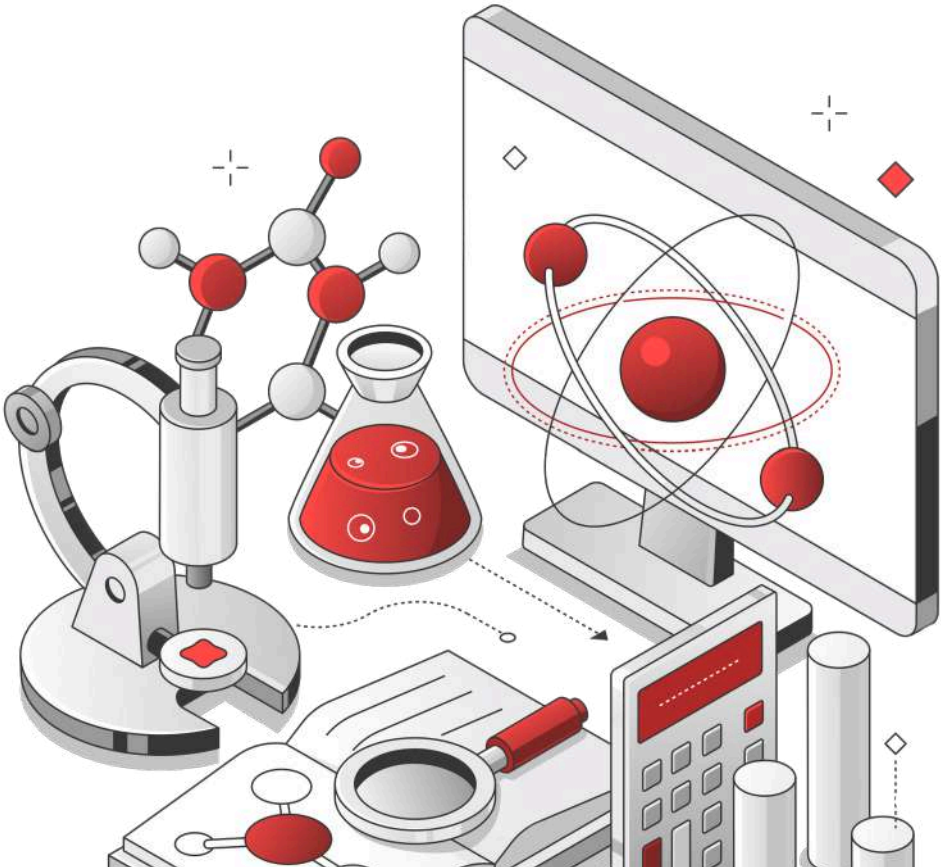
DAY 1

Wednesday, 27 May 2026



WEDNESDAY – MAY 27TH

12.00 - 13.00 OPENING CEREMONY / PRESS CONFERENCE

13.00 - 14.40 SESSION 1 | QUALITY CONTROL IN LABORATORY MEDICINE

Chairs: Assoc. Prof. Oana Roxana Oprea, Assist. Prof. Radu Ilinca

C1. REGULATING QUALITY FROM WITHIN: ADMINISTRATIVE REQUIREMENTS AND STANDARDS FOR LABORATORY IQC

Radu Ilinca[1], Ionuț Adrian Chiriac[1]
[1]*Carol Davila University of Medicine and Pharmacy, Bucharest, Romania*

R2. NOVEL STATISTICAL METHODOLOGIES, WITH PARTICULAR EMPHASIS ON BAYESIAN APPROACHES TO QUALITY CONTROL AND THEIR APPLICATION IN ENHANCING EFFICIENCY WITHIN MEDICAL LABORATORIES

Panagiotis Tsiamyrtzis
Dept. of Mechanical Engineering, Politecnico di Milano & Dept. of Statistics, Athens University of Economics and Business

R3. A METROLOGICAL REASSESSMENT OF SYSTEMATIC ERROR COMPONENTS IN CLINICAL LABORATORY QUALITY CONTROL

Ágota Drégelyi-Kiss[1], Atilla Barna Vandra[2]
[1]*Óbuda University, Budapest, Hungary*
[2]*Brașov County Emergency Clinical Hospital, Brașov, Romania*

C4. SIGNIFICANT BUT NEGLECTED ERROR SOURCES IN THE CLINICAL LABORATORY

Atilla Barna Vandra
SCJUBv - Brașov, Romania

C5. THE DEFICIENCIES OF THE WESTGARD RULES-BASED QC SYSTEM

Atilla Barna Vandra[1], Ágota Drégelyi-Kiss[2]
[1]*SCJUBv - Brașov, Romania,*
[2]*Óbuda University, Budapest, Hungary*

C6. AN ALTERNATIVE, COMPUTER-ASSISTED, AND PREVENTIVE QC SYSTEM

Atilla Barna Vandra
SCJUBv- Brașov, Romania

WEDNESDAY – MAY 27TH

C7. INTERSECTION OF GENERAL PURPOSE ARTIFICIAL INTELLIGENCE AND LABORATORY MEDICINE

Andrei Damian[1,2]
[1]*National University of Science and Technology, Bucharest, Romania*
[2]*Ratio1.ai*

C8. HARMONIZATION OF REFERENCE INTERVALS FOR LEUKOCYTES

Oana Roxana Oprea, Elena Cristina Preda, Raluca Dragomir, Lucian Dohotar, Minodora Dobreanu
G.E.Palade UMPHST of Târgu Mureș, Târgu Mureș, Romania

