TRANSLATIONAL RESEARCH
UPDATES IN VIROLOGY

March 30
April 01
2017

THE SYMPOSIUM ACADEMICIAN NICOLAE CAJAL of the ACADEMY OF MEDICAL SCIENCES

PR O G R A M
My dear friends,

Romanian school of medicine was for Academician Nicolae Cajal like a second family. His teachers and students were both dear to him and in all his life and activity he fought to consolidate and promote it in order to constantly educate the public opinion in have respect towards life.

This is why, every year on the occasion of the Symposium organized in my father’s memory, we commemorate not only his scientific career or the results of his studies but also the man he was and his love of life.

In the name of everything he stood for I kindly ask you to act as an unite family and join our efforts for the Symposium, in order to made the Romanian school of medicine better every day and to let her exist from now on with dignity and performances of which we can be proud of.

Many thanks to The Academy of Medical Sciences and to all that made this dream come though, the dream of a man that is not only my father but your father - to make the Romanian school of medicine serve life and people.

Irina Cajal Marin
President, Academician Nicolae Cajal Foundation
SCIENTIFIC PROGRAM

Thursday, 30 March 2017
Aula Magna of the Romanian Academy (125 Calea Victorie, Bucharest – 1)

13.00 – 14.00 REGISTRATION
Romanian Academy / Foyer

14.00 – 15.00 OFFICIAL OPENING CEREMONY
Aula Magna of the Romanian Academy

- Ionel Valentin Vlad
  President, Romanian Academy

- Victor Voicu
  Secretary General, Romanian Academy

- Maya Simionescu
  Director, Institute of Cellular Biology and Pathology “Nicolae Simionescu”

- Ionut Vulpescu
  Minister, Ministry of Culture of Romania

- Irina Cajal Marin
  President, Academician Nicolae Cajal Foundation

- Costin Cernescu
  Honorific Director, “Stefan S. Nicolau” Institute of Virology

- Irinel Popescu
  President, Romanian Academy of Medical Sciences

- Stefan Constantinescu
  Ludwig Institute for Cancer Research, Brussels

- Dan Duda - Associate Professor, Edwin L. Steele Laboratories for Tumor Biology
  Department of Radiation Oncology, Massachusetts General Hospital

15.00 – 16.30 SESSION I
Chairman: I. Popescu; D. Duda

NEW SYSTEMIC THERAPIES FOR HEPATOCELLULAR AND CHOLANGIO-CARCINOMAS
Dan Duda
Director of Translational Research in GI Radiation Oncology Investigator, Edwin L. Steele Laboratories for Tumor Biology Department of Radiation Oncology, Massachusetts General Hospital Associate Professor of Tumor Biology, Harvard Medical School

CANCER: A DISEASE OF THE IMMUNE SYSTEM
Mark Cobbold, MD PhD
Massachusetts General Hospital Cancer Center | Harvard Medical School | Center for Cancer Immunology

GENETIC SCREENING: CAN WE PREVENT DISEASE AND HAVE HEALTHIER BABIES?
Catherine DeUgarte
Clinical Professor University of California Los Angeles, USA
SESSION II
Chairman: M. Simionescu, A.V. Ciurea

HYPOTHALAMIC HAMARTOMAS A STRANGE NEUROSURGICAL DISEASE
AV. Ciurea1,2, I. Luca-Husti3, H. Moisa4, A. Mohan5, G. E. D. Petrescu1
1 Department of Neurosurgery, “Carol Davila” University School of Medicine, Bucharest, Romania.
2 Department of Neurosurgery, “Sanador Medical Center” Hospital, Bucharest, Romania.
3 Department of Neurosurgery, Bucharest Emergency University Hospital, Bucharest, Romania.
4 Department of Neurosurgery, Bihor County Emergency Hospital, Oradea, Romania.
5 Department of Neurosurgery, University of Oradea, Faculty of Medicine, Oradea, Romania.
6 Department of Neurosurgery, “Bagdasar-Arseni” Emergency Hospital, Bucharest, Romania.

