

WEDNESDAY, MARCH 30, 2011

VIROLOGY & MOLECULAR MEDICINE SESSION

08.00 – 09.00 **REGISTRATION** – ATHENEE PALACE HILTON HOTEL, FOYER

09.00 – 10.00 **OFFICIAL OPENING** – Salon Le Diplomat

10.00 – 11.45 LECTURE SESSION I – VIROLOGY AND MOLECULAR MEDICINE
Chairman: Stefan Constantinescu

HOW DO PATHOGENS REACH THE CNS? RECEPTOR ENGAGEMENT AND AXONAL TRANSPORT OF A NEUROTROPIC ADENOVIRUS

Eric Kremer

Director of Research Inserm

Institut de Génétique Moléculaire de Montpellier

CYTOKINE RECEPTOR SIGNAL TRANSDUCTION: MOLECULAR MECHANISMS PROVIDE INSIGHTS INTO GENE REGULATION AND DISEASE PATHOGENESIS

Olli Silvennoinen

Director, Institute of Medical Technology

Professor of Molecular Immunology

University of Tampere

CANCER-INITIATING STEM CELLS IN HEMATOLOGICAL MALIGNANCIES:NOVEL MUTATIONS AND PATHOLOGIC SIGNALING BY THE JAK-STAT PATHWAY

Stefan N. Constantinescu

Ludwig Institute for Cancer Research

and Université catholique de Louvain- de Duve Institute

METASTASIS: SEED AND SOIL HYPOTHESIS REVISITED

Dan Duda

Radiation Oncology, Edwin L. Steele Laboratory for Tumor Biology, Department of Radiation Oncology, Harvard Medical School, Massachusetts General Hospital

11.45 - 12.00 **COFFEE BREAK – SALON LE DIPLOMAT, FOYER**
PRESS CONFERENCE (LOBBY)

12.00 – 14.00 LECTURE SESSION II – VIROLOGY AND MOLECULAR MEDICINE
Chairman: Costin Cernescu

NEW INTERFERONS IN THE TREATMENT OF CHRONIC HEPATITIS C

Costin Cernescu

"Stefan S. Nicolau" Institute of Virology, Bucharest, Romanian Academy

FUTURE ANTIVIRAL AND ANTICELLULAR THERAPEUTICAL APPROACHES IN CHRONIC HEPATITIS C

Simona Ruța

"Stefan S Nicolau" Institute of Virology, Bucharest, Romania

CIRCULATION OF NEW H1N1 INFLUENZA A VIRUS PANDEMIC 2009-2010

Dorel Radu Lucian

" Cantacuzino " Immunology and Microbiology National Institute for Research and Development

RECEPTORS OF THE INNATE IMMUNE SYSTEM AS PROMISING BUT DIFFICULT TARGETS FOR DRUG DISCOVERY

Franz Kerek

Max – Planck - Institut for Biochemistry Munich/Martinsried, Germany

14.00 - 15.00 **LUNCH BREAK**

15.00 – 16.00 PLENARY SESSION I – VIROLOGY AND MOLECULAR MEDICINE
Chairman: Simona Ruta

SURFACE FUNCTIONAL IMAGING OF PROTEIN HYDROPHOBICITIES

Paul Dan Cristea¹, Rodica Tuduce¹, Octavian Arsene¹ and Dan Nicolau²

¹University "Politehnica" of Bucharest, Spl. Independentei 313, 060042, Romania

²Liverpool University, Brownlow Hill, Liverpool, L69 3GJ, U.K.

NEUROLOGICAL COMPLICATIONS IN ADOLESCENTS AND YOUNG ADULTS FROM “DR. VICTOR BABES” HOSPITAL FOR INFECTIOUS AND TROPICAL DISEASES BUCHAREST

Duiculescu D, Ene L, Radoi R, Ungureanu E, Oprea C, Tardei G, Nica M, Ruta SM, Ceausu E
“Dr. Victor Babes” Hospital for Infectious and Tropical Diseases, Bucharest, Romania

HIV/HCV COINFECTION IN AN INTRAVENOUS DRUG USER-CASE PRESENTATION

Simona Erscoiu¹, I.C. Popa², E. Ceausu¹, Sultana Camelia³, Gatiela Tardei^{1,2}

¹ UMF Carol Davila,

² Clinical Hospital of Infectious and Tropical Diseases Dr. V. Babes,

³ “Stefan S. Nicolau” Institute of Virology, Bucharest

PREVALENCE OF NNRTI RESISTANCE MUTATIONS AND RESPONSE TO NEW TREATMENT OPTIONS IN A COHORT OF HIV-1 SUBTYPE F1 INFECTED ROMANIAN ADOLESCENTS

Oprea C¹, Radoi R¹, Ungureanu E¹, Otelea D², Tardei G¹, Duiculescu D¹, Ceausu E¹

¹ Victor Babes Clinical Hospital of Infectious and Tropical Diseases Bucharest, Romania

² Matei Bals National Institute for Infectious Diseases, Molecular Diagnostics Laboratory, Bucharest Romania

ADIPOCYTOKINES AND METABOLIC SYNDROME IN MULTIEXPERIENCED HIV-INFECTED PATIENTS.