C9. ONE HEALTH – ONE QUALITY. THE LABORATORY PERSPECTIVE

Gabriel Ionescu
[1]*I.N.C.D.M.M. „Cantacuzino", Bucharest,*
[2]*U.M.F. „CAROL DAVILA", Bucharest, Romania*

14.40 - 15.00 CliniLab Symposium
MAS - QUALITY CONTROLS OF THIRD-PARTY
Peter Mori
MSc, Product Specialist Clinical Diagnostics

15.00 - 15.20 Medist Symposium
MEMED BV® ASSAY – INNOVATIVE DIFFERENTIATION BETWEEN BACTERIAL AND VIRAL INFECTIONS
Carla Escudero Martín
Senior Business Development Manager, Beckman Coulter Diagnostics

15.20 - 15.30 Coffee break

15.30 - 17.10 SESSION 2 | CLINICAL BIOCHEMISTRY – IMMUNOLOGY
Chairs: Prof. Minodora Dobreanu, Assoc. Prof. Ioana Brudașcă

R10. LABORATORY-CLINICIAN COMMUNICATION: CHALLENGES AND STRATEGIES FOR IMPROVEMENT

Ioana Brudașcă
University of Medicine and Pharmacy "Iuliu Hațieganu" Cluj-Napoca

C11. RECENT ADVANCES IN CEREBROSPINAL FLUID ANALYSIS USED IN THE DIAGNOSIS AND PROGNOSIS OF MULTIPLE SCLEROSIS PATIENTS

Rodica Balașa
[1]*G.E.Palade UMPHST of Târgu Mureș, Târgu Mureș, Romania*

C12. PRECISION MEDICINE IN ALLERGOLOGY: THE ROLE OF CRD IN ALLERGY DIAGNOSIS

Corina Ureche, Adina Huțanu, Teodora Nicola-Varo
[1]*G.E.Palade UMPHST of Târgu Mureș, Târgu Mureș, Romania*

R13. CLINICAL RELEVANCE OF PIVKA-II IN LIVER PATHOLOGY: COMPARATIVE INSIGHTS WITH AFP AND LABORATORY MARKERS

Ileana Grigore[1], Ecaterina Anisie[2], Emanuela Gherasim[2], Mariana Boitan[2], Anca Cristina Cecati[2], Luminița Apostu[2], Daniela Constantinescu[1,2], Mariana Pavel-Tanasă[1,2]
[1]Grigore T. Popa University of Medicine and Pharmacy Iași, Iași, Romania,
[2]Laboratory of Immunology, Sf. Spiridon County Clinical Emergency Hospital, Iași, Romania

C14. BIOMARKER PROFILES IN CARDIAC RESYNCHRONIZATION THERAPY: TRANSCARDIAC GRADIENTS AND LONGITUDINAL CHANGES

Krisztina Pal[1,2,3], Silvia Lupu[1,4], Adina Huțanu[1,2,3], Ioana Sus[4], Diana Opriș[1,4], Dan Dobreanu[1,4]
[1]George Emil Palade University of Medicine, Pharmacy, Science, and Technology of Târgu Mureș, Târgu Mureș, Romania
[2]Emergency Clinical County Hospital, Târgu Mureș, Romania
[3]Advanced Medical-Pharmaceutical Research Center, Târgu Mureș, Romania
[4] Institute for Cardiovascular Disease and Heart Transplant Târgu Mureș

R15. ASSESSMENT OF 25 (OH) VITAMIN D STATUS - COMPARABILITY BETWEEN METHODS AND CLINICAL IMPLICATION

Adina Huțanu[1,2], Oana Roxana Oprea[1,2], Andreea Truța[2], Minodora Dobreanu[1,2]
[1] "George Emil Palade" University of Medicine, Pharmacy, Science, and Technology of Târgu Mureș, Târgu Mureș, Romania,
[2]Emergency Clinical County Hospital, Central laboratory, Târgu Mureș, Romania

C16. Influence of VDR, CYP2R1 and GC Polymorphisms on Seasonal 25(OH)D Variation

Carmina Mariana Stroia[1]
[1]CSBNDIET Precision Nutrition SRL, Târnăveni, Romania,
[2]Dr. Ghe Marinescu Municipal Hospital, Târnăveni, Târnăveni, Romania

17.10 - 17.30 Diamedix Symposium
Liquid-based cytology – An exhaustive exploration of non-gynecological samples
Tomina Purcaru, PhD

17.30 - 17.45 Roche Symposium
THE UTILITY OF THE PROC3 BIOMARKER AS A PART OF THE ADAPT ALGORITHM FOR EARLY DIAGNOSIS OF FIBROSIS
Alina Duțu
Regional Institute of Gastroenterology and Hepatology "Prof. Dr. Octavian Fodor"

17.45 - 18.00 Break

18.00 - 19.30 SESSION 3 | IMMUNOLOGY – POSTERS

Chairs: Assoc. Prof. Adina Huțanu, Assoc. Prof. Mariana Pavel-Tanasă

P1. LIQUID BIOPSY IN CANCER

Ana Veselovskaia[1], Anatolie Visnevschi[1], Marina Reabîșeva[1]

[1]"Nicolae Testemițanu" State University of Medicine and Pharmacy, Chișinău, Moldova (the Republic of)

P2. CHARACTERIZATION OF TUMOR-INFILTRATING LYMPHOCYTES AND THE CD4/CD8 RATIO IN COLORECTAL CANCER BY FLOW CYTOMETRY

Diana Andrușca[1], Valentina Stratan[1], Galina Coltuclu[1], Valeri Țuțuianu[1], Veronica Balan[1]