EPIGENETICS, THE MOST AFFORDABLE WAY TO GENOM
Restian Adrian
University of Medicine and Pharmacy, Carol Davila, Bucharest
Fellow of the Academy of Medical Sciences

PATTERS OF MICRORNAS AND OTHER SMALL RNAS IN HEPATOCELLULAR CARCINOMA
Pål Sætrom, DPhil, Professor
Dept. of Computer and Information Science, Dept. of Cancer Research and Molecular Medicine, Norwegian University of Science and Technology, Trondheim, Norway

LIMB QUIETNESS HOMEOSTASIS DURING SLEEP AND WAKEFUL
Nadir Askenasy MD.PHD1, Jean Askenasy MD.PHD2
1 Frenkel Laboratory, Petach Tikva, Israel
2 Department of Neurology, Sackler Medical School, Tel-Aviv University, Israel.

COCKTAIL
The Club of the Academy Members
Friday, 31 March 2017
I.E. Radulescu Hall, The Library of the Romanian Academy (125 Calea Victorie, Bucharest – 1)

08.00 – 09.00  **REGISTRATION**  
*Romanian Academy Library*

09.00 – 10.45  **SESSION III**  
Chairman: Pål Sætrom; Kyoichi Takaori

**EXPRESSION OF LIVER STEM/PROGENITOR CELL SPECIFIC GENES IN HEPATOCELLULAR CARCINOMA OCCURRING ON LIVER CIRRHOSIS: THE SIGNIFICANCE REPROGRAMMING FACTORS OCT4 AND SOX2**


1 Fundeni Clinical Institute, Bucharest, Romania  
2 Hannover Medical School, Hannover Germany

**DYNAMIC OF LIVER STIFFNESS AND SERUM MARKERS OF FIBROSIS IN HCV LIVER TRANSPLANT RECIPIENTS WITH SVR FOLLOWING INTERFERON FREE TREATMENT**

S. Iacob, I. Popescu, L. Gheorghe  
Digestive Diseases and Liver Transplantation Center, Fundeni Clinical Institute, Bucharest, Romania

**LATEST MOLECULAR TECHNOLOGIES FOR HUMAN AND CANCER GENETICS**

Anna Mrozkowiak, PhD  
Application Specialist, Agilent Pathology

**PRECURSORS TO PANCREATIC CANCER: PANIN (PANCREATIC INTRAEPITHELIAL NEOPLASIA) AND IPMN (INTRADUCTAL PAPILLARY MUCINOUS NEOPLASM)**

Prof. Kyoichi Takaori  
Kyoto University Hospital

10.45 – 11.00  **COFFEE BREAK & POSTER VIEWING**

11.00 – 13.00  **SESSION IV – VIRAL INFECTIONS WITH MAJOR IMPACT ON PUBLIC HEALTH**  
Chairman: Simona Ruta

**WHAT ARE THE DETERMINANTS OF NEUROCOGNITIVE IMPAIRMENTS IN HIV-INFECTED PATIENTS?**

Simona Ruta1, Aura Temereanca1, Ruxandra Burlacu1, Luminita Ene1, Roxana Radoi1, Adrian Luca1, Anya Umlauf1, Thomas Marcotte1, Cristian Achim1

1 Stefan S Nicolau Institute of Virology,  
2 Carol Davila University of Medicine and Pharmacy,  
3 Victor Babes Hospital For Infectious Diseases, Bucharest, Romania,  
4 UC San Diego, CA, USA
DNA METHYLATION CORRELATES WITH NEUROCOGNITIVE STATUS IN HIV INDIVIDUALS
Adelina Rosca\textsuperscript{1,2}, Gabriela Anton\textsuperscript{1}, Iulia Vilancu\textsuperscript{1}, Anca Botezatu\textsuperscript{1}, Simona Ruta\textsuperscript{1,2}
\textsuperscript{1}Stefan S Nicolau Institute of Virology, Bucharest, Romania
\textsuperscript{2}Carol Davila University of Medicine and Pharmacy, Bucharest, Romania

CARDIOVASCULAR RISK ASSESSMENT IN CHRONIC C HEPATITIS
Eliza Acatrinei\textsuperscript{1}, Petre Calistru\textsuperscript{1,2}
\textsuperscript{1}“Dr. Victor Babes” Center for Diagnosis and Treatment
\textsuperscript{2}Carol Davila University of Medicine and Pharmacy

