGICE ALE MUTAȚIILOR K-RAS

Attila Tobor, Prof. coord.: Annamaria Pallag, Attila Tobor

University of Oradea, Faculty of Medicine and Pharmacy, Specializarea Farmacie, anul V

18.⁴⁵ - 19.⁰⁰

Coffee break

Pauză de cafea

19.⁰⁰ - 19.³⁰

Minisymposium – "The significance of teaching biology"

Hotel International - Băile Felix, Conference Hall

Minisimpozion - "Importanța predării biologiei"

Hotel Internațional - Băile Felix, Sala de Conferințe

Moderatori/Chairpersons: Prof dr. Cotruz Carmen Elena

Prof. dr. Gheorghe Benga

1. THE BALANCE BETWEEN KNOWN AND UNKNOWN IN CELL BIOLOGY TEACHING

Mircea Leabu ^{1,2}

¹, „Victor Babeș” National Institute of Pathology, Bucharest, Romania

², „Carol Davila” University of Medicine and Pharmacy, Bucharest, Romania

2. THE IMPORTANCE OF TEACHING THE SUBJECT CELL AND MOLECULAR BIOLOGY IN UNIVERSITY

Ciobanu Camelia, Ciursaș Adina, Vicaș Adela, Marilena Bonta

University of Oradea, Faculty of Medicine and Pharmacy

3. THE NUCLEUS – STRUCTURE AND FUNCTION

Aurel Ardelean

"Vasile Goldis" Western University of Arad, Romania

4. ÎMPLINIREA A PATRU DECENII DE LA ÎNȚIEREA CERCETĂRIILOR ÎN DOMENIUL CULTURILOR DE ȚESUTURI ȘI CELULE VEGETALE ÎN ROMÂNIA

¹Dorina Cachiță-Cosma, ¹Aurel Ardelean și ²Constantin Crăciun

¹ „Vasile Goldis” Western University of Arad, Romania

² Universitatea Babeș Bolyai Cluj, Romania

18.⁰⁰ - 19.³⁰

Presentations of equipments and laboratory reagents of the sponsoring companies Hotel International - Băile Felix

Prezentări echipamente și reactivi de laborator al companiilor sponsor

Hotel Internațional - Băile Felix

20.⁰⁰

Dinner – Hotel International - Băile Felix

Cină – Hotel Internațional - Băile Felix

FRIDAY, JUNE 10 2016
VINERI, 10 IUNIE, 2016

10.³⁰ - 13.⁰⁰ **General Symposium II - "Drug targeting and Epigenetics"** Hotel International - Băile Felix, Conference Hall
Simpozion II – Drug targeting și Epigenetica
Hotel Internațional - Băile Felix, Sala de Conferințe
Moderatori/Chairpersons: Prof. dr. Belengeanu Valerica
Prof. dr. Bavaru Adrian

1. NICOTINE AND 6-HYDROXY-L-NICOTINE INTERACTION AGAINST CHLORISONDAMINE INDUCED MEMORY IMPAIRMENT AND OXIDATIVE STRESS IN THE RAT HIPPOCAMPUS

Radu Ionita¹, Paula Alexandra Postu¹, Lucian Hritcu¹

¹Department of Biology, Alexandru Ioan Cuza University of Iasi, Romania

2. COGNITIVE-ENHANCING EFFECTS OF THE *ORIGANUM MAJORANA* L. ESSENTIAL OIL IN AN $\alpha\beta$ (1-42) RAT MODEL OF ALZHEIMER'S DISEASE

Paula Alexandra Postu¹, Michael Otto Glocker², Radu Ioniță¹, Lucian Hritcu¹

¹Department of Biology, Alexandru Ioan Cuza University of Iasi, Romania

²Department for Proteome Research, University Rostock Medical Center and Natural Science Faculty, Germany

3. CUTTING-EDGE METHODOLOGIES FOR NEXT-GENERATION SEQUENCING"
Luise Britz, Customer Service Manager, HiSS Diagnostics

4. THE IMPACT OF DRUG USE ON THE EVOLUTION OF PATIENTS WITH SCHIZOPHRENIA

Costache (Heigel) Odette Ioana¹, Cioara Felicia Liana², Suci Nicoleta Ramona³

¹Ambulatorium- Institut für Körperzentrierte Psychotherapie IKP Zürich, Switzerland

^{2,3}Facultatea de Medicină și Farmacie, Universitatea din Oradea

5. NEUROPEPTIDES AND FEED INTAKE REGULATION OF CHICKEN

Ádám Simon¹, Zoltán Mészár², János Oláh¹, József Németh³, Zoltán Szilvássy³, Béla Juhász³, István Komlósi¹, András Jávor¹, Levente Czeglédi¹

¹Department of Animal Science, Faculty of Agricultural and Food Sciences and Environmental Management, University of Debrecen, H-4032 Debrecen, Böszörményi út 138., Hungary

²Department of Anatomy, Histology and Embryology, University of Debrecen, H-4012 Debrecen, Nagyerdei krt. 98., Hungary

³Department of Pharmacology and Pharmacotherapy, Faculty of Medicine, University of Debrecen, H-4012 Debrecen, Nagyerdei krt. 98., Hungary

6. APOLIPOPROTEIN E EXPRESSION IN MACROPHAGES: FROM BASIC TRANSCRIPTION TO CELL - SPECIFIC GENE MODULATION

Anca V. Gafencu

Institute of Cellular Biology and Pathology "N. Simionescu", Romanian Academy, Bucharest, Romania

09.⁰⁰ - 13.⁰⁰

Display stands for laboratory devices and consumables

Hotel International - Băile Felix, lobby

Standuri de prezentare pentru aparatură de laborator și Hotel Internațional Băile Felix, hol

13.⁰⁰ - 14.⁰⁰

Lunch – Hotel International - Băile Felix

Prânz – Hotel Internațional - Băile Felix

14.³⁰-16.⁰⁰

General Symposium III - "Varia"– Hotel International – Băile Felix, Conference Hall