[1]Laboratory of Immunology and Molecular Genetics, PMSI Oncology Institute, Chișinău, Moldova (the Republic of)

P3. MULTIDISCIPLINARY MANAGEMENT AND THE ROLE OF TUMOR MARKERS IN TESTICULAR EMBRYONAL CARCINOMA FOR AN ADOLESCENT

Anda Florentina Samsudean[1], Crina Cristescu[1], Bianca Elena Socalici[1], Marina Vișănescu[2], Mihai Pîrvan[1], Elena Văduva[1], Lorena Ivona Ștefan[1]

[1]Craiova Emergency County Clinical Hospital, Medical Analysis Laboratory Department, Craiova, Romania,

[2]Craiova Filantropia Clinical Hospital , Medical Analysis Laboratory Department, Craiova, Romania

P4. CRITICAL FACTORS IMPACTING ON THE SENSITIVITY OF DETECTION OF RARE CELLULAR SUBSETS IN POST-THERAPEUTIC MONITORING OF MULTIPLE MYELOMA PATIENTS

Bianca Filip[1], Diana-Andreea Munteanu[2], Mihaela Mentel[3], Elena Claudia Grigoraș[1], Mihaela Zlei[1]

[1]Regional Institute of Oncology, Iași, Medical Analysis Laboratory

[2]Regional Institute of Oncology, Iași, Hematology Clinic

[3]Center for Fundamental Research and Experimental Development in Translation Medicine—TRANSCEND, Regional Institute of Oncology, Iași, Romania

P5. MARKED LEUKOERYTHROBLASTIC REACTION DURING RETICULOCYTE CRISIS: DIAGNOSTIC CHALLENGES IN PERNICIOUS ANEMIA

Luminița Matroș[1], Mădălina Adriana Bordea[1], Lia Sorina Pepelea[1]

[1]"Iuliu Haţieganu" University of Medicine and Pharmacy, Cluj-Napoca, Romania

P6. microRNA EXPRESSION IN POLYCYTHEMIA VERA, ESSENTIAL THROMBOCYTHEMIA AND PRIMARY MYELOFIBROSIS

Adriana-Stela Crișan[1,2,4], *Erzsébet Lázár[3,4], Marcela Cândea[3,4], Claudia Cârstea[2], Claudia Bănescu[1,2,4]*

[1]Genetics Department, 'George Emil Palade' University of Medicine, Pharmacy, Science, and Technology , Târgu Mureș, Romania,

[2] Genetics Laboratory, Center for Advanced Medical and Pharmaceutical Research, 'George Emil Palade' University of Medicine, Pharmacy, Science, and Technology , Târgu Mureș, Romania,

[3] Department of Internal Medicine, 'George Emil Palade' University of Medicine, Pharmacy, Science, and Technology, Târgu Mureș, Romania,

[4]Târgu Mureș Emergency Clinical County Hospital, Târgu Mureș, Romania

P7. SOLUBLE 4-1BB AND PD-L1 AS NON-INVASIVE INDICATORS OF FIBROSIS SEVERITY IN CHRONIC HEPATITIS C

Mariana Pavel-Tanasă[1,2] ,Elena Iftimi[1], Emanuela Nechifor[1], Daniela Constantinescu[1,2], Corina-Maria Cianga[1,2],

[1]Grigore T. Popa University of Medicine and Pharmacy Iași, Iași, Romania,

[2]Laboratory of Immunology, "St. Spiridon" Clinical County Emergency Hospital, Iași, Romania

P8. DIAGNOSTIC PERFORMANCE OF THE GAAD SCORE IN HEPATOCELLULAR CARCINOMA

Alina-Gabriela Duțu[1], Cristina Drugan[2], Tudor Drugan[2], Zeno Spârchez[1,2], Stanca -Lucia Pandrea[1,2]

[1]Regional Institute of Gastroenterology and Hepatology, Cluj-Napoca

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

P9. RELATIONSHIP BETWEEN CALLY, HALP AND FIB-4 INDICES IN PATIENTS WITH VIRAL HEPATITIS B

Maria Alina Gălățan[1], Adina Huțanu[2]

[1]"George Emil Palade" University of Medicine, Pharmacy, Sciences and Technology Târgu Mureș, Advanced Medical and Pharmaceutical Scientific Research Maste, Târgu Mureș, Romania,

[2]"George Emil Palade" University of Medicine, Pharmacy, Sciences and Technology Târgu Mureș , Department of Laboratory Medicine, Târgu Mureș, Romania

P10. BIOLOGICAL PROFILE AND PRECANCEROUS LESION PROGRESSION IN ATROPHIC GASTRITIS: COMPARISON BETWEEN HELICOBACTER PYLORI AND AUTOIMMUNE ETIOLOGY

Ana-Maria Filip[1,2], Sabrina Nicoleta Munteanu[1,2], Anca Negovan[1,2]

[1]"G.E. Palade" University of Medicine, Pharmacy, Science, and Technology, Târgu Mureș, Romania,

[2]County Emergency Clinical Hospital, Târgu Mureș, Romania

P11. CORRELATION BETWEEN TREC/KREC QUANTIFICATION AND IMMUNOPHENOTYPING IN PRIMARY IMMUNODEFICIENCY

Ecaterina Plîngau[1,2], Victoria Sacară[1]
[1]Human Molecular Genetics Laboratory, Mother and Child Institute, Chișinău, Republic of Moldova,
[2]Moldova State University, Chișinău, Republic of Moldova

