

“ACADEMICIAN NICOLAE CAJAL” SYMPOSIUM Vth edition

“Translational Oncology, Cell Therapy, Virology”

Romanian Academy Library, Bucharest / April 15 - 16, 2010

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FUNDENI CLINICAL INSTITUTE OF DIGESTIVE
DISEASES AND LIVER TRANSPLANTATION



ACKNOWLEDGEMENTS TO



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DETAILED PROGRAM

Thursday, April 15, 2010

08.00 / 08.30	REGISTRATION / ROMANIAN ACADEMY LIBRARY, FOYER / POSTER MOUNTING
08.30 / 09.00	OFFICIAL OPENING / I.E.Radulescu Hall
09.00 / 11.40 09.00 / 09.40	PLENARY SESSION – GENOMICS / Chairmen: Victor Voicu, Stefan Constantinescu JAK-STAT PATHWAY AND HEMATOPOIETIC STEM CELL MALIGNANCIES <i>Prof. Stefan N. Constantinescu, MD, PhD¹</i> <i>¹Ludwig Institute for Cancer Research Ltd. de Duve Institute, Université Catholique de Louvain</i>
09.40 / 10.20	ANTIANGIOGENIC THERAPY FOR CANCER: FROM CONCEPT CONFIRMATION TOWARDS INDIVIDUALIZED TREATMENT <i>Dan G. Duda, DMD, PhD¹</i> <i>¹Assistant Professor of Radiation Oncology, Edwin L. Steele Laboratory for Tumor Biology, Department of Radiation Oncology, Massachusetts General Hospital, Harvard Medical School</i>
10.20 / 11.00	MICRORNA INVOLVEMENT IN THE PATHOGENESIS AND DIAGNOSIS OF BILE DUCT CANCERS <i>Florin Selaru, Md¹</i> <i>¹Gastroenterology and Hepatology, Johns Hopkins University</i>
11.00 / 11.30	NUCLEOTIDE GENOMIC SIGNALS IN THE ANALYSIS OF NUCLEOTIDE SYMBOLIC SEQUENCES <i>Paul Dan Cristea¹</i> <i>¹Center of Biomedical Engineering, Politehnica University, Bucharest.</i>
11.30 / 11.50	COFFEE BREAK / Offered by: D-LINE INTERNATIONAL SRL
11.50 / 13.50 11.50 / 12.30	PLENARY SESSION: GENOMICS / Chairmen: Stefana Petrescu, Ioana Berindan INTRODUCTION OF MUTANT GENES INTO MELANOMA CELLS RESULTS IN ENHANCED ANTIGEN PRESENTATION <i>Stefana Petrescu¹</i> <i>¹Biochemistry Institute, Bucharest</i>
12.30 / 13.10	TUMOR-ASSOCIATED FIBROBLASTS INVOLVEMENT IN CANCER DEVELOPMENT <i>Paunescu V.¹, Bojin Florina¹, Tatu C.A.^{1,2}, Gavriluc Oana¹, Rosca Adriana², Gruia Alexandra², Ciuculescu Felicia¹, Tanasie Gabriela^{1,2}, Tatu Carmen^{1,2}, Bunu Carmen¹</i> <i>¹“Victor Babes” University of Medicine and Pharmacy Timisoara, Romania; ²Clinical Emergency County Hospital Timisoara, Romania</i>
13.10 – 13.50	FUNCTIONAL GENOMICS AND RADIOBIOLOGY IN CANCER. CANCER INSTITUTE “Prof. Dr. Ion Chiricuta” EXPERIENCE <i>Ioana Berindan Neagoe¹, Ovidiu Balacescu¹, Pirooska Virag¹, Ioana Brie¹, Valentin Cernea², Alexandru Irimie²</i> <i>¹Cancer Institute “Prof. Dr. Ion Chiricuta” Cluj Napoca, ²University of Medicine and Pharmacy “Iuliu Hatieganu” Cluj Napoca</i>
13.50 / 14.50	LUNCH BREAK / Offered by: PROFISAN GROUP SRL
14.50 / 17.10 14.50 / 15.30	PLENARY SESSION: CELLULAR THERAPY I Chairmen: Constantin Ionescu-Targoviste, Sarah Ferber USING ADULT TISSUES FOR GENERATING NEW ORGANS: AUTOLOGOUS CELL REPLACEMENT THERAPY FOR DIABETES. <i>Sarah Ferber, Keren Ron, Tamar Sapir, Vered Aviv, Itzick Rachmut, Kfir Molakandov, Dana Zeituni and Irit Meivar-Levy</i> <i>The Stem cells and Regenerative Medicine Institute Sheba Medical Ctr. Tel-Hashomer, Sackler School of Med. Tel-Aviv University Israel and DRI, Miami University School Of Medicine, Miami, FL. USA</i>