V. Arama^{1,2}, D. Munteanu¹, R. Mihailescu¹, A. Streinu-Cercel^{1,2}, D. Ion², S.S. Arama², C. Tiliscan², L. Benea¹, I. Olaru¹, M. Lazar^{1,2}, V. Leoveanu¹

¹ National Institute of Infectious Diseases Prof. Dr. Matei Bals, Bucharest (INBIMB)

² University of Medicine and Pharmacy Carol Davila, Bucharest

16.00 – 17.00

PLENARY SESSION II – VIROLOGY AND MOLECULAR MEDICINE

Chairman: Gabi Anton

SEQUENCING HBV IN ROMANIA. IMPACT ON CLINICAL AND THERAPEUTICAL OUTCOME.

Ileana Constantinescu, Ana Moise, Daniela Nedelcu, Adela Toader, Mihaela Sora

Centre for Immunogenetics and Virology - Clinical Hospital Fundeni

TUMOR SUPPRESSOR miRNAs IN HPV-RELATED CERVICAL ONCOGENESIS

A. Botezatu¹, I. V. Iancu¹, C. Bleotu¹, D. Socolov², L. Matei¹, G. Anton¹

¹ “Stefan S. Nicolau” Institute of Virology, Bucharest

² “Grigore T. Popa” University of Medicine and Pharmacy, Iassy

EXPRESSION ANALYSIS OF TGF β , WWP1 AND KLF-5 IN HPV-INDUCED CERVICAL LESIONS

Iulia V. Iancu¹, Anca Botezatu¹, Adriana Plesa¹, Irina Huica¹, Demetra Socolov², Gabriela Anton¹

¹ “Stefan S. Nicolau” Institute of Virology, Bucharest

² “Grigore T. Popa” University of Medicine and Pharmacy, Iassy

IL-6/ TNF- ALPHA POLYMORPHISMS AND CMV / HBV INFECTION STATUS IN TWO TRANSPLANT PATIENT GROUPS

Alexiu Irina¹, Luca Catalina², Tardei Gatiela³, Sultana Camelia¹, Grancea Camelia¹, Chivu-Economescu Mihaela¹, Bleotu Coralina¹, Hrehoret Doina⁴, Dorobantu Bogdan⁴, Dima Simona⁴, Ticu Dorina⁵, Kereji Eminee⁵, Costache Marieta², Popescu Irinel⁴, Sinescu Ionel⁵, Mihai Stoian¹, Ruta Simona¹, Diaconu C. Carmen¹.

¹ “Stefan S. Nicolau” Institute of Virology

² Bucharest University – Molecular Biology Multiple Users Research Base

³ “Victor Babes” Clinical Hospital for Infectious and Tropical Diseases

⁴ Fundeni Clinical Institute, Center for General Surgery and Liver Transplant

⁵ Fundeni Clinical Institute, Center for Urology and Kidney Transplant

EXPERIENCE OF OUR CENTER IN VIRAL DIAGNOSTICS AND MONITORING OF TRANSPLANTED PATIENTS.

Ana Moise, Ileana Constantinescu

Centre for Immunogenetics and Virology - Clinical Hospital Fundeni

17.00 - 17.30

COFFEE BREAK – SALON LE DIPLOMAT, FOYER

17.30 – 18.30

PLENARY SESSION III – VIROLOGY AND MOLECULAR MEDICINE

Chairman: Mihai Stoian

GENETIC ASSOCIATIONS IN SARCOIDOSIS

Dragoş Bumbăcea, Laura Lihaţchi, Carmen Stroescu, Cornelia Tudose, Diana Ioniţă

Pneumology, Marius Nasta Institute of Pneumology & Carol Davila University of Medicine and Pharmacy, Bucharest, Romania

WEST NILE INFECTIONS- A PERMANENT PUBLIC HEALTH PROBLEM IN ROMANIA

Gabriela Nicolescu¹, Alexandru Vladimirescu¹, Valeria Purcarea-Ciulacu¹, Elena Claudia Coipan¹, Gabriela Dumitrescu², Diana Popescu², Lucia Ionescu², Simona Bicheru², Constanta Boroneant³, Alexandru I Petrisor⁴, Aurora Alexe¹.