P12. BIOMARKERS FOR EARLY DETECTION OF INTRAUTERINE GROWTH RESTRICTION

Andreea Bianca Soceanu[1,2], Corina Paraschiva Ciobanu[1], Raluca Stefania Stanescu[1,2], Daniela Cristina Dimitriu[1]
[1]"Grigore T. Popa" University of Medicine and Pharmacy, Iași, Romania,
[2]"Sf. Spiridon" County Emergency Clinical Hospital, Iași, Romania

P13. KEY GENES ASSOCIATED TO PATHOGENESIS OF INTRAUTERINE FETAL GROWTH RESTRICTION

Marta-Denisa Grab[1], Ivona Mitu[1], Daniela-Cristina Dimitriu[1]
[1]Department of Morpho-Functional Sciences II, University of Medicine and Pharmacy "Grigore T. Popa",Iași, Romania

P14. METHYLXANTHINES. THE CLINICAL-BIOLOGICAL IMPACT OF CAFFEINE IN MEDICAL PRACTICE IN A GROUP OF PREMATURE PATIENTS

Simona-Daniela Neamțu[1], Denisa Monica Elena Popescu[1], Costel-Valentin Manda[1], Octavian Croitoru[1], Daniela Calucică[1], Ana-Maria Pătrașcu[1], Liliana Stanca[1], Olivia Garofița Mateescu[1], Adela-Valeria Neamțu[1]
[1]Craiova University of Medicine and Pharmacy, Craiova, Romania

P15. OXIDATIVE STRESS AND ANGIOGENIC BIOMARKERS IN PREECLAMPSIA: A COMPARATIVE ANALYSIS OF GPX1, SOD1, VEGF-A, SFLT-1 AND PLGF

Mohamed-Zakaria Assani[1,2], Alexandru-Dan Assani[1], Mihail Virgil Boldeanu[2], Isabela Siloși[2], Anda Lorena Dijmărescu[3], Maria-Magdalena Manolea[3], Constantin-Cristian Văduva[3], Lidia Boldeanu[4]
[1]Doctoral School, University of Medicine and Pharmacy of Craiova, Craiova, Romania,
[2]Department of Immunology, Faculty of Medicine, University of Medicine and Pharmacy of Craiova, Craiova, Romania,
[3]Department of Obstetrics and Gynecology, Faculty of Medicine, Craiova, Romania,
[4]Department of Microbiology, Faculty of Medicine, Craiova, Romania

P16. PROTEIN BINDING TO POROUS SILICA NANOPARTICLES FOR LABELLING IN LATERAL FLOW IMMUNOASSAY

Sorin Mocanu[1], Dana Stan[1], Andreea Mirica[1], Elena Mocanu[1], Mădălina Axinie[1]
[1]DDS Diagnostic SRL, Bucharest, Romania

P17. ANALYTICAL PERFORMANCE COMPARISON OF TWO IMMUNOASSAY PLATFORMS FOR TSH AND TACROLIMUS DETERMINATION

Mariana Pavel-Tanasă[1,2] Emanuela Gherasim[2], Ecaterina Anisie[2], Mariana Boitan[2], Anca Cristina Cecati[2], Luminita Apostu[2],
[1]Grigore T. Popa University of Medicine and Pharmacy Iași, Iași, Romania,
[2]Sf. Spiridon County Clinical Emergency Hospital, Iași, Romania

P18. PREVALENCE OF ANTI-THYROGLOBULIN ANTIBODIES IN PATIENTS WITH SYSTEMIC AUTOIMMUNE DISEASES COMPARED WITH CONTROLS

Ana-Maria Țurcan (Fotache)[1,2,3], Lucian Dohotar[2], Oana Roxana Oprea[1,2], Andreea Truța[2], Minodora Dobreanu[1,2]
[1]George Emil Palade University of Medicine, Pharmacy, Science, and Technology of Târgu Mureș, Târgu Mureș, Romania,
[2]Clinical Laboratory, Emergency County Clinical Hospital of Târgu Mureș, Târgu Mureș, Romania,
[3]Doctoral School, George Emil Palade University of Medicine, Pharmacy, Science, and Technology of Târgu Mureș, Târgu Mureș, Romania