NONINVASIVE CIRRHOSIS REGRESSION ASSESSMENT IN PATIENTS TREATED WITH DIRECT ACTING ANTIVIRALS FOR CHRONIC C HEPATITIS
George Sebastian Gherlan\textsuperscript{1,2}, Madalina Neata\textsuperscript{1,2}, Petre Iacob Calistru\textsuperscript{1,2}
\textsuperscript{1}Carol Davila University of Medicine and Pharmacy, Bucharest, Romania
\textsuperscript{2}“Dr. Victor Babes” Center for Diagnosis and Treatment, Bucharest, Romania

PHENOTIPICAL AND FUNCTIONAL CHANGES IN BONE MARROW DERIVED DENDRITIC CELLS STIMULATED WITH PATICULATE ADJUVANTS IN COMBINATION WITH TLR LIGANDS
Catalin Tucureanu\textsuperscript{1,2}, Iuliana Caras\textsuperscript{1}, Vlad Tofan\textsuperscript{1}, Sonia Ciulean\textsuperscript{1}, Mihaela-Roxana Ioghen\textsuperscript{1}, Octavian Ioghen\textsuperscript{1}, Crina Stavaru\textsuperscript{1}, Adrian Onu\textsuperscript{1}, Salageanu Aurora\textsuperscript{1}, Simona Ruta\textsuperscript{1,2}
\textsuperscript{1}“Cantacuzino” National Institute for Research, Bucharest, Romania
\textsuperscript{2}Stefan S Nicolau Institute of Virology, Bucharest, Romania

INFLUENZA VIRUSES AND CENTRAL NERVOUS SYSTEM
C. P. Popescu\textsuperscript{1}, E. Ceausu\textsuperscript{1}, S.A. Florescu\textsuperscript{1}, E. Lupulescu\textsuperscript{1}, S. Ruta\textsuperscript{1}
\textsuperscript{1}“Carol Davila” University of Medicine and Pharmacy, Bucharest/RO;
\textsuperscript{2}“Dr. V. Babes” Clinical Hospital of Infectious and Tropical Diseases, Bucharest/RO;
\textsuperscript{3}“Cantacuzino” National Institute for Research, Bucharest/RO.

13.30 – 14.30 LUNCH BREAK

14.30 – 16.30 SESSION V - FROM BASIC SCIENCE TOWARDS PERSONALIZED MEDICINE
Chairman: Carmen C. Diaconu

FIRST GUIDE FOR DIAGNOSING THE GENETIC VULNERABILITY FOR BIPOLAR DISORDER AND SCHIZOPHRENIA IN THE ROMANIAN POPULATION
Maria Grigoroiu-Serbanescu\textsuperscript{1}, Carmen C. Diaconu\textsuperscript{1}, Ana Iulia Neagu\textsuperscript{1}
\textsuperscript{1}Alexandru Obregia Clinical Psychiatric Hospital, Bucharest, Romania
\textsuperscript{2}Stefan S Nicolau Institute of Virology, Bucharest, Romania

MOLECULAR PROFILING OF MYELOPROLIFERATIVE NEOPLASMS AND ACUTE MYELOID LEUKEMIA FOR DESIGNING EARLY DIAGNOSTIC, PROGNOSTIC AND TREATMENT STRATEGIES – initiating the project COP A1.1.4
Stefan N. Constantinescu, Carmen C. Diaconu, Daniel Coriu, Gabriela Anton, Simona Ruta, C. N. Zaharia, Coralia Bleotu, Lorelei Brasoveanu, Cristiana Tanase, Elena Ionel, Felicia Iordache.
Stefan S Nicolau Institute of Virology, Bucharest, Romania
siRNA TARGETING OF KRT17 INDUCES ANTITUMORAL EFFECT ON GASTRIC CANCER CELLS
Denisa L. Dragu, Mihaela Chivu-Economescu, Laura G. Necula, Lilia Matei, Ana Maria Enciu, Coralia Bleotu, Carmen C. Diaconu
1 Cellular and Molecular Pathology Department, Stefan S. Nicolau Institute of Virology, Bucharest, Romania;
2 Nicolae Cajal Institute, Titu Maiorescu University, Bucharest, Romania;
3 Biochemistry-Proteomics Department, Victor Babes National Institute of Pathology, Bucharest, Romania;
4 Cell Biology and Histology Department, Carol Davila University of Medicine and Pharmacy, Bucharest, Romania.