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15.30 / 16.10 **DIABETES MELLITUS BETWEEN BETA-CELL DYSFUNCTION AND A PRESUMED INSULIN RESISTANCE**

Acad. Constantin Ionescu-Targoviste¹

¹„Prof. Dr. N.Paulescu” Institute, Bucharest

16.10 / 16.50

CELL THERAPY FOR LIVER DISEASES

Prof. Michael Ott, MD, PhD¹

¹TWINCORE Centre for Experimental and Clinical Infection Research, Hannover, and Dept. of Gastroenterology, Hepatology and Endocrinology, Hannover Medical School, Hannover

16.50 - 17.10

ADOLESCENT OBESITY - THE ROLE OF SURGERY

Daniel DeUgarte MD, Assistant professor¹

¹UCLA, Los Angeles, CA, USA

17.10 / 18.30

COFFEE BREAK / Offered by: D-LINE INTERNATIONAL SRL

17.10 / 19.30

**PLENARY SESSION: VARIA / Chairmen: Costin Cernescu, Adrian Streinu-Cercel
THE ETHICAL ISSUES HIGHLIGHTED BY EUROPEAN GROUP OF ETHICS ON HUMAN STEM CELL USE AS
ADVANCED THERAPIES**

Bunu Carmen¹, Marusciac Laura¹, Tanasie Gabriela¹, Enache Alexandra¹

¹University of Medicine and Pharmacy Victor Babes Timisoara

17.50 / 18.30

AN EVALUATION SYSTEM FOR ANTIRETROVIRAL THERAPY IN ACUTE VIRAL HEPATITIS

Adrian Streinu-Cercel¹

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

18.30 / 19.10

**GUIDELINE FOR MANAGEMENT OF HEALTHCARE WORKERS WHO ARE INFECTED WITH HEPATITIS
VIRUSES AND HIV**

Costin Cernescu¹

¹“St. S. Nicolau” Institute of virology, Bucharest

19.10 / 19.30

THERAPEUTIC VACCINE FOR B CELL MALIGNANCY

Mircea C Popescu, MD, PhD¹; L.W. Kwak²; S.S. Neelapu², R.J.Robb³ and others.

¹Plainboro, New Jersey; ²MD Anderson Cancer Center, Houston, TX; ³XEME Biopharma, Inc. Plainsboro, NJ

20:00

WELCOME COCKTAIL / „CASA OAMENILOR DE STIINTA” RESTAURANT

(9, Lahovari Square, sector 1, Bucharest)

Offered by: PROFISAN GROUP SRL

Friday, April 16, 2010

09.00 / 10.15

**PLENARY SESSION: CELLULAR THERAPY II / Chairmen: Maya Simionescu, Michael Ott
DIRECT CONTACT OF HUMAN UMBILICAL CORD BLOOD-DERIVED ENDOTHELIAL PROGENITOR CELLS
WITH LIVING CARDIAC TISSUE IS A PREREQUISITE FOR GENERATION OF VASCULAR TUBE-LIKE
STRUCTURES**

Marilena Lupu¹, Maya Simionescu¹, Markus Khalil^{2,3}, Jürgen Hescheler², Horia Maniu¹

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

²Institute for Neurophysiology, University of Cologne, Cologne, Germany

³Pediatric Cardiology Department, University of Cologne, Cologne, Germany

09.20 / 09.35

GENERATION OF HEPATOCYTE-LIKE CELLS FROM STEM CELL SOURCES

Razvan Iacob¹

¹University of Medicine and Pharmacy „Carol Davila” Bucharest

09.35 / 09.50

**IN VITRO INDUCTION OF BONE MARROW DERIVED MESENCHYMAL STEM CELLS IN EPITHELIAL-LIKE
CELLS**

Tanasie Gabriela^{1,2}, Bojin F.¹, Tatu C.A.^{1,2}, Gavriluc O.¹, Tatu R.F.¹, Bunu C.¹, Anghel S.^{1,2}, Cristea M.¹, Paunescu V.^{1,2}