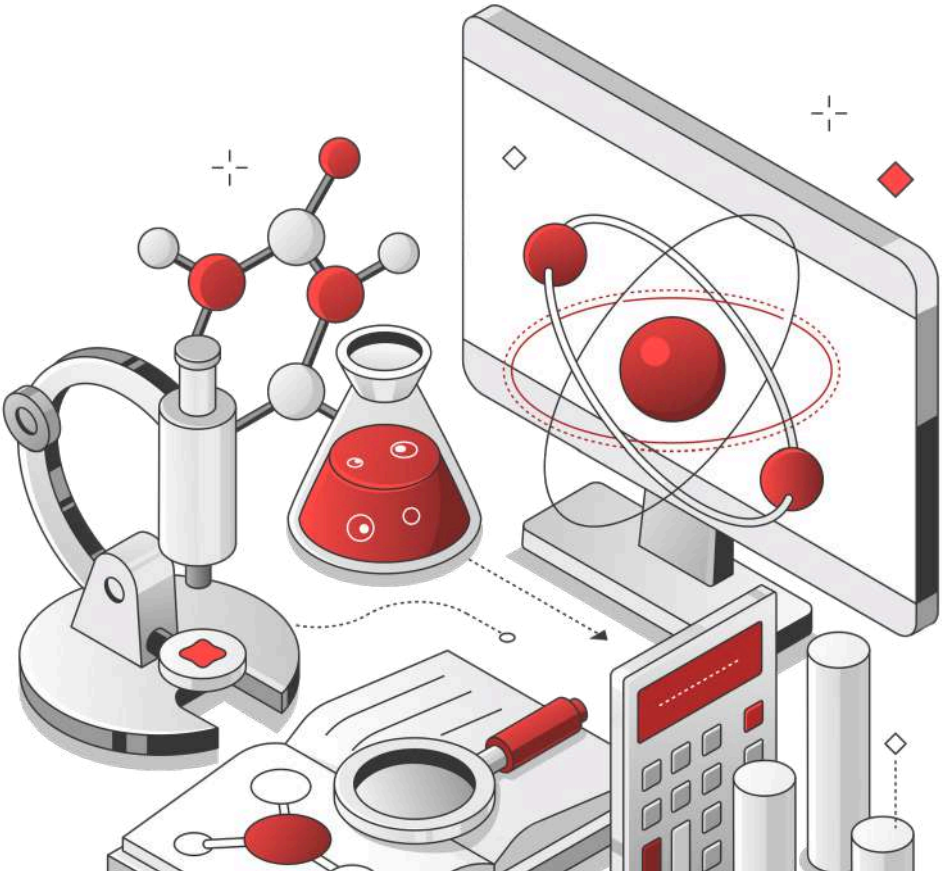
P19. ADAPTING THE MOLECULAR BIOLOGY DEPARTMENT WITHIN THE CLINICAL LABORATORY FOR SPINAL MUSCULAR ATROPHY SCREENING

Ștefan Vasile Cristea[1], Laura Gubernat[1], Camelia Grigore[1], Andreea Barbu[1,2]
[1]Sibiu Clinical Pediatric Hospital, Sibiu, Romania,
[2]University of Agricultural Sciences and Veterinary Medicine, Cluj-Napoca, Romania

19.30 Welcome cocktail | Business Hotel

DAY 2

Thursday, 28 May 2026



08.30 - 09.35 SESSION 4 | MICROBIOLOGY - POSTERS

Chairs: Prof. Roxana Filip, Assoc. Prof. Dragoș Florea

P20. HOW FAST IS POSITIVE? TIME-TO-POSITIVITY AS A MARKER OF PATHOGEN TYPE IN BLOOD CULTURES

Stanca-Lucia Pandrea[1,2], Stanca-Maria Pandrea[3], Andrei Călin Moise[4], Alina Gabriela Duțu[1,2]
[1]"Iuliu Hațieganu" University of Medicine and Pharmacy, Cluj-Napoca, Romania,
[2]Regional Institute of Gastroenterology and Hepatology "Prof. Dr. O. Fodor" , Cluj-Napoca, Romania,
[3]Clinical Reabilitation Hospital, Cluj-Napoca, Romania,
[4]Clinical Institute of Urology and Renal Transplantation, Cluj-Napoca, Romania

P21. From Fundamental Research to Clinical Practice: A Critical Appraisal of the Limitations of In Vitro Experimental Models for Assessing the Antibiofilm Efficacy of Functionalized Medical Devices

Andreea-Iulia Pricopie, Nagy Előd-Ernő
Department F1, Biochemistry and Environmental Chemistry, "George Emil Palade" University of Medicine, Pharmacy, Science, and Technology in Târgu Mureș

P22. ANTIMICROBIAL RESISTANCE TRENDS IN ENTEROCOCCUS SPECIES: A CLINICAL ISOLATE STUDY

Stanca-Lucia Pandrea[1,2], Stanca-Maria Pandrea[3], Andrei Călin Moise[4], Alina Gabriela Duțu[1,2]
[1]"Iuliu Hațieganu" University of Medicine and Pharmacy, Cluj-Napoca, Romania,
[2]Regional Institute of Gastroenterology and Hepatology "Prof. Dr. O. Fodor" , Cluj-Napoca,
[3]Clinical Reabilitation Hospital, Cluj-Napoca, Romania,
[4]Clinical Institute of Urology and Renal Transplantation, Cluj-Napoca, Romania

P23. MOLECULAR INVESTIGATIONS AND ANTIBIOGRAM RESULTS IN SYSTEMIC INFECTIONS: PRELIMINARY RESULTS

Andreia Domnica Tătar[1,2], Monica Dugăeșescu[1,2], Valentina-Daniela Sisu[1,2], Anda Baicus[1,2]
[1]Bucharest University Emergency Hospital, Bucharest, Romania,
[2]Carol Davila University of Medicine and Pharmacy, Bucharest, Romania

P24. VARIATION IN THE ANTIBIOTIC RESISTANCE PROFILE OF KLEBSIELLA PNEUMONIAE STRAINS ISOLATED FROM URINE CULTURES, IN ADULT PATIENTS, BETWEEN 2019 AND 2023, IN A HOSPITAL UNIT

Claudia Daniela Goleanu[1,2], Daria Adelina Goleanu[3], Ortansa Csutak[2], Carmen Chifiriuc[2,4]
[1]Prof. Dr. Const. Angelescu Hospital, Bucharest, Romania,
[2]University of Bucharest, Faculty of Biology, Bucharest, Romania,
[3]Carol Davila University of Medicine and Pharmacy, Bucharest, Romania,
[4]University of Bucharest, Bucharest, Romania