¹ " Cantacuzino " Immunology and Microbiology National Institute for Research and Development

² Medical Military Scientific Research Center

³ National Meteorology Administration

⁴ " Ion Mincu " University for Architecture and Urban Management, Bucharest

VIROLOGY DIAGNOSTIC OF PEDIATRIC ENTEROVIRUS INFECTIONS

Gratiela Tardei, Emanoil Ceausu, Petre Calistru, Simin Florescu, Rodica Rusu, Simona Erscoiu, Carmen Apostol, Stefan Lazar

Clinical Infectious Disease Hospital' Dr. Victor Babes", Bucharest

ROTAVIRUS INFECTION, AN EMERGENT DISEASE FOR ROMANIA

Stefan Lazar, Petre Calistru, Simona Tetrarov, Andreia Fodor, Gianina Arsene, Geta Cozma, Rodica Rusu, Emanoil Ceaușu

Clinical Infectious Disease Hospital' Dr. Victor Babes", Bucharest

18.30 – 19.00

PLENARY SESSION IV – VIROLOGY AND MOLECULAR MEDICINE

Chairman: Radu Dorel

CLINICAL, ETIOLOGICAL AND EVOLUTION ASPECTS IN ACUTE VIRAL MENINGITIS.

Mariana Homos, Valentina Simion, Carmen Bărbulescu, Rodica Hodrea, Daniel Eparu, Em. Ceaușu

Clinical Infectious Disease Hospital' Dr. Victor Babes", Bucharest

MOLECULAR ANALYSIS OF METHICILLIN RESISTANT *STAPHYLOCOCCUS AUREUS* (MRSA) STRAINS ISOLATED FROM LOCALIZED AND INVASIVE INFECTIONS DURING THE 2006 – 2010 INTERVAL

Irina Codita*, **Elena Carmina Dragulescu***, Mihaela Oprea*, Brindusa Elena Lixandru*, Luminita Ileana Coldea*, Sorin Dinu*, Camelia Szmal*, Cristiana Cerasella Dragomirescu*, Roxana Serban** and participants in the national surveillance program of nosocomial infections and antimicrobial resistance***

* "Cantacuzino" National Institute of Research-Development for Microbiology and Immunology, Bucharest, Romania

** National Institute of Public Health, Bucharest, Romania

*** Fundeni Clinical Institute, "Grigore Alexandrescu" Emergency Pediatric Hospital, Emergency Clinical University Hospital Bucharest, Arad County Hospital, Timisoara Hospital Nr. 3, "Matei Bals" Infectious Diseases Institute

THE PROFILES OF ANTIBIORESISTANCE IN *ESCHERICHIA COLI*, *KLEBSIELLA PNEUMONIAE* AND *ENTEROBACTER SPP.* STRAINS, ISOLATED IN CLINICAL INFECTIOUS AND TROPICAL DISEASES HOSPITAL „DR. V. BABES”, IN 2010

M. Nica, A. Dascalu, T. Biolan, E. Turcu, M. Homos, V. Simion, S. Florescu, D. Duiculescu, S. Lazar,

C. Popescu, V. Melinte, C. Barbu, A.R. Gireada, C. Ghiatau, D. Caliga, E. Ceausu, P. Calistru

Clinical Infectious Disease Hospital' Dr. Victor Babes", Bucharest

CELLULAR IMMUNE RESPONSE TO *KLEBSIELLA OXYTOCA* INFECTION IN A MURINE EXPERIMENTAL MODEL

Adina Daniela Iancu, Marina Pana, Dorel Lucian Radu

" Cantacuzino " Immunology and Microbiology National Institute for Research and Development

19.00

WELCOME DRINK & PIANO MUSIC – Athenee Palace Hilton, Foyer

THURSDAY, MARCH 31, 2011

TRANSLATIONAL MEDICINE SESSION - GENOMICS

09.00 – 11.00

LECTURE SESSION I – GENOMICS

Chairman: Alik Honigman

DEVELOPMENT OF ONCOLYTIC VIRUSES AGAINST SOLID TUMORS

Amos Panet PhD

Department of Biochemistry, The Chenock Center for Virology, IMRIC, The Hebrew University-Hadassah Medical School

OUT OF BREATH IS NOT OUT OF FUNCTION: HOW DO TUMORS COPE WITH HIPOXIA

Alik Honigman

Department of Biochemistry, The Chenock Center for Virology, IMRIC, The Hebrew University-Hadassah Medical School

MOLECULAR EVIDENCE OF THE ROLE OF INFLAMMATION IN PANCREATIC CANCER

Irinel Popescu

Fundeni Clinical Institute,
University of Medicine and Pharmacy „Carol Davila” Bucharest

SOMATIC CHANGES IN INTRAHEPATIC MALIGNANT PRIMARY TUMORS IN ROMANIA

Agnès Marchio¹, Anna-Maria Tanase², Traian Dumitrascu², Sorin Dinu³, Simona Dima², Anne Dejean¹, Gabriela Oprisan³, Irinel Popescu², and Pascal Pineau¹.

¹Unité d'Organisation Nucléaire et Oncogénèse, INSERM U993, Institut Pasteur, Paris, France, ²Institute of Digestive Diseases and Hepatic Transplantation Fundeni, Bucuresti, Romania, ³Molecular Biology Laboratory, National Institute for Research/Development of Microbiology and Immunology Cantacuzino, Bucharest, Romania.