Simpozion III - "Varia" – Hotel Internațional - Băile Felix, Sala de Conferințe

Moderatori/Chairpersons: Prof. dr. Bavaru Adrian

Prof. dr. Cachiță Dorina

1. ONCOGENES ACTIVATION BY ENVIRONMENTAL FACTORS

Camelia Eliza Mraz¹, Ioana Codreanu¹, Luminița Fritea¹, Ioan Oswald¹, Luciana Dobjanschi¹, Angela Antonescu¹, Mariana Mureșan¹

¹University of Oradea, Faculty of Medicine and Pharmacy, Preclinical Disciplines Department, Oradea, Romania

2. COMPARATIVE STUDY BETWEEN THE DETERMINATION OF THE SERUM LEVEL OF CA 125 AND THE USE OF ROMA ALGORITHM REGARDING THE OVARIAN CANCER PREDICTABILITY

Ioana Coralia Codreanu¹, Dana Carmen Zaha¹, Gineta Holt , Ciprian Iovan¹

¹University of Oradea, Faculty of Medicine and Pharmacy, Romania

3. EXAMINATION OF MELANIN-CONCENTRATING HORMONE (MCH) RECEPTOR OCCUPANCY USING POSITRON EMISSION TOMOGRAPHY (PET)

Andrea Kurucz¹, M Bombicz¹, Balázs Varga¹, Dániel Priksz¹, Katalin Szabó¹, György Trencsényi¹, István Kertész², Zoltán Szilvássy¹, Béla Juhász¹

¹Department of Pharmacology and Pharmacotherapy, Faculty of Medicine, University of Debrecen, H-4012 Debrecen, Nagyerdei krt. 98., Hungary

²Nuclear Medicine Centre, Faculty of Medicine, University of Debrecen, H-4012 Debrecen, Nagyerdei krt. 98., Hungary

4. CHLAMYDIA – FROM DETERMINATION BY COMPLEMENT FIXATION REACTION TO NEW INSIGHTS OF CELLULAR MICROBIOLOGY

Camelia Eliza Mraz^{1,2}, Daniela Rahotă^{1,2}, Daniela Breb², Ecaterina Texe², Annamaria Pallag¹, Gabriela Muțiu¹

¹*University of Oradea, Faculty of Medicine and Pharmacy*

²*Public Health Department Bihor*

5. FACTORS INVOLVED IN ORTHODONTIC ROOT RESORPTION

Ligia Vaida¹, Ioana Todor¹, Adriana Pirte¹, Bianca Negrutiu¹, Bogdan Bumbu¹, Claudia Corega², Gabriela Mutiu

¹*University of Oradea, Faculty of Medicine and Pharmacy, Oradea, Romania*

²*University of Medicine and Pharmacy "Iuliu Hațieganu", Cluj-Napoca, Romania*

6. MORPHOLOGICAL STUDIES OF SOLIDAGO LOCAL SPECIES

Luciana Dobjanschi¹, Sebastian Dobjanschi², Mihaela Zdrinca³, Gabriela Mutiu³, Monica Motorca, Marcel Zdranca

¹*Facultatea de Medicina si Farmacie, Universitatea din Oradea, Romania*

²*Spitalul Municipal Gavril Curteanu din Oradea, Romania*

³*Facultatea de Medicina si Farmacie, Universitatea din Oradea, Romania*

7. IN VIVO HISTOPATHOLOGICAL EXAMINATION OF THE RETINA

Mihaela Cristiana Coroi, Gabriela Mutiu, Luminita Sipos, Laura Georgescu, Liana Todor

University of Oradea, Faculty of Medicine and Pharmacy, Oradea, Romania

8. THEORETICAL AND PRACTICAL ASPECTS OF PLANT STEM CELLS IN IN-VITRO CULTURE REGIMEN

Cachiță Dorina, Turcuș Violeta

Institute of Life Sciences, Vasile Goldis Western University of Arad, Romania

16.⁰⁰ - 16.¹⁵

Coffee break

Pauză de cafea

16.⁰⁰ - 17.⁰⁰

An hour of science for high-school students: "A trip to the world of cells" together with Acad. Maya Simionescu "Mihai Eminescu" High School

O oră de știință pentru elevi: "O călătorie în lumea celulelor" împreună cu Acad. Maya Simionescu, Liceul Mihai Eminescu

17.³⁰ - 18.³⁰

Postdoctoral Minisymposium – Hotel International – Băile Felix, Conference Hall

Minisimpozion postdoctoranzi – Hotel Internațional – Băile Felix, Sala de Conferințe

Moderatori/Chairpersons: Prof. dr. Sin Anca

Conf. dr. Cristina Popescu

1. COMPARATIVE ANALYSIS OF ARTHROBACTER PLASMIDS

Marius Mihășan¹, Roderich Brandsch²

¹*Biochemistry and Molecular Biology Laboratory, Faculty of Biology, Alexandru Ioan Cuza University of Iași, Romania*

²*Institute of Biochemistry and Molecular Biology, Albert-Ludwigs University, Stefan-Meier-Str. 17, D-79104 Germany*

2. TRANSACTIVATION OF APOLIPOPROTEIN E GENE BY THYROID HORMONES IN MACROPHAGES

Violeta G. Trusca¹, Elena V. Fuior¹, Irina F. Tudorache¹, Corina Roman, Dimitris Kardassis², Anca V. Gafencu¹

¹*Institute of Cellular Biology and Pathology "N. Simionescu", Romanian Academy, Bucharest, Romania*

²*University of Crete Medical School, Heraklion, Crete, Greece*

3. SEROLOGICAL INVESTIGATION OF THE CLINICAL SIGNIFICANCE OF FASCIN-1 IN PROSTATE CANCER

Vartolomei Mihai Dorin^{1,2,3}, Anca Ileana Sin¹, Martha Orsolya², George N Thalmann³

¹*Department of Cell and Molecular Biology, University of medicine and Pharmacy, Targu Mures, Romania*