¹University of Medicine and Pharmacy Victor Babes Timisoara

²Clinical County Hospital Timisoara

09.50 / 10.00

PAGINAMEDICALA.RO: COMUNITATEA MEDICALA ONLINE

10.00 / 10.30

COFFEE BREAK / Offered by: D-LINE INTERNATIONAL SRL

10.30 / 11.50

PLENARY SESSION: VIROLOGY I / Chairman: to be confirmed

EPIGENETIC ASPECTS OF CERVIX ONCOGENESIS

Gabriela Anton¹, Simona O. Dima², Anca Botezatu¹, Anca Nastase², C. Duicuiala², Demetra Socolov³, Cristina D. Goia¹, Iulia V. Iancu¹, I. Popescu²

¹„Stefan S. Nicolau” Virology Institute, Bucharest; ² Clinical Institute for Digestive Diseases and Liver Transplant

Fundeni; ³ U.M.F. „Grigore T. Popa”, Iasi

10.45 / 11.00

NEW POTENTIAL MOLECULAR MARKERS FOR CERVICAL CANCER PROGNOSTIC

Anca Botezatu¹, Adriana Plesa¹, Cristina D. Goia¹, Demetra Socolov², Iulia V. Iancu¹, Carmen Ungureanu², Irina Huica¹, Gabriela Anton¹

¹Institute of Virology “Stefan S Nicolau”, Bucharest, Romania; ²Medicine and Pharmacy “Gr.T.Popa”, Iasi,

Romanian Institute of the Romanian Academy, Bucharest

11.00 / 11.20

HOST CELL FACTORS INVOLVED IN HBV INFECTION

Norica Nichita¹

¹The Biochemistry Institute of the Romanian Academy, Bucharest

11.20 - 11.35

**CORRELATION BETWEEN DIAGNOSTIC TESTS ON IMPLICATION OF HEPATITIS VIRUSES IN CHRONIC
LYMPHOPROLIFERATION - PREVALENCE OF INFECTIONS AND IDENTIFICATION OF MOLECULAR
MECHANISMS INVOLVED IN ONCOGENESIS (RESEARCH GRANT LIMFOVIR – RESULTS OF THE 3RD
PHASE)**

R. Mihăilescu², V. Aramă^{1,2}, A. Streinu Cercel^{1,2}, S.S. Aramă¹, A.M. Vlădăreanu^{1,3}, C. Dobrea⁴, V. Molagic¹, D. Otelea², M.

Paraschiv², D.A.Ion¹, A. Rafila^{1,2}, M. Olariu², C. Tilișcan¹, D. Munteanu², M. Radulescu², H.Bumbea³, C. Ciufu^{1,3}, S. Costoiu¹, M.

Marza

¹University of Medicine and Pharmacy “Carol Davila”, Bucharest; ²National Institute of Infectious Diseases “Prof. Dr. Matei Bals”,

Bucharest; ³Emergency University Hospital, Department of Hematology, Bucharest; ⁴National Institute of Research in Pathology