11.00 - 11.15

COFFEE BREAK – SALON LE DIPLOMAT, FOYER offered by



11.15 – 13.15

LECTURE SESSION II – GENOMICS

Chairman: Sarah Ferber

ADULT CELL REPROGRAMMING ALONG THE PANCREATIC LINEAGE AND BETA-CELL-LIKE FUNCTION

Sarah Ferber

The Stem cells and Regenerative Medicine Institute Sheba Medical Ctr. Tel-Hashomer, Sackler School of Med. Tel-Aviv University

IN VITRO SUPPRESSION OF TUMOR DEVELOPMENT

Paunescu V¹, Bojin Florina¹, Gavriluc Oana¹, Tatu CA^{1,2}, Ordodi V¹, Rosca Adriana², Cristea Mirabela², Gruia Alexandra², Anghel Simona², Crisnic Daniela^{1,2}, Tatu Carmen^{1,2}, Tanasie Gabriela^{1,2}, Carmen Bunu Panaitescu¹

¹"Victor Babes" University of Medicine and Pharmacy Timisoara, Romania

²Clinical Emergency County Hospital Timisoara, Romania

COMBINED GENE EXPRESSION ANALYSIS OF WHOLE TISSUE AND MICRODISSECTED PANCREATIC DUCTAL ADENOCARCINOMA IDENTIFIES GENES SPECIFICALLY OVEREXPRESSED IN TUMOR EPITHELIA

Liviu Badea^{1*}, Vlad Herlea², Simona Olimpia Dima³, Traian Dumitrascu³, Irinel Popescu^{3, 4*}

¹Bioinformatics group, National Institute for Research in Informatics, Bucharest 011455, Romania

²Department of Pathology, Fundeni Clinical Institute, Bucharest, Romania

³Center of General Surgery and Liver Transplantation, Fundeni Clinical Institute, Bucharest, Romania

⁴Carol Davila University of Medicine and Pharmacy, Bucharest, Romania.

INVOLVEMENT OF MICRORNAS TO CANCER GENESIS AND HOMEOSTATIS

Florin Selaru

Gastroenterology and Hepatology, Johns Hopkins University

PRO-INFLAMMATORY CITOKINES AND AIRWAYS REMODELING PROCESSES

Carmen Panaitescu

Victor Babes University of Medicine and Pharmacy Timisoara

13.30 - 14.15

LUNCH BREAK

14.15 – 16.15

LECTURE SESSION III – GENOMICS

Chairman: Stefana Petrescu

Ns2 PROTEIN OF HEPATITIS C VIRUS COORDINATES THE ASSEMBLY PROCESS OF THE VIRION

Costin-Ioan Popescu¹, Nathalie Callens², Dave Trinel³, Laurent Heliot³, Phillippe Roingeard⁴, Francois Penin⁵, Yves Rouillé², Jean Dubuisson²

¹ Institute of Biochemistry, Bucharest, Romania,

² Institute Pasteur of Lille, Center of Infection and Immunity of Lille (CIIL), F-59019, Lille, France ; INSERM U1019, F-59019, Lille, France ; CNRS UMR8204, F-59021, Lille, France ; Univ Lille Nord de France, F-59000 Lille, France,

³ Institute of Interdisciplinary Research, 59658 Vielleneuve d'Ascq, France,

⁴ INSERM U966, Université Francois Rabelais and CHRU de Tours, F-37032 Tours, France,

⁵ Institut de Biologie et Chimie des Protéines, CNRS UMR-5086, Université de Lyon.

THE ER HOMEOSTASY REQUIRES A FINE TUNE OF EDEM PROTEINS REGULATION

Simona Ghenea, Stefana Petrescu

Institute of Biochemistry of the Romanian Academy

SAME CHALLENGES, SAME POPULATION, NEW SOLUTIONS: ASSESSMENT OF A NEW PANEL OF GENES IN COLON ADENOMAS AND TUMORS

Anca Nastase¹, Liliana Livia Paslaru^{2,3}, Vlad Herlea³, Simona Dima³, Mihnea Ionescu³, Cristian Gheorghe³, Traian Dumitrascu³, Vladimir Lazar⁴, Irinel Popescu³

¹ RNTECH Bucharest, Romania

² Postgraduate Department of Biochemistry, University of Medicine and Pharmacy „Carol Davila” Bucharest

³ Fundeni Clinical Institute of Digestive Diseases and Liver Transplantation

⁴ Institute of Cancerology Gustave Roussy, Villejuif, France

DIFFERENTIATION OF MESENCHYMAL STEM CELLS ON BIOMATERIALS

Livia Sima, Stefana Petrescu

Institute of Biochemistry, Bucharest, Romania,

16.15 - 16.30 **COFFEE BREAK – SALON LE DIPLOMAT, FOYER**

16.30 - 16.50 **GS JUNIOR - SECVENTIATOR NEXT GENERATION IN MEDICINA TRANSLATIONALA**
Dr. Doinita ISPAS, Product Manager Roche Romania Diagnostics Division