²*Department of Urology, University of medicine and Pharmacy, Targu Mures, Romania*

³*University of Bern, Bern, Switzerland*

18.³⁰ – 19.⁴⁵

Poster Session I, Hotel International – Băile Felix, lobby

Sesiune Postere I, Hotel International – Băile Felix, hol

Poster evaluation committee/Comisie evaluare postere:

Prof. dr. Belengeanu Valerica, Prof. dr. Bavaru Adrian

1. THE BIOLOGICAL EFFECTS OF BAILE TUSNAD CARBONATED MINERAL WATER ON SOME ORGANS – AN EXPERIMENTAL STUDY

Gabriela Dogaru¹, Marieta Motricală², Molnár Ákos², Vasile Rus³

¹*"Iuliu Hatieganu" University of Medicine and Pharmacy, Clinical Rehabilitation Hospital, Cluj-Napoca, Romania*

²*Tusnad Spa Complex - Baile Tusnad, Romania*

³*University of Agricultural Sciences and Veterinary Medicine, Faculty of Veterinary Medicine, Cluj-Napoca, Romania*

2. CONTRIBUTION TO THE ANATOMY OF SOME ANGIOSPERMS FLOWER PARTS WITH THERAPEUTIC VALUE

Rodica Bercu, Adrian Bavaru, Dan Răzvan Popoviciu

Faculty of Natural and Agricultural Sciences, "Ovidius" University, Constanța, Romania

3. A GENETICALLY ENGINEERED ARTHROBACTER NICOTINOVORANS STRAIN FOR IMPROVED PRODUCTION OF 6-HIDROXY-NICOTINE

Babii Cornelia¹, Mihalache Gabriela¹, Ștefan Marius¹, Mihășan Marius¹

¹*Alexandru Ioan Cuza University of Iași, Romania*

4. STAUROSPORINE EFFECTS ON FIBROBLASTS DEPEND ON MATRIX PROTEINS

Alexandru Florea¹, Cristina-Mariana Niculițe^{1,2}, Andreea Oana Urs², Elisa Anamaria Liehn³, Mircea Leabu^{1,2}

¹*“Carol Davila” University of Medicine and Pharmacy, Bucharest, Romania*

²*“Victor Babeș” National Institute of Pathology, Bucharest, Romania*

³*Institute for Molecular Cardiovascular Research, Aachen, Germany*

5. HISTOLOGICAL TYPE AND PROGESTERONE RECEPTORS STATUS IN BREAST CANCER BY IMMUNOHISTOCHEMICAL METHOD

Alina Belengeanu¹, Ioana Muntean¹

¹*Cell and Molecular Biology Department, University of Medicine and Pharmacy „Victor Babeș” Timisoara, Romania*

6. CROSS-TALK BETWEEN MACROPHAGES AND SMOOTH MUSCLE CELLS IN DIABETIC CONDITIONS IMPAIRS COLLAGEN AND METALLOPROTEASE SYNTHESIS AND ACTIVITY

Razvan Daniel Macarie, Monica M. Tucureanua, Daniela Stan, Cristina Constantinescu, Manuela Calin, Ileana Manduteanu, Elena Butoi

Institute of Cellular Biology and Pathology “Nicolae Simionescu”, Bucharest, Romania

7. DYNAMIN-DEPENDENT ENDOCYTOSIS IS THE MAIN PATHWAY INVOLVED IN DNA TRANSFECTION OF HEK 293 CELLS BY SILOXANE/PEI-DNA POLYPLEXES

Cristina Ana Constantinescu¹, Daniela Stan¹, Cristina Uritu², Mariana Pinteala², Maya Simionescu¹, Manuela Calin¹

¹*Institute of Cellular Biology and Pathology “Nicolae Simionescu” of Romanian Academy, Bucharest, Romania*

²*Centre of Advanced Research in Bionanoconjugates and Biopolymers, Institute of Macromolecular Chemistry “Petru Poni”, Iasi, Romania*

8. EFFECTS OF AG/TIO₂ NANOPARTICLES DEVELOPED FOR LEATHER SURFACE FINISHING ON HUMAN KERATINOCYTES

Daniela Stan¹, Cristina Ana Constantinescu¹, Carmen Gaidau², Madalina Ignat², Aurora Petica², Manuela Calin¹

¹*Institute of Cellular Biology and Pathology “Nicolae Simionescu” of Romanian Academy, Bucharest, Romania*

²*R&D National Institute for Textiles and Leather (INCDTP)–Leather and Footwear Research Institute (ICPI) Division, Bucharest, Romania*

9. P-SELECTIN TARGETED DEXAMETHASONE-LOADED LIPID NANOEMULSIONS REDUCE ENDOTHELIUM INFLAMMATION

Viorel Simion, Cristina Ana Constantinescu, Daniela Stan, Mariana Deleanu, Monica Madalina Tucureanu, Elena Butoi, Ileana Manduteanu, Maya Simionescu, Manuela Calin

¹*Institute of Cellular Biology and Pathology “Nicolae Simionescu” of the Romanian Academy, Bucharest, Romania*

10. FAT-ACTIVATED ER STRESS INDUCES THE REDUCTION OF ABCG5/8 EXPRESSION IN THE SMALL INTESTINE AND LIVER OF HYPERLIPIDEMIC HAMSTERS AND THE APPEARANCE OF DYSFUNCTIONAL HDL

Mihaela G. Carnuta¹, Camelia S. Stancu¹, Gabriela M. Sanda¹, Laura Toma¹, Mariana Deleanu^{1,2}, Loredan S. Niculescu¹, Anca V. Sima¹

¹Lipidomics Department, Institute of Cellular Biology and Pathology “Nicolae Simionescu” of the Romanian Academy, Bucharest, Romania

²University of Agronomical Sciences and Veterinary Medicine Bucharest, Faculty of Biotechnology, Bucharest, Romania

11. HYPERGLYCEMIA INCREASES MICRO-RNAS IN SERA AND HDL FROM ACUTE CORONARY SYNDROME PATIENTS; IN SEARCH FOR THE PROCESSING MACHINERY OF MICRO-RNAS IN HUMAN MACROPHAGES