and Biomedical Sciences “Victor Babes”, Bucharest

POSTER VIEWING

1. THE EXPRESSION OF CELL CYCLE REGULATORS IN DYSPLASTIC LESIONS OF THE UTERINE CERVIXCristina D Goia¹, Iulia V Iancu¹, Demetra Socolov², Anca Botezatu¹, Adriana Plesa¹, Sergiu Telesman², Irina Huica¹, Gabriela Anton¹
¹„Stefan S. Nicolau” Virology Institute, Bucharest; ²U.M.F., Iasi**2. EXPRESSION ANALYSIS OF MEMBERS OF THE TGF- β SUPERFAMILY SIGNALLING PATHWAYS IN HUMAN CERVICAL CANCER**Iulia V Iancu¹, Demetra Socolov², Anca Botezatu¹, Adriana Plesa¹, Carmen Ungureanu², Cristina Goia¹, Gabriela Anton¹
¹Stefan S Nicolau-Institute of Virology, Bucharest-Romania; ²Gr. T Popa -University of Medicine, Iassy- Romania**3. EFFECTS OF HNF4ALPHA OVEREXPRESSION ON CELL PROLIFERATION AND DIFFERENTIATION IN HUH 7,5 HEPATOCARCINOMA CELL LINE.**Iacob R^{1,2,3}, Ruedrich U¹, Rothe M¹, Bock M¹, Maasoumy B¹, Rittelmayer I¹, Iken M¹, Bitzegejo J¹, Qinggong Y¹, Popescu I², Manns M¹, Ott M¹.¹Twincore Centre of Experimental and Clinical Research, Medical School Hannover, Germany; ²University of Medicine and Pharmacy “Carol Davila” Bucharest**4. ROLE OF CHEMOKINE RECEPTOR AND ATP-BINDING CASSETTE TRANSPORTER GENE POLYMORPHISMS FOR BILIARY LESIONS FOLLOWING LIVER TRANSPLANTATION**Speranta Iacob^{1,2,3}, Vito R. Cicinnati^{1,2}, Alexander Dechêne¹, Christian G. Klein^{1,2}, Irinel Popescu³, Andreas Paul², Guido Gerken¹, Susanne Beckebaum^{1,2}¹Department of Gastroenterology and Hepatology, University Hospital Essen, Germany; ²Department of General, Visceral and Transplantation Surgery, University Hospital Essen, Germany; ³Fundeni Clinical Institute of Digestive Diseases and Liver Transplantation, Bucharest, Romania**5. H5N1 INFLUENZA VIRUS PERSISTENCE IN SURFACE WATER AND ITS INACTIVATION BY CHEMICAL AND PHYSICAL METHODS**Maria Elena Mihai¹, Cristina Tecu¹, Viorel Alexandrescu¹, Claudiu Sbarcea¹, Alina Baetel¹, Gheorghe Necula¹, Emilia Lupulescu¹, Adrian Onu¹¹I.N.C.D.M.I. Cantacuzino, Centrul National de Gripa, Bucharest**6. MDCK CELL LINE GROWTH ON MICROCARRIERS IN WAVE BIOREACTOR**Daniel Chirita¹, Alina Baetel¹, Ramona Pitica¹, Emilia Lupulescu¹, Adrian Onu¹, Mariana Orasanu¹¹I. N.C.D.M.I. Cantacuzino, Bucharest**7. CMV INFECTION STATUS AND IL-6, TNF-A GENOTYPES IN TWO TRANSPLANT RECIPIENTS GROUPS**Alexiu I¹, Tardei G², Grancea C¹, Luca C³, Costache M³, Ticu D⁴, Sinescu I⁴, Dorobantu B⁵, Dima S.O.⁵, Popescu I.⁵, Stoian M.¹, Diaconu C.C.