16.50 – 18.50 LECTURE SESSION IV – GENOMICS
Chairman: Maria Grigoroiu-Serbanescu

ASSOCIATION OF G72/G30 GENE WITH PHENOTYPIC TRAITS OF BIPOLAR I DISORDER IN THE ROMANIAN POPULATION

Maria Grigoroiu-Serbanescu^{1*}, Carmen C. Diaconu², Stefan Herms³, Rami Abou Jamra³, Coralia Bleotu², Ana Iulia Neagu², Dorina Sima⁴, Dan Prelipceanu⁴, Radu Mihailescu⁴, Markus M. Nöthen³, Sven Cichon³

¹ Biometric Psychiatric Genetics Research Unit, Alexandru Obregia Psychiatric Hospital, Bucharest, Romania

² Stefan S. Nicolau Institute of Virology, Romanian Academy, Bucharest, Romania

³ Institute of Human Genetics, Department of Genomics, Life & Brain Center, University of Bonn, Bonn, Germany

⁴ Alexandru Obregia Psychiatric Hospital, Bucharest, Romania

INVESTIGATION OF IL28B GENE POLYMORPHISM IN ROMANIAN CHRONIC HEPATITIS C PATIENTS TREATED WITH PEGYLATED INTERFERON AND RIBAVIRIN

Razvan Iacob, Speranta Iacob, Anca Nastase, Cristian Gheorghe, Daniel Coriu, Liliana Paslaru and Liana Gheorghe

Institutul Clinic Fundeni, Bucuresti, Romania

THE GENETIC BIOMARKERS AS PREDICTIVE FACTORS IN RECTAL CANCER.

R. Seicean¹, J.E. Boers², Teodora Mocan³, Andrada Seicean⁴, Diana Indre¹, Gh. Funariu¹, C. Ciuce¹.

¹First Surgical Clinic, UMF "Iuliu Hatieganu", Cluj-Napoca, Romania

²Department of Pathology, Isala Klinieken, Zwolle, The Netherlands

³Department of Physiology, UMF "Iuliu Hatieganu", Cluj-Napoca, Romania

⁴Third Medical Clinic, UMF "Iuliu Hatieganu", Cluj-Napoca, Romania

19.30 **RECEPTION – „CASA OAMENILOR DE STIINTA”**



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CELL THERAPY CONFERENCE

FRIDAY, APRIL 01, 2011

09.00 – 10.45 LECTURE SESSION I – CELL THERAPY
Chairman: Shimon Efrat

EX-VIVO GENERATION OF HUMAN INSULIN-PRODUCING CELLS FOR CELL THERAPY OF DIABETES

Shimon Efrat

The Nancy Gluck Regan Chair in Juvenile Diabetes, Sackler School of Medicine, Tel Aviv University

SEARCHING THE PRIMARY CAUSE OF DIABETES

Constantin Ionescu-Tirgoviste

National Institute of Diabetes, Nutrition and Metabolic Diseases "N.C.Paulescu"

THE CARDIAC REGENERATIVE POTENTIAL OF MESENCHYMAL STEM CELLS

Alexandrina Burlacu, Ana Maria Rosca, Bogdan Preda, Gabriela Grigorescu, Maya Simionescu

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

10.45 - 11.15 **COFFEE BREAK – SALON LE DIPLOMAT, FOYER**

11.15 – 13.15 LECTURE SESSION II – CELL THERAPY
Chairman: Thierry Berney

ADVANCES IN ISLET CELL TRANSPLANTATION FOR TYPE 1 DIABETES: FROM BENCH TO BEDSIDE

Thierry Berney

Director, Pancreas/Islet Transplantation Program, Divisions of Visceral Surgery and Transplantation, Geneva University Hospitals

INDUCTION OF MESENCHYMAL STEM CELLS INTO INSULIN-SECRETING CELLS

Oana Gavriluc, Rosca Adriana, Ordodi Valentin, Gruia Alexandra, Mic Felix, Bojin Florina, Tatu Calin, Tanasie Gabriela, Paunescu Virgil

Victor Babes University of Medicine and Pharmacy Timisoara

GENETIC CHANGES DURING ADIPOCYTES ONTOGENESIS

Bojin Florina¹, Gavriluc Oana¹, Tatu CA^{1,2}, Ordodi V¹, Cristea Mirabela², Gruia Alexandra², Anghel Simona^{1,2}, Boleman Alexandra¹, Crisnic Daniela^{1,2}, Tatu Carmen^{1,2}, Tanasie Gabriela^{1,2}, Panaitescu Carmen¹, Paunescu V¹

¹"Victor Babes" University of Medicine and Pharmacy Timisoara, Romania

²Clinical Emergency County Hospital Timisoara, Romania

INDUCTION OF DIFFERENTIATION CHANGE THE PHENOTYPE AND TUMORIGENIC POTENTIAL OF GLIOBLASTOMA CANCER STEM CELLS

F. M. Brehar¹, C. Bleotu², S. Dima³, R. M. Gorgan¹, A.V. Ciurea¹, I. Popescu³, O. Zarnescu⁴, A. Tascu¹, L. Matei², A. Nastase³.