Loredan S. Niculescu¹, Natalia Simionescu^{1,2}, Gabriela M. Sanda¹, Mihaela G. Carnuta¹, Camelia S. Stancu¹, Andreea C. Popescu³, Mihaela R. Popescu³, Adelina Vlad^{3,4}, Doina R. Dimulescu³, Maya Simionescu¹, Anca V. Sima¹

¹Lipidomics Department, Institute of Cellular Biology and Pathology “Nicolae Simionescu” of the Romanian Academy, Bucharest, Romania

²Centre of Advanced Research in Bionanoconjugates and Biopolymers, “Petru Poni” Institute of Macromolecular Chemistry, Iasi, Romania

³Cardiology Clinics, Elias University Emergency Hospital, Bucharest, Romania

⁴Physiology Department, “Carol Davila” University of Medicine and Pharmacy, Bucharest, Romania

12. LYMPHOMAS OF THE MAXILLOFACIAL REGION – CYTOLOGICAL, HISTOLOGICAL AND IMMUNOHISTOCHEMICAL ASPECTS

Alina Iacob, Alina Ormenișan, Tibor Mezei, Anca Sin, Mariana Tilinca
University of Medicine and Pharmacy, Târgu-Mureș, Romania

13. IMMUNOHISTOCHEMICAL AND RADIOLOGICAL CORRELATIONS OF THE IMPACTED LOWER THIRD MOLAR DENTAL FOLLICLE

Ormenișan Alina, Fulop Eموke, Iacob Alina, Coșarcă Adina
University of Medicine and Pharmacy, Târgu-Mureș, Romania

14. SETTING UP OPTIMAL CONDITIONS FOR REMOTE TRANSPLANTATION OF MESENCHYMAL STEM CELLS: SMALLER TRANSPLANTATION DOSES PRODUCE BENEFITS WITH FEWER SIDE EFFECTS

Mihai Bogdan Preda, Raluca Tutuianu, Alexandrina Burlacu

“Nicolae Simionescu” Institute of Cellular Biology and Pathology, Bucharest, Romania

15. HISTONE DEACETYLASE MEDIATES HIGH GLUCOSE-INDUCED ENDOTHELIN-1 EXPRESSION VIA DIRECT AND INDIRECT MECHANISMS

Simona-Adriana Manea, Ioana Madalina Fenyo, Adrian Manea

Institute of Cellular Biology and Pathology “Nicolae Simionescu” of the Romanian Academy, Bucharest, Romania

16. THE INFLUENCE OF TANNIC ACID ON BIOCOMPATIBILITY OF CHITOSAN-BASED NANOPARTICLES

Anca N. Cadinoiu^{1,2}, Delia M. Rață^{1,2}, Paula I. Merlușcă^{1,2}, Leonard I. Atanase^{1,2}, Marcel Popa^{1,2,3}, Vasile Burlui^{1,2}

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²"Academician Ioan Hăulică" Research Institute, Iași, România

³"Gheorghe Asachi" Technical University of Iași, Iași, România

17. DIABETES INDUCES A MODIFIED EXPRESSION OF PROTEINS IN RENAL TISSUE

Elena Uyy, Viorel Iulian Suica, Raluca Maria Boteanu, Luminita Ivan, Felicia Antohe

Institute of Cellular Biology and Pathology "Nicolae Simionescu", Bucharest, Romania

18. PHOSPHO-PROTEOME MASS SPECTROMETRIC INVESTIGATION OF FOLLICULAR THYROID ADENOMA

Viorel-Iulian Suica, Elena Uyy, Raluca Maria Boteanu, Luminita Ivan, Felicia Antohe

Institute of Cellular Biology and Pathology "N. Simionescu"

Bucharest, Romania

19. THE EFFECT INDUCED BY TNF ON HUMAN PANCREATIC ADENOCARCINOMA CELL LINE (BxPC-3)

Luminita Ivan¹, Elena Uyy¹, Raluca Boteanu¹, Viorel Suica¹, Simona Dima², Irinel Popescu², Felicia Antohe¹

¹*Institute of Cellular Biology and Pathology "N. Simionescu" of the Romanian Academy, Bucharest, Romania*

²*Clinical Institute Fundeni, Bucharest, Romania*

20. XANTHAN-CHITOSAN COMPLEX AS A POTENTIAL PROTECTOR AGAINST INJURIOUS EFFECT OF NEOMYCIN

Irina-Paula Merlușcă^{1,2}, Petru Plămădeală², Oana-Maria Daraba², Carmen Stadoleanu², Vasile Burlui², Ionel Marcel Popa¹

¹"Gheorghe Asachi" Technical University of Iasi, Faculty of Chemical Engineering and Environmental Protection, 73A, D. Mangeron Blvd., 700050, Iasi, Romania

²"Apollonia University", Faculty of Medical Dentistry, Muzicii Street, No. 2, 700050, Iasi, Romania

21. SERA FROM OBESE SUBJECTS INDUCES A PRO-INFLAMMATORY PHENOTYPE OF SUBCUTANEOUS ADIPOSE TISSUE-DERIVED STEM CELLS

Alina Constantin¹, Madalina Dumitrescu¹, Miruna Nemezc¹, Gabriela Tanko¹, Bogdan Smeu², Doina Popov¹

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22. EPIGENETIC REGULATION OF NADPH OXIDASE 5 EXPRESSION BY P300/HISTONE ACETYLTRANSFERASE IN HUMAN MACROPHAGES

Mihaela-Loredana Antonescu, Simona-Adriana Manea, Adrian Manea

Institute of Cellular Biology and Pathology "Nicolae Simionescu" of the Romanian Academy, Bucharest, Romania

23. SOME PECULIARITIES OF Mg ALLOYS ORTHOPAEDIC IMPLANTS: BIOCOMPATIBILITY ASSESSMENTS

Vasile Pruna¹, Irina Titorencu¹, Iulian Antoniac², Victor V. Jinga¹

¹Institute of Cellular Biology and Pathology "Nicolae Simionescu" of the Romanian Academy, Bucharest, Romania