P25. EVOLUTION OF KLEBSIELLA PNEUMONIAE STRAINS PRODUCING CARBAPENEMASES FROM INVASIVE INFECTIONS BETWEEN 2021-2025 IN ELIAS UNIVERSITY HOSPITAL

Cosmin Ionuț Badea[1], Cristiana Casota[1], Marilena Filipov[1], Lavinia Radu[1], Flavius Anghel[1], Mariana Buzea[1]
[1]Elias University Emergency Hospital, Bucharest, Romania

P26. ENTEROBACTERALES RESISTANCE AGAINST β-LACTAM ANTIBIOTICS IN THE INTENSIVE CARE UNIT (ICU) OF THE SUCEAVA CLINICAL EMERGENCY COUNTY HOSPITAL DURING 2023-2025 PERIOD

Dănuț Bărbunc[1,2], Christina Nicolae[2], Ramona Avrămia[1,2], Ancuța Pascariu[1,2], Roxana Filip[1,2,3]
[1]Ovidius University of Constanța,
[2]Suceava Clinical Emergency County Hospital
[3]Faculty of Medicine and Biological Sciences, Ștefan cel Mare Suceava University

P27. LABORATORY DIAGNOSIS OF NON TUBERCULOUS MYCOBACTERIA: SEARCH AND YOU WILL FIND

Roxana Filip[1,2,3], Ruxandra Filip[4,5]
[1]Ovidius University, Constanța, Romania,
[2]Sf. Ioan Cel Nou County Emergency Clinical Hospital, Suceava, Romania,
[3]Ștefan cel Mare University, Suceava, Romania,
[4]UMFST, Târgu Mureș, Romania,
[5]Saint Andrew the Apostle County Emergency Clinical Hospital, Suceava, Romania

P28. CASE REPORT – COMPLICATIONS OF CMV INFECTION REACTIVATION IN PATIENTS WITH NON-HODGKIN LYMPHOMA

Constantin Cătălin Matei[1], Andreea-Cezara Vasiliu[1], Raluca Papagheorghe[1], Cristian Tudor Barta[1], Andra Raluca Rusea-Houghton[1]
[1]Colțea Clinical Hospital, Bucharest, Romania

09.35 - 09.50 AMS 2000 Symposium
THE AEROSPRAY® MICROBIOLOGY STAINERS: SAVE TIME. ACHIEVE PERFECTION
Sarah Fiers
Specialist diagnostic staining solutions ELITech Biomedical Systems (Bruker)

09.50 - 10.00 Bivaria Symposium
MINDRAY MICROBIOLOGY SOLUTION: OPTIMIZED WORKFLOW FOR RAPID DIAGNOSIS OF BLOODSTREAM INFECTIONS
Florin Horhat

10.00 - 10.30 Coffee break

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CONTACT
E-mail: contact@sante.ro
Telefon: 021.252.55.43

10.30 - 12.15 SESSION 5 | MICROBIOLOGY

Chairs: Prof. Monica Licker, Prof. Tudor Rareș Olariu

R17. HOW ARTIFICIAL CAN BIOBANK INTELLIGENCE BE? A CONSERVATIVE APPROACH

Alexandra-Maria Nășcuțiu[1]

[1]INCDMM Cantacuzino / Carol Davila UMF , Bucharest, Romania

R18. TARGETED INTERVENTIONS ON THE HUMAN MICROBIOTA - POTENTIAL STRATEGIES TO COMBAT ANTIMICROBIAL RESISTANCE

Dragoș Florea[1]

[1]"Prof. Dr. Matei Balș" National Institute of Infectious Diseases, Bucharest, Romania,

[2]Carol Davila University of Medicine and Pharmacy, Bucharest, Romania

C19. FROM ANTIBIOGRAM TO ANTIBIOTIC SELECTION: A PRACTICAL APPROACH TO MULTIDRUG-RESISTANT GRAM-NEGATIVE BACILLI (MDR-GNB) INFECTIONS

Annamaria Foldes[1,2]

[1]Department of Microbiology, Laboratory of Medical Analysis, "Dr. Constantin Opriș" County Emergency Hospital, Baia Mare, Romania,

[2]Department of Microbiology, Faculty of Nursing and Health Sciences, "Iuliu Hațieganu" University of Medicine and Pharmacy,, Cluj-Napoca, Romania

C20. SURVEILLANCE OF ANTIBIOTIC RESISTANCE OF STRAINS ISOLATED FROM ONCOLOGY PATIENTS IN IRO IASI - TRANSFORMATION OF LABORATORY DATA INTO CLINICAL ACTION

Brîndușa Copăcianu, Fotache Florina, Toma Raluca -Ioana, Apetrii Magdalena, Jitaru Daniela

Regional Institute of Oncology Iași

R21. MICROBIOLOGICAL TRENDS AND PREDICTIVE RISK FACTORS IN BURN PATIENTS

Monica Licker[1,2], Corina Mușuroi[1,2], Oana Izmendi[1,3], Luminița Bădițoiu[1,4], Petrișor Zorin, Crainiceanu[1,5,6], Panche Taskov[3,6], Delia Muntean[1,2]

[1]Multidisciplinary Research Centre of Antimicrobial Resistance, University of Medicine and Pharmacy, Timișoara

[2]Microbiology Laboratory, "Pius Brânzeu" County Clinical Emergency Hospital, Timișoara,

[3]Doctoral School, "Victor Babeș" University of Medicine and Pharmacy, Timișoara, Romania;