DETECTION OF DRIVER MUTATIONS IN SOLID TUMORS—A PIECE OF THE MOLECULAR MEDICINE PUZZLE
Pompilia Petruta Apostol, Florin Iordache, Aurelia Alexandru, Cristina Ligia Cebotaru, Georgeta Cardos
1 Personal Genetics - Medical Genetics Center, Bucharest, Romania;
2 Institute of Oncology "Prof. Dr. Alexandru Trestioreanu", Bucharest, Romania;
3 Institute of Oncology "Prof. Dr. Ion Chiricuta", Cluj-Napoca, Romania.

SPECTRUM OF BRCA1 AND BRCA2 MUTATIONS INVOLVED IN OVARIAN CANCER PATHOGENESIS IN ROMANIAN POPULATION
Georgeta Cardos, Gabriela Bucur, Ann Curtis, Jane Lisgo, Angela Silmon, Cornelia Nitipir, Daniela Roman, Carmen Floares, Pompilia Petruta Apostol.
1 Personal Genetics, Bucharest, Romania;
2 NewGene Ltd, International Centre for Life, Newcastle upon Tyne, United Kingdom;
3 Elias University Clinical Hospital, Bucharest, Romania;
4 County Clinical Hospital, Tirgu-Mures, Romania;
5 The Oncology Institute "Prof. Dr. Ion Chiricuta", Cluj-Napoca, Romania.

16.30 – 17.00 COFFEE BREAK & POSTER VIEWING
17.00 – 18.30 SESSION VI
Chairman: R. Sandulescu; V. Jinga

BIG THINGS COME IN SMALL PACKAGES!
Crenguta Strimbeanu Dinu, PhD
Product Specialist, Roche Romania SRL, Diagnostics Division

NATURAL AND BIOMIMETIC RECEPTORS FOR BIOSENSOR DESIGN
Robert Sandulescu
Analytical Chemistry Department, "Iuliu Hatieganu" University of Medicine and Pharmacy, Cluj-Napoca, Romania

VIROLOGY OF MALIGNANT BRAIN TUMOURS
Anica Dricu, Stefan Alexandru Artene, Daniela Elise Tache, Oana Stefana Purcaru
University of Medicine and Pharmacy, Craiova, Romania

DIAGNOSIS AND PROGNOSIS IN PROSTATE CANCER BASED ON GENETIC MUTATION ANALYSIS
Ștefan Rașcu, Viorel Jinga
“Carol Davila” University of Medicine and Pharmacy, “Prof. Dr. Th. Burghele” Clinical Hospital – Urology Department, Bucharest, Romania
09.00 – 10.30 **SESSION VII**
Chairman: N. Suciu, D. Cretoiu

**RESPIRATORY VIRAL INFECTIONS AND BRONCHIAL ALLERGIC SENSITIZATION**
Georgeta Siniţchi
Iaşi „Apollonia” University; “Acad. Ioan Haulici” Institute of Research, Allergologic Medical Center “Atopia” Iaşi

**EXTENDED LYMPHOCYTE IMMUNOPHENOTYPING FOR IMMUNODIAGNOSIS OF RECURRENT INFECTIONS IN CHILDREN**
Cornel Ursaciuc, Mihaela Surcel, Radu Huica, Dan Ciotaru, Adriana Munteanu, Ioana Pirvu, Coriolan Ulmeanu
1 Department of Immunology, "Victor Babes" National Institute, Bucharest, Romania;
2 "Grigore Alexandrescu" Children's Hospital, Bucharest, Romania.

**THE CERVIX UTERI INFECTION WITH HPV: POSSIBLE RISK FACTOR FOR PREGANCY PATHOLOGIES**
Oana Toader, Dr. Nicolae Bacalbasa, Ioan Dumitru Suciu, Andrei Voichitoiu, Ioan Dumitru Suciu, Andreea Fetecau, Nicolae Suciu
1 "Carol Davila” University of Medicine and Pharmacy, Obstetrics and Gynecology Department, Bucharest, Romania;
2 INSMC "Alessandrescu - Rusescu" Bucharest, Romania.