²University Politehnica of Bucharest, Romania

24. SELECTION OF COLLAGEN – ALGINATE SCAFFOLDS AND THEIR POPULATION WITH HUMAN KERATINOCYTES AND FIBROBLASTS FOR SKIN RECONSTRUCTION

I. Titorencu¹, M. G. Albu Kaya², D. Zamfirescu³, V. V. Jinga¹, V. Pruna¹, M. Simionescu¹

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³LMS Plastic Surgery clinique SRL, Bucharest, Romania

25. MICROPARTICLES AS MicroRNAs MESSENGERS IMPROVING ATHEROSCLEROSIS-ASSOCIATED ENDOTHELIAL PROGENITOR CELLS DYSFUNCTION

Nicoleta Alexandru¹, Emanuel Dragan¹, Eugen Andrei¹, Violeta Ristoiu², Loredan Niculescu¹ and Adriana Georgescu¹

¹Institute of Cellular Biology and Pathology 'Nicolae Simionescu' of the Romanian Academy, Bucharest, Romania

²Faculty of Biology, University of Bucharest, Bucharest, Romania

26. MICROPARTICLES AS INTRACELLULAR DELIVERY STRATEGIES FOR MicroRNAs AND POTENTIAL THERAPIES FOR ATHEROSCLEROTIC VASCULAR DISEASE

Nicoleta Alexandru¹, Eugen Andrei¹, Emanuel Dragan¹, Florentina Safciuc¹, Ana Maria Daraban², Elisabeta Badila², Adriana Georgescu¹

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27. ANTIMICROBIAL ACTIVITY OF CHITOSAN SOLUTIONS

Marioara Nicoleta Filimon^{1,2}, Roxana Popescu³, Doina Verdes³, Paula Maniu^{1,2}, Gabi Dumitrescu⁴

¹West University of Timișoara, Faculty of Chemistry, Biology, Geography, Department of Biology-Chemistry, Timisoara, Romania

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³University of Medicine and Pharmacy “Victor Babes”, Department of Cellular and Molecular Biology, Timisoara, Romania

⁴Banat’s University of Agricultural Sciences and Veterinary Medicine “King Michael I of Romania” from Timisoara, Faculty of Animal Science and Biotechnology, Timisoara, Romania

28. PHARMACOLOGICAL INHIBITION OF HISTONE DEACETYLASE REDUCES VASCULAR NADPH OXIDASE EXPRESSION AND REACTIVE OXYGEN SPECIES FORMATION IN EXPERIMENTAL DIABETES

Adrian Manea, Simona-Adriana Manea, Mihaela Loredana Antonescu, Ioana Madalina Fenyo, Monica Raicu, Maya Simionescu

Institute of Cellular Biology and Pathology “Nicolae Simionescu” of the Romanian Academy, Bucharest, Romania

29. SCREENING FOR BIDIRECTIONAL HYDROGENASE GENES IN CYANOBACTERIA FROM CHROOCOCCALES AND OSCILLATORIALES

Mituletu Mihai¹, Bogdan Drugă², Popescu Roxana¹, Dragoș Nicolae^{2,3}

¹UMF Victor Babeș, Timișara, Romania

²Institute of Biological Research, Cluj Napoca, Romania

³Babeș-Bolyai University, Cluj Napoca, Romania

30. STRUCTURAL ANALYSIS ON APPENDICITIS

Antonella Cheșcă

Faculty of Medicine, „Transilvania” University of Brașov, Romania

31. STRUCTURAL ANALYSIS ON TONSILLITIS

Antonella Cheșcă

Faculty of Medicine, „Transilvania” University of Brașov, Romania

32. GENES INVOLVED IN CYANOTOXINS SYNTHESIS FROM DANUBE DELTA SHALLOW LAKES - DIVERSITY, SPATIAL AND TEMPORAL DISTRIBUTION

Maria Iasmina Moza^{1,2}, Mirela Moldoveanu², Piet Spaak³, Francesco Pomati³, Carmen Postolache¹

¹Faculty of Biology, University of Bucharest, Romania

²Institute of Biology, Romanian Academy of Science, Bucharest, Romania

³Swiss Federal Institute for Aquatic Science and Technology-Eawag, Dübendorf, Switzerland

33. IN VIVO EXPERIMENTAL METHOD OF HIGHLIGHTING THE MAST CELL REACTION

Mihali Ciprian-Valentin¹, Marian Petrescu Constantin¹, Turcuș Violeta^{1,2}, Toma Claudia³, Aurelia Covaci², Baltă Cornel¹, Galajda Zoltan²

¹“Vasile Goldiș” Western University of Arad, Institute of Life Sciences, Arad, Romania

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18.³⁰ - 20.⁰⁰ Presentations of equipments and laboratory reagents of the sponsoring companies Hotel International – Băile Felix, lobby
Prezentări echipamente și reactivi de laborator al companiilor sponsor – Hotel Internațional – Băile Felix, hol

20.⁰⁰ Dinner – Hotel International – Băile Felix
Cină – Hotel Internațional – Băile Felix

SATURDAY, JUNE 11 2016
SÂMBĂȚĂ, 11 IUNIE, 2016

11.⁰⁰ – 13.⁰⁰ Poster Session II, Hotel International – Băile Felix, lobby
Sesiune Postere II, Hotel International – Băile Felix, hol
Poster evaluation committee/Comisie evaluare postere:
Prof. dr. Belengeanu Valerica, Prof. dr. Bavaru Adrian

1. HISTOLOGICAL AND IMMUNOHISTOCHEMICAL MONITORING OF REJECTION REACTIONS IN CARDIAC TRANSPLANTATION

Adriana Habor¹, Horățiu Suciu², Mariana Tilinca³, Mihai Vartolomei³, Costel Dumitru⁴, Anca Sin³