[4]Epidemiology Department, "Victor Babeș" University of Medicine and Pharmacy, Timișoara,

[5]Plastic Surgery Department, "Victor Babeș" University of Medicine and Pharmacy, Timișoara,

[6]Burn Unit, Plastic and Reconstructive Surgery Department, Casa Austria, "Pius Brânzeu" Emergency County Clinical Hospital, Timișoara, Romania

R22. INTEGRATED LOW-COST DIAGNOSTIC MODEL FOR URINARY TRACT INFECTIONS: COMBINING MICROBIOLOGICAL DATA, HOST RESPONSE, AND RISK STRATIFICATION IN RESOURCE-LIMITED LABORATORIES

Irina Codiță
"Carol Davila" University of Medicine and Pharmacy, Bucharest, Romania
S.C. Binafarm S.R.L. Bucharest, Romania

C23. HUMAN CRYPTOSPORIDIOSIS IN WESTERN ROMANIA

Tudor Rareș Olariu
Discipline of Parasitology Victor Babes University of Medicine and Pharmacy Timișoara
Municipal Clinical Emergency Hospital, Timișoara, Romania

12.15 - 13.15 Snibe Symposiums
1.BEYOND AUTOMATION, TOWARDS EXCELLENCE
LAMBERT ZHONG

2. OPERATIONAL EXCELLENCE - SNIBE NEW-GEN LABORATORY AUTOMATION SYSTEM HIT THE MARKET
YANNIS YANG

13.15 - 14.30 Lunch break

14.30 - 15.50 SESSION 6 | FROM MOLECULAR MECHANISMS TO PRECISION MEDICINE: IMMUNOLOGICAL PERSPECTIVES IN TRANSLATIONAL MEDICINE
Chairs: Prof. Ileana Constantinescu, Prof. Claudia Bănescu

C24. GERMLINE AND SOMATIC MUTATION TESTING IN CANCER: PRACTICAL CONSIDERATIONS AND CHALLENGES

Claudia Bănescu
[1]*George Emil Palade University of Medicine, Pharmacy, Science, and Technology of Târgu Mureș, Târgu Mureș, Romania,*
[2]*Emergency Clinical County Hospital, Târgu Mureș, Romania,*
[3]*Advanced Medical-Pharmaceutical Research Center, Târgu Mureș, Romania*

C25. EXPERIENCE IN USING THE GENIUS DIGITAL SCANNING SYSTEM FOR LIQUID-BASED CERVICOVAGINAL CYTOLOGY (THINPREP)

Irina Ioana Nechiforiuc[1]
[1]*Regina Maria Central Laboratory, Bucharest, Romania*

C26. CLINICAL RELEVANCE OF SILENT AND NULL ALLELES IN SOLID ORGAN AND BONE MARROW ALLOTRANSPLANTATION

Ileana Constantinescu[1,2,3], Ion Mărunțelu[2]
[1]Faculty of Medicine, "Carol Davila" Medical University Bucharest, Bucharest, Romania
[2]Fundeni Centre for Immunogenetics and Virology, Fundeni Clinical Institute, Bucharest
[3]Emil Palade" Center of Excellence for Young People in Scientific Research (EP-CEYR), Academy of Romanian Scientists,Bucharest, Romania

C27. THE IMPORTANCE OF ALLELIC MATCHING IN ALLOGENEIC BONE MARROW TRANSPLANTATION: IMPACT ON LONG-TERM POST-TRANSPLANT SURVIVAL

Ileana Constantinescu[1,2,3], Ion Mărunțelu[2]
[1]Faculty of Medicine, "Carol Davila" Medical University Bucharest, Bucharest, Romania
[2]Fundeni Centre for Immunogenetics and Virology, Fundeni Clinical Institute
[3]"Emil Palade" Center of Excellence for Young People in Scientific Research (EP-CEYR), Academy of Romanian Scientists,Bucharest, Romania

C28. THE ROLE OF mRNA IN BLADDER CANCER

Ion Mărunțelu[2], Ileana Constantinescu[1,2,3]
[1]Faculty of Medicine, "Carol Davila" Medical University Bucharest, Bucharest, Romania
[2]Fundeni Centre for Immunogenetics and Virology, Fundeni Clinical Institute
[3]"Emil Palade" Center of Excellence for Young People in Scientific Research (EP-CEYR), Academy of Romanian Scientists,Bucharest, Romania

C29. A NEW BIOMARKER IN THE MONITORING OF RENAL TRANSPLANT PATIENTS

Ion Mărunțelu[2], Ileana Constantinescu[1,2,3]
[1]Faculty of Medicine, "Carol Davila" Medical University Bucharest, 020021 Bucharest, Romania
[2]Fundeni Centre for Immunogenetics and Virology, Fundeni Clinical Institute, 022328 Bucharest, Romania
[3]"Emil Palade" Center of Excellence for Young People in Scientific Research (EP-CEYR), Academy of Romanian Scientists,Bucharest, Romania

C30. THE MONITORING OF ANTI HLA IMMUNIZATION POST RENAL TRANSPLANT-CASE STUDY

Ruxandra Caisan[1], Lorena Ulea[1], Ana Moise[1], Ioana Gingu[1], Bogdan Sorohan[2], Monica Dutescu[1], *Bucharest, Romania*

THURSDAY - MAY 28TH

15.50 - 16.20 Abbott Symposiums
IMPACT ON PATIENT CARE WITH BRAHMS PCT ASSAYS
Łukasz Stypiński