¹ Clinical Hospital "Bagdasar-Arseni", Bucharest

² "Stefan S. Nicolau" Institute of Virology, Bucharest

³ Fundeni Clinical Institute, Center for General Surgery and Liver Transplant, Bucharest

⁴ Bucharest University

Coordonator Proiect S.P.E.R.: Fundatia "Dan Setlăceș". **Parteneri:** Fundația pentru Transplant, Universitatea de Medicină și Farmacie "Victor Babeș" Timișoara, Spitalul Clinic Județean de Urgență Constanța, Institutul de Virusologie "Ștefan S. Nicolau" București, Institutul Clinic de Urologie și Transplant Renal Cluj-Napoca, Universitatea de Medicină și Farmacie Craiova

13.15 - 14.15 **LUNCH BREAK** offered by the Organizers Regina Maria Hall

14.15 – 16.30 **LECTURE SESSION III – CELL THERAPY**
Chairman: George Dindelegan

THE VASCULARIZED BONE MARROW TRANSPLANT AS AN ALTERNATIVE TO CONVENTIONAL BONE MARROW CELLS TRANSPLANTATION IN ONCOLOGY AND TRANSPLANTATION

I Lascar¹, D Zamfirescu D¹, I Zegrea I¹, M Popescu¹, A Bularda¹, A Lupu¹, M Simionescu², M Lanzatta M^{3,4}

¹ "Carol Davila" Bucharest Medical University, Bucharest, Romania

². Institute of Cellular Biology and Pathology, Bucharest, Romania.

³. Italian Institute for Hand Surgery and Microsurgery, Monza, Milan, Italy

⁴. University of Canberra, Australia

BIODEGRADABLE TRIDIMENSIONAL SCAFFOLD-CELL INTERACTION FOR THE RECONSTRUCTION OF THE INTESTINE BY TISSUE ENGINEERING.

George Dindelegan¹, Catalin Popa², Liana Cont², Viorica Simon³, Calin Precup¹, Dan Gongnanau¹, Ioana Brie⁴, Constantin Ciuce¹

¹ First Surgical Clinic, Iuliu Hatieganu University of Medicine and Pharmacy, Cluj-Napoca, Romania

² Department of Science and Materials Engineering, Technical University of Cluj-Napoca, Romania

³ Faculty of Physics, Babes-Bolyai University, Romania

⁴ Ion Chiricuta Oncological Institute, Cluj-Napoca, Romania

REDUCED INTENSITY CONDITIONING IN ALLOGENEIC SETTING – TRANSITION TO IMMUNOLOGICAL THINKING IN STEM CELL TRANSPLANTATION: EXPERIENCE OF BONE MARROW TRANSPLANTATION UNIT, FUNDENI CLINICAL INSTITUTE.

Varady Zsofia *, Tanase Alina*, Barbarii Ligia**, Iancu B.** , Colita Anca*, Dumitrache Luminita* , Calugaroiu C.*
Coriu D*, Colita D.*, Arion C.*

* Stem Cell Transplant Center – Fundeni Clinical Institute, Bucharest

** National Forensic Institute "Mina Minovici", Bucharest

RECENT ADVANCES IN CELL FATE AND PHENOTYPE REPROGRAMMING

Razvan Iacob, Irinel Popescu

Fundeni Clinical Institute, Bucharest

STUDIES OF TWO LOCAL DELIVERY METHODS OF BONE MARROW-DERIVED MESENCHYMAL STEM CELLS TO ACUTE IATROGENIC CUTANEO-MUSCULAR WOUNDS IN RATS

Mirela Patricia Sirbu Boeti^{1,2}, Mihaela Vasilescu¹, Cătălin Iulian Efrimescu¹, Coralia Bleotu³, Laura Suciu¹, Lucia Moldovan⁴, Dan Eftenie⁵, Laura Denisa Dragu³, Elena Ciucur¹, Viorica Coroiu⁴, Jeni-Laura Vlad², Simona Olimpia Dima², Liliana Livia Pâslaru^{1,2}, Irinel Popescu^{1,2}

¹"Carol Davila" University of Medicine and Pharmacy, Bucharest, Romania

²Fundeni Clinical Institute, Bucharest, Romania

³"Ștefan S. Nicolau" Institute of Virology, Bucharest, Romania

⁴National Institute for Biological Sciences, Bucharest, Romania

⁵S.C. Gentest International S.R.L., Bucharest, Romania

16.30 – 16.45 **BIOHELLENIKA Satellite Symposia „Perspective of stem cells therapies”**

Prof. Dr. Kouzi-Koliakou Kokkona, Aristotelis Faculty of Medicine Salonic,

President of Biohellenika Scientific Council

16.45 - 16.50 **"PaginaMedicala.ro - on-line medical community"**

Adelina Titire, Head of Business Department PaginaMedicala.ro

16.50 – 18.00 **COFFEE BREAK / POSTER SESSION VIEWING & DISCUSSIONS**

Chairman: Simona Dima

IS IT POSSIBLE TO USE IL28B GENE POLYMORPHISM FOR PREDICTION OF EARLY VIROLOGICAL RESPONSE IN PATIENTS WITH RECURRENT HEPATITIS C FOLLOWING LIVER TRANSPLANTATION?