¹*Discipline of Physiology, University of Medicine and Pharmacy Târgu-Mureș,*

²*Fifth Surgical Clinic University of Medicine and Pharmacy Târgu-Mureș,*

³*Discipline of Cellular Biology, University of Medicine and Pharmacy Târgu-Mureș,*

⁴*Pfizer*

2. OLEATE AMELIORATES PALMITATE AND HIGH GLUCOSE – INDUCED ENDOPLASMATIC RETICULUM STRESS RESPONSE IN HUMAN PANCREATIC B-CELLS

Gabriela Tanko, Miruna Nemecz, Alina Constantin, Madalina Dumitrescu

Institute of Cellular Biology and Pathology “Nicolae Simionescu”, Bucharest, Romania

3. APPLICATIONS OF DIFFERENTIAL EQUATIONS WITH SMALL PARAMETER IN TUMOUR GROWTH

Dragos Arotaritei¹, Gheorghita Andrei², Rotariu Mariana¹, Marius Turnea¹, Mihai Ilea¹

¹*University of Medicine and Pharmacy “Grigore T. Popa”, Iasi, Romania*

²*University Politehnica of Bucharest, Romania*

4. APPLICATIONS OF DIFFERENTIAL EQUATIONS WITH SMALL PARAMETER IN CHEMOTHERAPY CANCER DISEASES

Rotariu Mariana¹, Marius Turnea¹, Dragos Arotaritei¹, Mihai Ilea¹, Gheorghita Andrei²

¹*University of Medicine and Pharmacy “Grigore T. Popa”, Iasi, Romania*

²*University Politehnica of Bucharest, Romania*

5. DIFFERENTIAL EQUATIONS WITH APPLICATION IN TUMOUR GROWTH WITH AN IMMUNE RESPONSE

Marius Turnea¹, Dragos Arotaritei¹, Mihai Ilea¹, Gheorghita Andrei², Mariana Rotariu¹

¹*University of Medicine and Pharmacy “Grigore T. Popa”, Iasi, Romania*

²*University Politehnica of Bucharest, Romania*

6. DIFFERENTIAL EQUATIONS WITH APPLICATION IN PROSTATE CANCER DISEASES

Mihai Ilea¹, Rotariu Mariana¹, Marius Turnea¹, Dragos Arotaritei¹, Gheorghita Andrei²

¹*University of Medicine and Pharmacy “Grigore T. Popa”, Iasi, Romania*

²*University Politehnica of Bucharest, Romania*

7. HYDROGELS BASED ON CHITOSAN AND POLY(MALEIC ANHYDRIDE-ALT-VINYL ACETATE) WITH POTENTIAL APPLICATION IN DENTISTRY

Delia-Mihaela Rată^{1,2}, Anca-Niculina Cadinoiu^{1,2}, Cristian Mihalache^{2,4}, Oana Daraba^{1,2}, Vasile Burlui^{1,2,3}, Marcel Popa^{2,3,4}

¹*“Academician Ioan Hăulică” Research Institute, Iași, Romania*

²*“Apollonia” University of Iași, Romania*

³*Academy of Romanian Scientists, Bucuresti, Romania*

⁴*Department of Natural and Synthetic Polymers, “Gheorghe Asachi” Technical University of Iasi, Romani*

8. CYTOBIOCHEMISTRY OF THE PLEURAL FLUID

Drăgan Ana-Maria¹, Nemeș Drăgan Iulia Andrada²

¹*University of Oradea, Faculty of Medicine and Pharmacy, Dr. “Gavril Curteanu” Municipal Clinical Hospital, Oradea*

²*Clinical County Hospital of Oradea, University of Oradea, Faculty of Medicine and Pharmacy*

9. CYTOLOGICAL INVESTIGATIONS AT SUNFLOWER UNDER THE INFLUENCE OF THE ANTIOXIDANT EXTRACT OF GINKGO BILOBA

Sărac Ioan¹, Irina Petrescu¹, Cherecheș Bogdan¹, Madoșa Emlian¹

Banat’s University of Agricultural Sciences and Veterinary Medicine “King Michael I of Romania” Timisoara, România

10. THYROID MEDULLAR CARCINOMA - ECTOPIC SOURCE OF ACTH AND ASSOCIATED CUSHING SYNDROME

Ioana Muntean¹, Irina Petrescu², Alina Belengeanu¹, Marioara Cornianu¹, Anca Muresan¹, Octavia Vita¹, Daniela Pușcașiu¹, Monica Vaida¹

¹*Universitatea de Medicină și Farmacie Victor Babeș Timișoara, România*

²*Universitatea de Științe Agricole și Medicină Veterinară a Banatului Timișoara, România*

11. 17-BETA ESTRADIOL STIMULATES MIGRATION AND INTEGRATION OF MESENCHYMAL STEM CELLS INTO HEART TISSUE BY A MECHANISM INVOLVING EMMPRIN AND MMP-9

Maria Cristina Mihai, Mirel Adrian Popa, Maya Simionescu

Institute of Cellular Biology and Pathology “Nicolae Simionescu” of the Romanian Academy, Bucharest, Romania

12. Androgen receptors, EMMPRIN AND MMP-9 are involved in migration and chemotaxis of DHT-stimulated mesenchymal stem cells toward heart tissue sections

Mirel Adrian Popa, Maria Cristina Mihai, Maya Simionescu

Institute of Cellular Biology and Pathology "Nicolae Simionescu" of the Romanian Academy, Bucharest, Romania

13. NOVEL POLYSULPHONE BIOMATERIALS ENGINEERED FOR BONE REGENERATION APPLICATIONS

Sorina Dinescu¹, Anca Hermenean², Aurel Ardelean², Mariana Ionita³, Eugen Radu⁴, Marieta Costache¹

¹*Department of Biochemistry and Molecular Biology, University of Bucharest, Bucharest, Romania*

²*Institute of Life Sciences, Vasile Goldis Western University of Arad, Arad, Romania*