¹Institute of Virology “Stefan. S. Nicolau”; ²Clinical Hospital for Infectious and Tropical Diseases “Dr. Victor Babes”; ³Research base – Molecular Biology, University of Bucharest; ⁴Fundeni Clinical Institute for Urology and Kidney Transplantation; ⁵Fundeni Clinical Institute for Digestive Disease and Liver Transplantation**8. THE IMPORTANCE OF P16, P63, CK17, HPV, CD34, PCNA MONOCLONAL ANTIBODY FOR EARLY DIAGNOSIS AND PROGNOSIS OF VIRAL CERVICAL CARCINOMA**Mariana Aschie¹, Anca Chiso¹, Antonela Anca Craciun¹, Ionut Poinareanu¹, Anca Florentina Mltroi¹, Andreea Iliesiu¹¹Research Collective of Pathology Department from Emergency Clinical County Hospital of Constanta**9. GENE EXPRESSION OF GLIOBLASTOMA STEM CELLS IN DIFFERENT CULTURE CONDITIONS**Bleotu Coralia¹, Matei Lilia¹, Brehar Felix², Chivu Mihaela¹, Dragu Denisa¹, Nastase Anca³, Badea Liviu⁴, Zarnescu Otilia⁵, Aldea Ioana¹, Cosmin Stancu¹, Dima Simona Olimpia⁶, Diaconu Carmen Cristina¹¹Stefan S Nicolau Institute of Virology, Romania; ²Clinical Hospital Bagdasar-Arseni, Romania; ³RN-TECH Romania; ⁴National Institute for Research and Development in Informatic, Romania; ⁵University of Bucharest, Faculty of Biology, Romania; ⁶Fundeni Clinical Institute for Digestive Disease and Liver Transplantation, Romania**10. HCV RNA DETECTION THROUGH REAL-TIME PCR METHOD**Elena Ciobață¹, Simona Popa², Larisa Săndulescu², Nicoleta Zuican¹, Ion Rogoveanu², Maria Moța², Elena Buteică², Mihai Ioana²¹Emergency County Hospital Craiova; ²University of Medicine and Pharmacy Craiova**11. THE EFFICIENCY OF MICROBIAL DECONTAMINATION OF PLANTS WITH STRESS RELIEF EFFECTS, USING ALTERNATIVE METHODS**Paula Constantinescu¹, Alexandra Cucu¹, Mariana Petrescu¹, Maria Dumitrascu², Eugen Sima², Radu Minea², Elena Mazilu³¹Institute of Public Health, Bucharest; ²National Institute for Research and Development for the Laser, Plasma and Radiation Physics; ³SC Hofigal S.A.**12. ESTABLISHMENT OF PRIMARY PULMONARY FIBROBLASTS CULTURE AND IN VITRO INDUCTION OF SMOOTH MUSCLE PHENOTYPE**Bunu Carmen¹, Matis Bianca¹, Tatu C.A.^{1,2}, Bojin Florina¹, Gavriluc Oana¹, Tanasie Gabriela^{1,2}, Tatu Carmen^{1,2}, Paunescu V.^{1,2}¹University of Medicine and Pharmacy Victor Babes Timisoara; ²Clinical County Hospital Timisoara**13. ONSET OF HIV-CMV INFECTION WITH PSYCHIATRIC MANIFESTATIONS IN A YOUNG PATIENT (VIROLOGICAL DIAGNOSIS).****PRESENTATION OF CASE.**Alina Nastasie¹, Simona Erscoiu², Gratiela Tardei³, Irina Alexiu¹, Carmen C. Diaconu¹, Emanoil Ceausu², Costin Cernescu¹¹Stefan S. Nicolau Institut of Virology, Bucharest; ²Carol Davila University of Medicine and Pharmacy, Bucharest; ³Victor Babes Clinical Hospital of Infectious and Tropical Diseases**14. SERUM PROTEIN PROFILING IN PANCREATIC AND COLON CANCER BY SELDI TECHNOLOGY**Ionela Daniela Popescu¹, R. Albulescu¹, E. Raducan¹, L. Albulescu¹, E. Codorean¹, A. Neagoe¹, Cristiana Tanase¹¹„Victor Babes” National Institute of Pathology, Biochemistry Department, Bucharest**15. CYTOKINE AND GROWTH FACTORS PROFILES IN CAVEOLIN-1 TRANSGENIC MICE**Elena Raducan¹, Lucian Albulescu¹, Ionela Daniela Popescu¹, Radu Albulescu¹, Neagoe Alina¹, Codorean Eleonora¹, Cristiana Tanase¹¹„Victor Babes” National