Speranta Iacob¹, Razvan Iacob¹, Anca Nastase¹, Daniel Coriu¹, Liliana Paslaru¹, Irinel Popescu¹, Liana Gheorghe¹

¹ Fundeni Clinical Institute, Bucharest

ISOLATION OF ADIPOSE TISSUE- DERIVED MESENCHYMAL STEM CELLS FOR DEVELOPING CELL BASED THERAPIES

Liliana Paslaru^{1,2}, Patricia Boeti², Catalin Efrimescu², Anca Nastase³, Livia Sima⁴, Norica Nichita⁵, Elena Ciucur⁵, Dragos Zamfirescu⁵, Radu Mitrica¹, Irinel Popescu¹

¹ University of Medicine and Pharmacy „Carol Davila” Bucharest, Postgraduate Department of Biochemistry

² Fundeni Clinical Institute of Digestive Diseases and Liver Transplantation

³ Rntech, Bucharest

⁴ Institute of Biochemistry, Romanian Academy

⁵ Floreasca Emergency Clinic Hospital

ECG RECORDING AS A TOOL FOR VALIDATING MYOCARDIAL ISCHEMIA-REPERFUSION PROCEDURE IN MOUSE MODEL

Bogdan Preda¹, Alexandrina Burlacu¹

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

HDAC INHIBITORS REDUCE THE EXPRESSION OF MARKERS INVOLVED IN ENDOTHELIAL LINEAGE PROGRESSION.

Florin Iordache¹, Cosmin Buzila¹, Eugen Andrei¹, Marilena Lupu¹, Andrei Constantinescu¹, Maya Simionescu¹, Horia Maniu¹

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

IDENTIFICATION OF STEM CELLS BY FLOW CYTOMETRY

Eugen Andrei¹, Cosmin Buzila¹, Andrei Constantinescu¹, Florin Iordache¹, Horia Maniu¹

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

CHARACTERIZATION OF CRYOPRESERVED HUMAN UMBILICAL CORD BLOOD STEM CELLS.

Cosmin Buzila¹, Florin Iordache¹, Eugen Andrei¹, Andrei Constantinescu¹, Horia Maniu¹

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

GREEN LIGHT EFFECT ON SERUM ALBUMINS AND DNA

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SYNERGISTIC EFFECT OF GOLD NANOPARTICLES CONJUGATED WITH CISPLATIN/DOXOROBICIN/ CAPECITABINE PLUS RIBAVIRIN COMBINATION CHEMOTHERAPY ON HEPATIC CANCER STEM-LIKE CELLS

Ciprian Tomuleasa^{1,2}, Anamaria Orza³, Olga Soritau¹, Teodora Pop¹, Ofelia Mosteanu¹, Gabriel Kacso^{1,4}, Alexandru Irimie^{1,5}, Alexandru S. Biris⁶

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CORRELATION BETWEEN COLLECTED CORD BLOOD VOLUME, TOTAL NUCLEATED CELL AND CD34⁺ CELL COUNT OF UMBILICAL CORD BLOOD DERIVED STEM CELLS UNITS

Dulugiac M¹, Horeanga I¹, Nicolaescu C¹, Torcatoru A¹, Bardas A¹, Matei G¹, Macove I¹, David A¹, Leonte L¹, Zarnescu O².

¹Stem Health Unirea – REGINA MARIA, Banca Centrala de Celule Stem

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PROTEOMIC ANALYSIS OF INSULINOMA TISSUE - PRELIMINARY DATA

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TISSUE PROTEOMICS IN NODAL B CELL NON-HODGKIN LYMPHOMAS

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E6, E7, LCR HPV16 VIRAL VARIANTS IN CERVICAL CANCER

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¹ "Stefan S. Nicolau" Institute of Virology, Bucharest

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THE BONE REMODELLING IMBALANCE IN PATIENTS WITH PSORIATIC AND RHEUMATOID ARTHRITIS

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THE CYTOKINE PROFILE IN CERVICAL DISEASE HPV INDUCED

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² "Grigore T. Popa" University of Medicine and Pharmacy, Iassy