³*University Politehnica of Bucharest, Bucharest, Romania*

⁴*University Hospital Bucharest, Molimagex Bucharest, Romania*

14. STUDIES CONCERNING THE ANTIOXIDANT CAPACITY IN SOME POPULATIONS OF *PRIMULA VULGARIS* L. IN WESTERN ROMANIA

Mot Claudia Anca¹, Madoşa E.¹

¹*Batat's University of Agricultural Sciences and Medicine Veterinary "King Michael I from Romania" Timisoara, Romania*

15. ASSESMENT OF THE PROLIFERATIVE CAPACITY BY Ki-67 IN MOLECULAR GROUPS OF BREAST CANCER

Dana Carmen Zaha¹, Ioana Coralia Codreanu¹, Annamaria Pallag¹, Elena Lazar²

¹*University of Oradea, Faculty of Medicine and Pharmacy, Oradea, Romania*

²*Victor Babes University of Medicine and Pharmacy, Timisoara, Romania*

16. THE PROGNOSTIC VALUE OF p53 PROTEIN IN BREAST CANCER MOLECULAR GROUPS

Dana Carmen Zaha¹, Ramona Nicoleta Suci¹, Felicia Cioara¹, Elena Lazar²

¹*University of Oradea, Faculty of Medicine and Pharmacy, Oradea, Romania*

²*Victor Babes University of Medicine and Pharmacy, Timisoara, Romania*

17. BIODIVERSITY ASSESSMENT BY MEANS OF LEAF ANATOMICAL TRAITS

Dorina PODAR¹, Zoltan R. BÁLÁZS¹, Mihai PUŞCAŞ²

¹*Departament of Molecular Biology and Biotechnology, Faculty of Biology and Geology, Babeş-Bolyai University, Cluj-Napoca, România,*

²*"Alexandru Borza" Botanical Garden, Babeş-Bolyai University, Cluj-Napoca, România*

18. PALMITIC ACID AND HIGH GLUCOSE IMPAIR AUTOPHAGY AND INSULIN SECRETION IN HUMAN PANCREATIC β -CELLS

Madalina Dumitrescu, Alina Constantin, Miruna Nemezc, Gabriela Tanko

Institute of Cellular Biology and Pathology, "Nicolae Simionescu", Bucharest, Romania

19. ENDOPLASMIC RETICULUM HOMEOSTASIS IN HUMAN β -CELLS IS DISTURBED BY LIPOTOXIC FACTORS FROM SERA OF DIABETIC AND OBESE PATIENTS

Miruna Nemez¹, Alina Constantin¹, Madalina Dumitrescu¹, Cristian Guja², Gabriela Tanko¹

¹*Institute of Cellular Biology and Pathology "Nicolae Simionescu", Bucharest, Romania*

²*Institute of Diabetes, Nutrition and Metabolic Diseases "Prof. Dr N. Paulescu", Romania*

20. UPF3B, UBE2A CUL4B THE DUPLICATE GENES, IN X-LINKED INTELLECTUAL DISABILITY

Belengeanu Valerica¹, Doriana Misceo³, Alina Belengeanu², Cristina Popescu¹

¹*"Vasile Goldis" Western University of Arad, Romania*

²*University of Medicine and Pharmacy "Victor Babeș, Timișoara, Romania*

³*University of Medicine, Oslo, Norway*

21. IN VITRO EFFECTS OF *MOMORDICA CHARANTIA* EXTRACTS IN DIFFERENT SOLVENTS

¹Roxana Popescu, Cristina Daliborca Vlad, ¹Cristian S. Vlad, ¹Doina Verdes, ²Dorica Botau, ³Marioara Nicoleta Filimon, ²Gabi Dumitrescu, ¹Victor Dumitrascu

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22. CYTOTOXIC EFFECTS OF SOME AMMONIUM IONIC LIQUIDS ON HCT 8 HUMAN COLON CARCINOMA CELLS

Gabi Dumitrescu, ²Roxana Popescu, ¹Liliana Petculescu Ciochină, ³Nicoleta Mărioara Filimon, ²Doina Verdes

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²*Victor Babes University of Medicine and Pharmacy, Cell and Molecular Biology Department, Timisoara, Romania*

³*West University of Timisoara, Chemistry-Biology Department, Timisoara, Romania*

23. P-SELECTIN TARGETED DEXAMETHASONE-LOADED LIPID NANOEMULSIONS REDUCE ENDOTHELIUM INFLAMMATION

Viorel Simion, Cristina Ana Constantinescu, Daniela Stan, Mariana Deleanu, Monica Madalina Tucureanu, Elena Butoi, Ileana Manduteanu, Maya Simionescu, Manuela Calin

¹*Institute of Cellular Biology and Pathology "Nicolae Simionescu" of the Romanian Academy, Bucharest, Romania*

24. DYNAMIN-DEPENDENT ENDOCYTOSIS IS THE MAIN PATHWAY INVOLVED IN DNA TRANSFECTION OF HEK 293 CELLS BY SILOXANE/PEI-DNA POLYPLEXES

Cristina Ana Constantinescu¹, Daniela Stan¹,Cristina Uritu², Mariana Pinteala², Maya Simionescu¹, Manuela Calin¹

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Bucharest, Romania

²Centre of Advanced Research in Bionanoconjugates and Biopolymers, Institute of Macromolecular Chemistry "Petru Poni", Iasi, Romania

25. EFFECTS OF AG/TIO₂ NANOPARTICLES DEVELOPED FOR LEATHER SURFACE FINISHING ON HUMAN KERATINOCYTES

Daniela Stan¹, Cristina Ana Constantinescu¹, Carmen Gaidau², Madalina Ignat², Aurora Petica², Manuela Calin¹

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²R&D National Institute for Textiles and Leather (INCDTP)–Leather and Footwear Research Institute (ICPI) Division, Bucharest, Romania

26. EFFICIENT OBTAINING OF CYTOCHROME P450 MONOOXYGENASES FROM PLANTS BY MICROSOMAL ISOLATION WITHOUT ULTRACENTRIFUGATION

Veres Dorottya ¹, Lupan Iulia ¹, Popescu Octavian ¹

¹Institute for Interdisciplinary Research in Bio-Nano-Sciences, Molecular Biology Center, Babes-Bolyai-University, Treboniu Laurian Street 42, Cluj-Napoca RO-400271, Romania.