Institute of Pathology, Biochemistry Department, Bucharest**16. STEM CELLS – A NEW AND PROMISING TERAPEUTIC METHOD IN OSTEOARTICULAR DISEASES**Simona Soare¹¹Elias Hospital, Bucharest**17. PLACENTAL MESENCHYMAL MULTIPOTENT/STEM CELLS**Dan Rus¹, Ciuca², Olga Sorițău², Sergiu Șuşman², Carmen Mihu²¹Departmental Hospital Cluj-Napoca, Pathology Department; ²Oncology Institute “Ion Chiricuta” Cluj-Napoca, Radiobiology Laboratory; ³University of Medicine and Pharmacy “Iuliu Hatieganu” Cluj-Napoca, Morphology Department**18. THE INCIDENCE OF ADENOVIURAL INFECTIONS IN CHILDREN HOSPITALIZED WITH PNEUMONIA OR ACUTE BRONCHIOLITIS**Cristina Tecu¹, Maria Elena Mihai¹, C.E. Sbarcea¹, D. Orasanu², Carmen Zapucioiu², Aurora Sima², D. Matei³, M.Craiu³, A. Cochino³ si V.Alexandrescu¹¹NIRDMI Cantacuzino, Bucharest; ²Grigore Alexandrescu Hospital Pediatrics, Bucharest; ³Alfred Rusescu Hospital Pediatrics, Bucharest Hospital Pediatrics**19. ISOLATION AND CHARACTERIZATION OF HEPATIC CANCER CELLS WITH STEM-LIKE PROPERTIES FROM HEPATOCELLULAR CARCINOMA**Ciprian Tomuleasa^{1,2}, Olga Sorițău¹, Dan Rus-Ciucă², Teodora Pop^{2,3}, Daniela Todea⁴, Bogdan Pinteă³, Ofelia Moșteanu^{2,3}, Vasile Foris^{1,2}, SergiuȘuşman², Gabriel Kacsó^{2,5}, Alexandru Irimie^{2,6}Departments of: ¹Cancer Immunology, ²Pathology, ³Radiotherapy and ⁴Surgical Oncology “Prof Dr Ion Chiricuță” Comprehensive Cancer Center, Cluj Napoca, Romania;⁵„Iuliu Hatieganu” University of Medicine and Pharmacy, Cluj Napoca; ⁶Department of Gastroenterology, 3rd Medical Clinic, Cluj Napoca**20. INTERLEUKIN 10 (IL-10) AND NEUROTROFIN 3 (NT-3) IN THE PROGNOSIS OF VIRAL NEUROINFLAMMATION IN CHILDREN**Daniela Pasarica¹, Florica Toparceanu², Mihaela Gheorghiu¹, Loretta Ichim², Coralia Belotu², Mihai Stoian²¹„Carol Davila” University of Medicine and Pharmacy, Bucharest; ²„Stefan S. Nicolau” Virology Institute, Bucharest**21. GASTROENTERITIS WITH ROTAVIRUSES IN CHILDREN**Adriana Turculeanu¹, Maria Bălășoiu¹, Carmen Avrămescu¹, Anca Ungureanu¹, Mariana-Alina Sorescu²¹University of Medicine and Pharmacy, Craiova, Department of Microbiology and Immunology; ²SC Laborator Amaradia SRL, Craiova**22. IMMUNOLOGICAL EVENTS IN HELICOBACTER PYLORI INFECTION**Gabriela Vasile (Preda)^{1,2}, Mihaela Buriu¹, Ana Maria Cretu^{2,3}, Natalia Rosoiu²¹MEDSTAR2000 Medical Center Constanta; ²OVIDIUS University Constanta – Faculty of Natural and Agricultural Sciences, Department of Biology and Biochemistry;³Emergency Clinical Hospital of Constanta – Pathological Anatomy Department**23. NORMAL AND ABNORMAL GENE EXPRESSION IN ADIPOGENIC DIFFERENTIATION PATHWAY**Bojin Florina^{1,2}, Gavriluc O.¹, Tatu C.A.^{1,2}, Tanasie G.^{1,2}, Tatu C.^{1,2}, Bunu C.¹, Paunescu V.^{1,2}¹University of Medicine and Pharmacy Victor Babes, Timisoara; ²Clinical County Hospital, Timisoara