**WEST NILE VIRUS IN ROMANIA: TWENTY YEARS AFTER**
Cornelia S Ceianu, Ani Ioana Cotar, Sorin Dinu, Liviu Prioteasa, Elena Falcuta, Gabriela Oprisan, Daniela Badescu
INC Cantacuzino, Bucuresti

10.30 – 11.00 **COFFEE BREAK & POSTER VIEWING**

11.00 – 13.30 **SESSION VIII**
Chairman: C. Ionescu-Tirgoviste, S. Dima

**IS THE SPLEEN A DISPENSABLE ORGAN?**
C. Ionescu-Tirgoviste, Loreta Guja, Anca Munteanu
National Institute of Diabetes, Nutrition and Metabolic Diseases, "N.C.Paulescu", Bucharest Romania
MOLECULAR THERAPY REGULATES DYSLIPIDEMIA IN EXPERIMENTAL ATHEROSCLEROSIS; IN VIVO TARGETING OF MIR-486 AND MIR-92A
Natalia Simionescu, Mihaela G. Carnuta, Elena Fuior, Camelia S. Stancu, Mina Raileanu, Madalina D. Dulceanu, Emanuel Dragan, Anca V. Sima, Loredan S. Niculescu
Institute of Cellular Biology and Pathology "Nicolae Simionescu", Bucharest, Romania

WHAT IS NEW IN SPODYLARTHITIS TREATMENT
Simona Soare
Titu Maiorescu University, Bucharest, Romania

DYSFUNCTIONAL HIGH DENSITY LIPOPROTEINS WITH DIMINISHED ANTI INFLAMMATORY POTENTIAL DISCRIMINATE BETWEEN ACUTE CORONARY SYNDROME AND STABLE CORONARY ARTERY DISEASE PATIENTS
1 Institute of Cellular Biology and Pathology “Nicolae Simionescu” of the Romanian Academy, Bucharest Romania
2 University of Agronomical Sciences and Veterinary Medicine Bucharest, Faculty of Biotechnology, Bucharest, Romania
3 Cardiology Clinic, Elias University Hospital, Bucharest Romania
4 Physiology Department, "Carol Davila" University of Medicine and Pharmacy, Bucharest, Romania

MICROARRAY ANALYSIS OF MICRORNAS EXPRESSION FOR PATIENTS WITH HEPATOCELLULAR CARCINOMA
Liviu Badea, Simona Dima, Andrei Sorop, Raluca Florea, Veronica Ilie, Valeria Tica, Lorand Savu, N. Bacalbasa, Razvan Grigorie, Sorin Alexandrescu, Vlad Herlea, Irinel Popescu
1 Fundeni Clinical Institute, Bucharest, Romania; Fundeni Clinical Institute, Bucharest, Romania
2 University of Bucharest, Faculty of Biology, Splaiul Independentei 91-95, Bucharest, Romania
3 National Institute for Research and Development in Informatics, Bucharest, Romania
4 "Titu Maiorescu" University, Faculty of Medicine, Bucharest, Romania

CLOSING CEREMONY
POSTERS

1. **CHALLENGES IN ELIGIBILITY ASSESSMENT FOR DIRECT ACTING-ANTIVIRAL THERAPY IN PATIENTS WITH CHRONIC HEPATITIS C**
   Andreea Cazan, Cătălin Duței, Ioana Husar-Sburlan, Vasile Balaban, Maria Ispas, Mihaela Barbu
   Oana Balas, Boroka Horeangă, Denisa Oprișănescu, Mircea Diculescu, Mircea Mânuc
   "Carol Davila" University of Medicine and Pharmacy, Bucharest;
   Fundeni Clinical Institute of Gastroenterology and Hepatology, Bucharest

2. **HUMAN PAPILLOMAVIRUS GENOTYPES IN CERVICAL INFECTION AND CERVICAL INTREAPITHELIAL NEOPLASIA - CDT"VICTOR BABES" EXPERIENCE**
   Ştefanescu Claudia, Calistru Petre
   "Dr. Victor Babes" Center for Diagnosis and Treatment, Bucharest, Romania;
   "Carol Davila" University of Medicine and Pharmacy, Bucharest.