27. SKIN WOUNDS HEALING ENHANCEMENTS USING NON-THERMAL PLASMA
Laurentiu Bădescu¹, Constantin Grigoraș², Manuela Ciocoiu², Carmen Elena Cotrutz¹, Doinița Olinici¹, Laura Stoica¹, Magda Bădescu²

¹Cell and Molecular Biology, University of Medicine and Pharmacy "Gr. T. Popa" of Iași, Romania

²Pathophysiology, University of Medicine and Pharmacy "Gr. T. Popa" of Iași, Romania

28. ABDOMINAL OBESITY IS ASSOCIATED WITH HIGH SERUM LEVELS OF IL-4 IN OBESE DIABETIC SUBJECTS

Ioana Daniela Binișor, Ruxandra Ciucu, Ana Marina Andrei, Cătălina Gabriela Pisoschi, Ileana Monica Baniță

University of Medicine and Pharmacy of Craiova, Romania

29. INVOLVEMENT OF BMP-7 IN THE COLLAGEN TURNOVER IN CHRONIC VIRAL HEPATITIS

Ana Marina Andrei, Daniela Elise Tache, Camelia Elena Stănciulescu, Ștefana Oana Purcaru, Ileana Monica Baniță, Cătălina Gabriela Pisoschi

University of Medicine and Pharmacy, Craiova, Romania

30. LIVER EXPRESSION OF TLR2 AND TLR4 IN HIV AND HCV/HIV COINFECTION

Anca Mihaela Predescu, Ana Marina Andrei, Ileana Monica Baniță, Camelia Elena Stănciulescu, Cătălina Gabriela Pisoschi

University of Medicine and Pharmacy, Craiova, Romania

31. INTERDISCIPLINARY APPROACH OF EPIGENETICS

Carmen Radu

University of Oradea, Faculty of Medicine and Pharmacy

32. CLOSER TO CYANOBACTERIA FROM DANUBE DELTA LAKES

Maria Iasmina Moza^{1,2}, Ciprian Valentin Mihali³, Carmen Postolache¹

¹*Faculty of Biology, University of Bucharest, Romania*

²*Institute of Biology, Romanian Academy of Science, Bucharest, Romania*

³*International Centre of Electronic Microscopy "George Emil Palade", Life Science Institute, "Vasile Goldis" Western University of Arad, Arad, Romania*

33. RADIOANALYTICAL METHODS FOR THE MEASUREMENT OF MELANIN-CONCENTRATING HORMONE (MCH) AND DETECTION ITS RECEPTOR IN RAT TISSUES

Beáta Lelesz¹, Zoltán Szilvássy¹, Attila Tóth², Béla Juhász¹, Rita Kiss¹, József Németh¹

¹*Department of Pharmacology and Pharmacotherapy, Faculty of Medicine, University of Debrecen, H-4012 Debrecen, Nagyerdei krt. 98., Hungary*

²*Institute of Cardiology, Division of Clinical Physiology, Faculty of Medicine, University of Debrecen, H-4012 Debrecen, Nagyerdei krt. 98., Hungary*

34. 3D BIOPRINTING OF AMNIOTIC FLUID STEM CELLS EMBEDDED IN BioInk® HYDROGEL

Florin Iordache, Dorin Alexandru, Eugen Andrei, Maya Simionescu, Horia Maniu

Institute of Cellular Biology and Pathology "Nicolae Simionescu" of the Romanian Academy, Bucharest, Romania

35. EVALUATION OF PENTACHLOROPHENOL TOXICITY BY FLOW CYTOMETRIC ANALYSES USING THE UNICELLULAR ALGA CHLORELLA

Constantin-Marian Petrescu¹, Ciprian-Valentin Mihali¹, Violeta Turcuș², Daniela Bratosin^{2,3}

¹*Vasile Goldis Western University of Arad, Institute of Life Sciences, Arad, Romania*

²*Vasile Goldis Western University of Arad, Faculty of Medicine, Department of Biology, Arad, Romania*

³*National Institute for Biological Science Research and Development (INCDSB), Bucharest, Romania*

36. GRAPHENE-OXIDE EXHIBITS GREAT POTENTIAL FOR BONE TISSUE ENGINEERING APPLICATIONS

Sorina Dinescu¹, Anca Hermenean², Aurel Ardelean², Ciprian Mihali², Eugen Radu³, Mariana Ionita⁴, Marieta Costache¹

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³*Molimagex, University Hospital Bucharest, Romania*

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- 13.⁰⁰ - 14.⁰⁰ Lunch – Hotel International - Băile Felix**
Prânz – Hotel Internațional - Băile Felix
- 14.⁰⁰ - 20.⁰⁰ Free time. Timp liber**
- 20.⁰⁰ Gala dinner. Hotel International – Băile Felix**
Poster awards ceremony
Cină festivă. Hotel Internațional – Băile Felix
Ceremonie premiere postere

SUNDAY, JUNE 12, 2016
DUMINICĂ, 12 IUNIE, 2016

09.⁰⁰ – 17.⁰⁰ SOCIAL PROGRAMME Departure from Hotel International – Băile Felix, lobby at 09.⁰⁰ A.M. – return at 05.⁰⁰ P.M., Hotel International – Băile Felix, lobby
Visit to the Bears Cave, Bihor. Traditional lunch, Folklore Programme
PROGRAM SOCIAL, Plecare de la Hotel Internațional – Băile Felix, hol, la ora 9.⁰⁰ –
întoarcerea la ora 17.⁰⁰, Hotel Internațional – Băile Felix, hol
Vizitarea zonei turistice Peștera Urșilor, Bihor. Masa tradițională, Program artistic, Ansamblul
folcloric.