24. CYSTIC FIBROSIS ASSOCIATED LIVER DISEASE

Ioana Ciuca¹, L. Pop¹, Z. Popa², I. Popa¹

¹Clinic II Pediatric, University of Medicine and Pharmacy "Victor Babes" Timisoara; ²National Cystic Fibrosis Center, Clinical County Hospital, Timisoara, Romania

25. EVALUATION OF P53 GENE SEQUENCE IN COLORECTAL CANCER USING REAL-TIME PCR

Alina Cimpoeu¹, Dana Iovanescu², Eftimie Miutescu³, Elena Cioboata¹, Bogdan Pintilie¹, Lidia Boldeanu², Mihai Ioana², Mihai Cruce²

¹County Emergency Hospital, Craiova; ²University of Medicine and Pharmacy, Craiova; ³Western University "Vasile Goldis", Arad

13.00 / 14.25

PLENARY SESSION: VIROLOGY II / Chairman: Simona Ruta

13.00 / 14.40

VIROLOGICAL CRITERIA FOR MONITORING ANTIRETROVIRAL THERAPY

Simona Ruta¹

¹"Carol Davila" University of Medicine and Pharmacy and "St. S. Nicolau" Institute of Virology

13.40 / 13.55

THE SIGNIFICANCE OF HIV RNA LEVELS IN CSF OF HIV-1 INFECTED PATIENTS WITH CENTRAL NERVOUS SYSTEM COMPLICATIONS

Duiculescu D¹, Ene L.¹, Tardej G¹, Mindu N¹, Ruta S.M.², Ceusu E¹

¹"Dr. Victor Babes" Hospital for Infectious and Tropical Diseases, AIDS Department, Bucharest, Romania, ²"Stefan S. Nicolau"

Institute of Virology and "Carol Davila" University of Medicine, Bucharest, Romania

13.55 / 14.10

DETECTION OF NUCLEOTIDE SUBSTITUTIONS WHICH CONFERS ANTIRETROVIRAL RESISTANCE IN ANTIRETROVIRAL TREATMENT NAÏVE HIV- POSITIVE PATIENTS

Aura Temereanca¹, Luminita Ene³, Codruța Vagu², Camelia Sultana^{1,2}, Loredana Manolescu^{1,2}, Camelia Grancea²,

Petruta Mihaila², Dan Duiculescu³, Simona Ruță¹

¹U.M.F. "Carol Davila", Bucharest; ²"Stefan S. Nicolau" Virology Institute, Bucharest; ³"Victor Babes" Clinical Hospital

for Infectious and Tropical Diseases, Bucharest

14.10 / 14.25

EVALUATION OF ANTIRETROVIRAL RESISTANCE MUTATION PROFILE AND OF PHYLOGENETIC PARTICULARITIES OF F CLADE IN A GROUP OF NAIVE CHILDREN AND ADOLESCENTS

Ene L¹, Duiculescu D¹, Radoi R¹, Buckton A², Ruta SM³, Smith D⁴

¹"Dr. Victor Babes" Hospital for Infectious and Tropical Diseases, AIDS Department, Bucharest, Romania, ²Centre for Infections,

Health Protection Agency, Virus Reference Department, London, United Kingdom; ³"Stefan S. Nicolau" Institute of Virology and

"Carol Davila" University of Medicine Bucharest, Romania; ⁴University of California at San Diego Department of Medicine, La

Jolla, California, USA

14.25 - 14.40

IMPACT OF DETECTABLE CYTOMEGALOVIRUS VIRAEMIA ON PROGRESSION OF HIV INFECTION IN PATIENTS UNDERGOING HIGHLY ACTIVE ANTIRETROVIRAL THERAPY

Mihailescu R¹, Arama V^{1,2}, Streinu-Cercel A^{1,2}, Otelea D¹, Paraschiv S¹, Tudor Ana- Maria^{1,2}, Chiotan C¹, Oлару I¹, Munteanu D¹,

Hristea A^{1,2}, Neaga E¹, Radulescu M¹

¹"Prof. Dr. Matei Bals" National Institute of Infectious Diseases (INBIMB), Bucharest; ²"Carol Davila" University of

Medicine and Pharmacy, Bucharest

14.40 / 15.00

COFFEE BREAK / Offered by: D-LINE INTERNATIONAL SRL

15.00 / 17.10

PLENARY SESSION: TRANSLATIONAL ONCOLOGY / Chairmen: Irinel Popescu, Vladimir Lazar

15.00 – 15.30

TRANSLATIONAL MEDICINE: A RESEARCH MODEL IN ONCOLOGY

Prof. Dr. Irinel Popescu, MD, PhD, FACS¹

¹Clinical Institute for Digestive Diseases and Liver Transplant Fundeni, UMF Carol Davila, Bucharest

15.30 - 16.10

THE CHALLENGES AND THE GATEWAYS TO THE FUTURE MODERN ONCOLOGY: EARLY DIAGNOSIS AND INDIVIDUALIZED TREATMENT IN CANCER PATIENTS

Vladimir Lazar, MD. PhD¹

¹Director of IGR Genomic Research Centre and Head of Integrated Biology Platform, Institut Gustave Roussy,

Villejuif, France (www.igr.fr), Coordinator of WIN consortium

16.10 - 16.25

MOLECULAR MARKERS IN BCR/ABL NEGATIVE MYELOPROLIFERATIVE NEOPLASMS. FROM DETECTION TO SELECTIVE THERAPY

Carmen C. Diaconu¹, Laura Dragomir Necula¹, Mihaela Chivu¹, Mihaela Closca-Gheorghiu², Anca Roxana Lupu²,