3. **COGNITIVE IMPAIRMENT DUE TO HEPATITIS C VIRUS INFECTION**
   Camelia Patrascu Boanca, Petre Iacob Calistru
   "Carol Davila" University of Medicine and Pharmacy, Bucharest.

4. **BONE MARROW-DERIVED MOUSE DENDRITIC CELLS – AN IN VITRO MODEL FOR THE ASSESSMENT OF mRNA LOADED NANOPARTICLES**
   Ana I. Neagu, Denisa Dragu, Coralia Bleotu, Lilia Matei, Carmen C. Diaconu, Simona Ruta
   Stefan S Nicolau Institute of Virology, Bucharest, Romania

5. **COMPARATIVE STUDY ON CYTOMEGALOVIRUS SEROPREVALENCE IN POSITIVE HIV ADULT POPULATION VS NEGATIVE HIV ADULT POPULATION IN ROMANIA**
   Carmen Cristescu, Camelia Grancea, Adrian Rosca, Lumița Ene, Simona Ruta
   "Carol Davila" University of Medicine and Pharmacy, Bucharest, Romania;
   Stefan S. Nicolau Institute of Virology, Bucharest, Romania;
   Victor Babes Hospital for Infectious Diseases, Bucharest, Romania.

6. **LIVER FIBROSIS ASSESSMENT USING APRI AND FIB-4 BIOMARKERS IN HIV/HCV COINFECTED PATIENTS - A PRELIMINARY STUDY**
   Diana Gabriela Iacob, Victoria Arama, Simona Iacob, Cristina Popescu, Mihaela Raus, Loredana Benea, Anca Leustean, Laurentiu Stratani, Simona Ruta
   "Prof. dr. Matei Bals" National Institute of Infectious Diseases, Bucharest, Romania;
   Stefan S. Nicolau Institute of Virology, Bucharest, Romania.

7. **LACTOFERRIN-DERIVED PEPTIDES WITH ANTI-HEPATITIS B VIRUS PROPERTIES**
   Paula E. Florian, Catalin Lazar, Robert W. Evans, Simona Ruta, Adina L. Mihal, Norica Nichita, Anca Roseanu
   Institute of Biochemistry of the Romanian Academy, Ligand-Receptor Interactions Dept., Bucharest, Romania;
   Institute of Biochemistry of the Romanian Academy, Viral Glycoproteins Dept., Bucharest, Romania;
   Brunel University, Metalloprotein Research Group, Division of Biosciences, Uxbridge, UK;
   Stefan S. Nicolau Institute of Virology, Emergent Viral Diseases Department, Bucharest, Romania;
   Institute of Biochemistry of the Romanian Academy, Bioinformatics and Structural Biochemistry Dept., Bucharest, Romania.

8. **PROTEOMICS AND GENOMICS IN FOLLICULAR-MEDULLARY THYROID CARCINOMAS**
   Aschie Mariana, Cozaru Georgeta Camelia, Mitroi Anca Florentina, Chisoi Anca, Baltatescu Gabriela Izabela, Enciu Manuela, Cojocaru Oana, Nicolau Antonela Anca, Poinareanu Ionut
   "Ovidius" University, Constanta, Romania
   "Sf. Apostol Andrei" Clinical Hospital, Constanta, Romania
9. RESEARCH AND DEVELOPMENT CENTER FOR GENETIC AND MORPHOLOGICAL STUDY IN MALIGNANT PATHOLOGY
Aschie Mariana, Poinareanu Ionut, Cozaru Georgeta Camelia, Mitroi Anca Florentina, Baltatescu Gabriela Izabela, Enciu Manuela, Chisoi Anca, Nicolau Antonela Anca, Cojocaru Oana
“Ovidius” University, Constanta, Romania
“Sf. Apostol Andrei“ Clinical Hospital, Constanta, Romania

10. ATYPICAL LOCALIZATION IN MALIGNANT MELANOMA – MORPHOLOGICAL AND IMMUNOHISTOCHEMICAL FEATURES
Baltatescu Izabela Gabriela, Aschie Mariana, Poinareanu Ionut, Nicolau Antonela Anca, Enciu Manuela, Cojocaru Oana, Chisoi Anca, Mitroi Anca Florentina, Cozaru Georgeta Camelia
“Ovidius” University, Constanta, Romania
“Sf. Apostol Andrei“ Clinical Hospital, Constanta, Romania