AN EUROPEAN NETWORK ON CERVICAL CANCER SURVEILLANCE AND CONTROL IN THE NEW MEMBER STATES AURORA PROJECT PRESENTATION, GRANT AGREEMENT 20091102, CO-FUNDED BY THE EUROPEAN COMMISSION - EXECUTIVE AGENCY FOR HEALTH AND CONSUMERS (PHEA)

Camelia Sultana¹, Aura Temereanca¹, Cornel Popescu¹, Simona Ruta¹

¹ "Stefan S. Nicolau" Institute of Virology, Bucharest

H-CUBE: HBV-HCV-HIV: THREE DIFFERENT AND SERIOUS THREATS FOR EUROPEAN YOUNG PEOPLE, A NETWORK TO STUDY AND TO FACE THESE CHALLENGES IN EU 2009-2011, GRANT NO 20081207 PRESENTATION CO-FUNDED BY THE EUROPEAN COMMISSION - EXECUTIVE AGENCY FOR HEALTH AND CONSUMERS (PHEA)

Camelia Sultana¹, Loredana Manolescu¹, Aura Temereanca¹, Codruta Vagu¹, Camelia Grancea¹, Petruta Mihaila¹, Simona Ruta¹

¹ "Stefan S. Nicolau" Institute of Virology, Bucharest

VIRAL GASTROENTERITIS ETIOLOGY IN SMALL CHILDREN

THE ROLE OF LABORATORY ANIMALS IN TESTING AND DEVELOPEMENT OF BIOLOGICAL PRODUCTS

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FROM AMYLOID TO AMYLOIDOSIS

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¹ National Medicine Agency, Bucharest, Romania

² "Titu Maiorescu" University, Faculty of Medicine, Bucharest, Romania

ISOTROPISM OF HEPATITIS VIRUS C

Simona Soare¹, Ana Maria Orban¹

¹ Elias Emergency University Hospital

CHILDREN ADENOVIRUSES INFECTIONS

Maria Balasoiu¹, Adriana Turculeanu¹, T. Daianu¹, A. T. Balasoiu²

¹ UMF of Craiova, discipline of Microbiology

² UMF of Craiova, student

Adriana Turculeanu¹, Balasoiu Maria¹, Carmen Avramescu¹, Tiberiu Daianu¹, Doina Olaru²

¹ UMF Craiova, Faculty of General Medicine, Department of Microbiology-Immunology

² UMF Craiova, Faculty of General Medicine, Department Medical Psychology

IDENTIFICATION OF MUTATIONS IN THE CORE GENE OF HEPATITIS C VIRUS WITH IMPLICATIONS IN CARCINOGENESIS AND RESISTANCE TO TREATMENT

Oprisan Gabriela¹, Dinu Sorin¹, Tanase Anna-Maria², Dima Simona², Dumitrascu Traian², Ureche Cristina-Ileana¹, Marchio Agnes³, Pineau Pascal³ and Popescu Irinel²

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ARRAY-BASED COMPARATIVE GENOMIC HYBRIDIZATION (aCGH)– A VERSATILE TOOL IN RESEARCH AND CLINICAL DIAGNOSIS

A.C. Tutulan-Cunifa¹, A. Arghir¹, S.M. Papuc¹, M. Budisteanu^{1,2}, M. Cristea¹, I. Borcan¹, A. Lungeanu¹

¹ "Victor Babes" National Institute of Pathology, Medical Genetics Laboratory

² "Prof. Dr. Alex. Obregia" Clinical Hospital of Pathology, Department of Pediatric Neurology

CARDIAC ABNORMALITIES IN CHILDREN EXPOSED IN UTERO TO ANTIRETROVIRAL THERAPY

Cosmina Cristea^{1,2}, Andreia Vlasceanu¹

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LIPIDS BEHAVIOR IN Helicobacter pylori INFECTION

Vasile (Preda) Gabriela Camelia^{1,2}, Buriu Mihaela¹, Rosoiu Natalia²

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² OVIDIUS University Constanta – Faculty of Natural and Agricultural Sciences, Department of Biology and Biochemistry

MANAGEMENT AND QUALITY ASSURANCE IN MEDICAL ANALYSIS LABORATORIES

Leibovici Barbu, Vanan Marcel

WHEEZING IN CHILDREN WITH CYSTIC FIBROSIS

Ioana Ciucă¹, Liviu Pop¹, Zagorca Popa², Ioan Popa¹

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HISTOPATHOLOGICAL FEATURES OF NEUROENDOCRINE GASTROENTEROPANCREATIC TUMORS

Elena Stoica-Mustafa¹, C. Pechianu¹, Monica Hortopan¹, Andreea Iorgescu¹, Simona Olimpia Dima², C. Ungureanu², V. Tomulescu², Oana Stanciulea², T. Dumitrascu², I. Popescu², V. Herlea¹.

Department of Pathology, Fundeni Clinical Institute, Bucharest, Romania

Centre of General Surgery and Liver Transplantation, Fundeni Clinical Institute, Bucharest, Romania

18.00

CLOSING CEREMONY / „HERBERT BERLER” AWARDS