Aurora Arghir³, Georgeta Cosdos³, AnaNeagu¹, Coralia Bleotu¹, Irina Alexiu¹, Denisa Dragu¹, Lilia Matei¹, Ioana

Aldea¹, Marius Ataman¹, Cosmin I. Stancu¹, Delia Mut-Popescu², Agripina Lungeanu³, Mihail Eugen Hinescu³,

Stefan N. Constantinescu¹

¹"Stefan S. Nicolau" Virology Institute, Bucharest, ²"Coltea Clinical Hospital", Bucharest, ³"Dr. Victor Babes" National Institute of

Pathology, Bucharest, Romania, ⁴Ludwig Institute for Cancer Research Ltd. de Duve Institute, Université catholique de Louvain

16.25 - 16.40

MODIFICATIONS OF gp130 SIGNALING IN GASTRIC EPITHELIUM DURING TUMORIGENESIS

Chivu M¹, Necula LG², Dima SO³, Nastase A⁴, Badea L⁵, Bleotu C⁶, Grancea C⁶, Stancu IC⁶, Dragu D⁶, Matei L⁶, Tudor S⁶, Dumitru A⁶,

Dumitru L⁶, Constantinescu G⁶, Popescu I⁶, Diaconu Cc⁶ Stefan S. Nicolau Institute of Virology, ³ Fundeni Clinical Institute for

Digestive Disease and Liver Transplantation; ⁶ RN-tech Romania; ⁴ National Institute for Research and Development in Informatics; ⁵

Floreasca Emergency Hospital

16.40 - 16.55

FROM BENCH TO BEDSIDE: NEW POSSIBLE BIOMARKERS IN EARLY AND LATE STAGES OF COLON CANCER - PRELIMINARY RESULT

Liliana Livia Paslaru¹, Anca Nastase², Simona Dima³, Vlad Herlea³, Mihnea Ionescu³, Cristian Gheorghe³, Traian Dumitrascu³, Sorin

Alexandrescu³, Ana Maria Eftimie², Ana Maria Niculescu², Vladimir Lazar⁴, Irinel Popescu³

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Villejuif, France

16.55 - 17.10

CLINICAL PROGNOSIS AND ADJUSTMENT OF THERAPEUTIC MANAGEMENT RELATED TO JAK2 V617F MUTATIONAL STATUS IN PHILADELPHIA-NEGATIVE MYELOPROLIFERATIVE NEOPLASMS

Mihaela Closca-Gheorghiu¹, Anca Roxana Lupu¹, Laura Dragomir Necula², Mihaela Chivu², Delia Mut Popescu¹, Carmen Cristina

Diaconu²

¹"Coltea Clinical Hospital, Bucharest; ²"Stefan S. Nicolau" Virology Institute, Bucharest

17.10 / 18.00

PLENARY SESSION: IMMUNOLOGY / VIROLOGY / Chairman: Dorel Lucian Radu

17.10– 17.25

EVALUATION OF THE IMMUNE RESPONSE AFTER IMMUNIZATION OR INFECTION BY INFLUENZA VIRUSES

Dorel Lucian Radu¹, Emilia Lupulescu¹, Crina Stavaru¹, Adina Daniela Iancu¹ / I. N.C.D.M.I. Cantacuzino, Bucharest

17.25 - 17.40

VIROLOGICAL SURVEILLANCE OF A(H1N1) -2009 PANDEMIC IN ROMANIA

Viorel Alexandrescu¹, Emilia Lupulescu¹, Alina Baetel¹, Emil Ionita¹, Maria Elena Miha¹, Cristina Tecu¹, Gheorghe Necula¹

¹I. N.C.D.M.I. Cantacuzino, Bucharest

17.40 - 17.55

NON-CLINICAL STUDY OF H1N1 PANDEMIC VACCINE

Crina Stavaru¹, Emilia Lupulescu¹, Cristin Coman¹, Orhan Rasid¹, Adina Daniela Iancu¹, Alina Baetel¹, Gheorghe Necula¹, Emil Ionita¹,

Laurentiu Berbecila¹, E Vlase¹, Viorel Alexandrescu¹, Margareta Mazilu¹, Dorel Lucian Radu¹, Adrian Onu¹

¹I. N.C.D.M.I. Cantacuzino, Bucharest

18.00

CLOSING CEREMONY / „HERBERT BERLER” AWARDS