11. HISTOPATHOLOGY AND PROTEOMICS – INCIDENTAL FINDING OF A NEUROENDOCRINE TUMOR. CASE REPORT
Cojocaru Oana, Aschie Mariana, Baltatescu Gabriela Izabela, Enciu Manuela, Nicolau Antonela Anca, Poinareanu Ionut, Mitroi Anca Florentina, Chisoi Anca, Cozaru Georgeta Camelia
“Ovidius” University, Constanta, Romania
“Sf. Apostol Andrei“ Clinical Hospital, Constanta, Romania

12. THE GENETICS OF SPINAL MUSCULAR ATROPHY
Cozaru Georgeta Camelia, Aschie Mariana, Mitroi Anca Florentina, Chisoi Anca, Baltătescu Gabriela, Enciu Manuela, Cojocaru Oana, Nicolau Antonela Anca, Ionuț Poinăreanu
“Ovidius” University, Constanta, Romania
“Sf. Apostol Andrei“ Clinical Hospital, Constanta, Romania

13. IMMUNOHISTOCHEMICAL FEATURES OF RENAL CELL CARCINOMA WITH PAPILLARY PATTERN
Enciu Manuela, Chisoi Anca, Baltatescu Gabriela Izabela, Aschie Mariana, Cojocaru Oana, Mitroi Anca Florentina, Cozaru Georgeta Camelia, Poinareanu Ionut
“Ovidius” University, Constanta, Romania
“Sf. Apostol Andrei“ Clinical Hospital, Constanta, Romania

14. CHARACTERIZATION OF BETA THALASSEMA MUTATIONS IN PATIENTS FROM DOBROGEA
Mitroi Anca Florentina1,2, Cozaru Georgeta Camelia1,2, Aschie Mariana1,2, Brinzan Costel1, Poinareanu Ionut1, Chisoi Anca1,2, Baltatescu Gabriela Izabela1,2, Enciu Manuela1,2, Cojocaru Oana1,2, Nicolau Antonela Anca1,2, Apostol Adriana1
1Spitalul Clinic Judetean de Urgenta “Sf. Apostol Andrei“ Constanța
2Universitatea „Ovidius“ Constanța

15. TERATOGENIC EFFECTS OF THE ZIKA VIRUS
Andreea Onofrei, Gabriel Stancu
University of Medicine and Pharmacy „Carol Davila“ Bucharest

16. EVALUATION OF SILVER NANOPARTICLES EMBEDDED IN ORGANIC MATRIX WITH ENHANCED BIOCOMPATIBILITY AND ANTIBACTERIAL ACTIVITY FOR PERIODONTAL DISEASE TREATMENT
Ana-Maria Seciu1,2, Oana Craciunescu2, Alexandra Gaspar-Pintiliescu2, Mihaela Trif2, Magdalena Moisei1, Alina Ioana Nicu1, Otilia Zarnescu2
1Department of Cellular and Molecular Biology, National Institute of R&D for Biological Sciences, Bucharest, Romania
2Faculty of Biology, University of Bucharest, Romania
3Institute of Biochemistry of the Romanian Academy, Bucharest, Romania
4National Institute for Chemical-Pharmaceutical R&D - ICCF, Bucharest, Romania
17. EVALUATION OF THE ANTI-BIOFILM ACTIVITY OF NOVEL BIOACTIVE, POLYMERIC MATERIALS INTENDED FOR THE FABRICATION OF TUBULAR PROSTHETIC DEVICES
Paulina Podgoreanu1, Ionela Alexandru1, Mariana Carmen Chifiriuc2, Veronica Lazar1, Gluck Marinela1, Coralia Bleotu1, Elena Grosu1, Lia-Mara Ditu1, Cristina Delcaru1
1Iancului Private Laboratory, Bucharest, Romania; 2Department of Microbiology & Immunology, Faculty of Biology, University of Bucharest, Bucharest, Romania; 3Gluck Med, Bucharest, Romania; 4Stefan S. Nicolau Institute of Virology, Bucharest, Romania; 5Earth, Environmental and Life Sciences Section-ICUB, Research Institute of the University of Bucharest, Bucharest, Bucharest, Romania; 6Bistrița CPE Institute, Bistrița-Nasaud, Romania.

18. IMMUNOHISTOCHEMISTRY UTILITY IN DIGESTIVE LYMPHOMAS
Poinareanu Ionut, Aschie Mariana, Baltatescu Gabriela Izabela, Enciu Manuela, Nicolau Antonela Anca, Cojocaru Oana, Mitroi Anca Florentina, Chisoia Anca Cozaru Georgeta Camelia
“Ovidius” University, Constanta, Romania
“Sf. Apostol Andrei” Clinical Hospital, Constanta, Romania

19. HEPATOCELLULAR CARCINOMA- MORPHOLOGICAL DIAGNOSIS AND PROGNOSIS
V. Herlea1, C. Pechianu2, Elena Stoica-Mustafa1, Andreea Cristina Iorgescu1, R. Iacob1, Anca Nastase3, Simona Olimpia Dima4, I. Popescu5
1Titu Maiorescu University, Faculty of Medicine and Pharmacy, Bucharest, Romania 2Pathology Department, Fundeni Clinical Institute, Bucharest, Romania 3Gastroenterology and Hepatology Center, Fundeni Clinical Institute, Bucharest, Romania 4General Surgery and Liver Transplant Center, Fundeni Clinical Institute, Bucharest, Romania 5Center of Excellence in Translational Medicine, Fundeni, Bucharest, Romania

20. LUNG ULTRASOUND IN CF CHILDREN’S EXACERBATION - ONE CENTER EXPERIENCE
Ioana M. Ciucă1, L.L. Pop1
1Pediatric Department, University of Medicine and Pharmacy “Victor Babes” Timisoara 2National Cystic Fibrosis Centre

21. QUALITY OF LIFE AFTER LIVER TRANSPLANTATION
Anghel Suzana, Tanase Cristina
Fundeni Clinical Institute, Bucharest, Romania

22. HYDATID LIVER CYST IN ADULT
Liliana Tincă
Fundeni Clinical Institute, Bucharest, Romania

23. ENDOSCOPIC RETROGRADE CHOLANGIOPANCREATOGRAPHY FOR BILIARY STENOSIS AFTER LIVER TRANSPLANTATION
Gheorghe Cristian, Pasarin Georgeta
Fundeni Clinical Institute, Bucharest, Romania

24. ENDOMETRIOSIS – INDICATION FOR SURGERY
Ganciu Cosmina, Ionescu Neli, Arina Alloub
Fundeni Clinical Institute, Bucharest, Romania

25. MINIMALLY INVASIVE ROBOTIC - ASSISTED IN PANCREATIC DISEASES
Alloub Arina, Alina Rotunjanu, Mihaela Coman, Mariana Soare, Vasilica Iancu, Camelia Dumitru, Alina Panait, Florentina Fotescu
Fundeni Clinical Institute, Bucharest, Romania
26. **LIVER TRANSPLANT WITH PARTIAL GRAFT IN ADULT**
   Arina Alloub, Ecaterina Gheorghe, Carmen Constantinescu, Elena Constantin, Sabina Generalu, Corina Chiriac, Ligia Dinca, Cristina Toma, Georgiana Velicescu.
   Fundeni Clinical Institute, Bucharest, Romania

27. **GENE EXPRESSION PROFILING IN TUMORAL AND NON-TUMORAL LIVER TISSUES**
   Andrei Sorop, Simona Dima, Raluca Florea, Veronica Ilie, Valeria Tica, Liviu Badea, Lorand Savu, Irinel Popescu.
   1Fundeni Clinical Institute, Bucharest, Romania
   2University of Bucharest, Faculty of Biology, Splaiul Independentei 91-95, Bucharest, R-050095, Romania
   3National Institute for Research and Development in Informatics, Bucharest, Romania
   4"Titu Maiorescu" University, Faculty of Medicine, Bucharest, Romania

28. **PROFILING OF A METASTASIS-SPECIFIC MICRORNA SIGNATURE IN FFPE LIVER TISSUES.**
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