PROCALCITONIN: ANALYTICAL PERFORMANCE AND CLINICAL APPLICATIONS ON ABBOTT ALINITY AND ARCHITECT PLATFORMS
Dana Taflan

16.20 - 16.40 Thermo Fisher Symposium
DRIVING CLINICAL LAB EXCELLENCE WITH THERMO FISHER SCIENTIFIC
Łukasz Stypiński

16.40 - 17.00 Coffee break

17.00 - 17.30 Sante Symposium
THE IMPORTANCE OF PRE- AND POST- ANALYTICAL WORKFLOW AUTOMATION
Patricia Hoffmann
NGNY Devices

17.30 - 17.45 Roche Symposium
LABORATORIES OF THE FUTURE: EMPOWERING DIAGNOSTICS WITH NAVIFY AND COBAS SOLUTIONS
Nicoleta Alina Nicolae
Onești Municipal Hospital

17.45 - 19.30 SESSION 7 | IMMUNOLOGY - CLINICAL BIOCHEMISTRY
Chairs: Prof. Liliana Georgeta Foia, Prof. Daniela-Cristina Dimitriu

R31. MODULATION OF THE INFLAMMATORY RESPONSE IN CHILDREN WITH LEUKEMIA IN THE CONTEXT OF GINGIVO-PERIODONTAL ALTERATIONS

Liliana Georgeta Foia[1,2], Alina Elena Adumitroaie[3], Ancuța Goriuc[1], Codruța Minerva Bădescu[1,4], Larisa Ghemiș[1], Vasilica Toma[3]
[1]Department of Biochemistry, "Grigore T. Popa" University of Medicine and Pharmacy, Iași
[2]Laboratory of Medical Analysis, "Sf. Spiridon" County Emergency Clinical Hospital, Iași
[3]Department of Pediatric Dentistry, "Grigore T. Popa" University of Medicine and Pharmacy, Iași

C32. DYSLIPIDAEMIA PREVALENCE IN ROMANIAN ADULTS: RETROSPECTIVE ANALYSIS FROM FOUR TERTIARY MEDICAL CENTERS

Minodora Dobreanu[1,2], Mihaela Zaharia[1], Oana Roxana Oprea[1,2], Antoanela Curici[3], Ariela Oltean[4], Marcela Bota[5], Rodica Boca[6], Ion Bogdan Mănescu[1,2]
[1]UMFST GE Palade Târgu Mureș, Romania
[2]Emergency Clinical County Hospital, Central laboratory, Târgu Mureș
[3]Synevo Central laboratory, Bucharest,
[4]Clinical County Hospital, Sibiu
[5]Clinical County Hospital, Oradea, Romania,
[6]Dorna Medical

C33. EVOLUTION OF PROINFLAMMATORY MARKERS IN PATIENTS WITH ATRIAL FIBRILLATION AND TYPE II DIABETES MELLITUS

Olga Bernaz[1], Valentina Voicu[2], Ion Gobjila[3], Anatolie Vișnevschi [4], Livi Grib[5]
[1]USMF "Nicolae Testemiţanu", Chișinău, Moldova (the Republic of)

C34. UNTARGETED METABOLOMICS IN PREDIABETES: PREDICTIVE BIOMARKERS, METABOLIC MEDIATORS, AND IMPLICATIONS FOR PRECISION MEDICINE

Ivona Mitu[1], Elena Petrescu-Danila[1], Corina Paraschiva Ciobanu[1], Cristina Dimitriu[1]
[1]Grigore T. Popa University of Medicine and Pharmacy Iași, Romania

R35. PROTEIN GLYCATION: FROM PHYSIOLOGICAL TO PATHOLOGICAL

Daniela Cristina Dimitriu[1], Nina Filip[1], Ivona Mitu[1], Corina Paraschiva Ciobanu[1], Gabriela Bordeianu[1]
[1]Department of Morphofunctional Sciences II, Discipline of Biochemistry, "Grigore T. Popa" University of Medicine and Pharmacy, Iași, Romania

C36. THE PROGNOSTIC ROLE OF COMPLETE BLOOD COUNT-DERIVED PARAMETERS IN PATIENTS WITH OBLITERATIVE ARTERIOPATHY WITH AND WITHOUT INFECTIOUS GANGRENE

Eniko Nemes-Nagy[1,2], Orsolya-Zsuzsa Akácsos-Szász[1,4], Sándor Pál[3], Róbert Nemes-Nagy[1], ZsuzsánnaSimon-Szabó[1,2], Enikő-Csilla Barabás[1,5], Adrian Man[1,5], Mariana Cornelia Tilinca[1,2]
[1]GEPUMPhST of Târgu Mureș, Târgu Mureș, Romania,
[2]Emergency County Clinical Hospital of Târgu Mureș, Târgu Mureș, Romania,
[3]University of Pécs, Hungary, Clinical Center, Department of Transfusion and Laboratory Medicine, Pécs, Hungary,
[4]Gheorgheni Municipal Hospital, General Surgery Section, Gheorgheni, Romania,
[5]County Clinical Hospital of Târgu Mureș, Medical Laboratory, Târgu Mureș, Romania

C37. DYNAMIC ASSESSMENT OF METABOLIC PARAMETERS AND INFLAMMATORY MARKERS IN DIABETIC AND NON-DIABETIC PATIENTS WITH PERIPHERAL ARTERIAL DISEASE UNDERGOING SURGICAL INTERVENTION

Eniko Nemes-Nagy[1,2], Orsolya-Zsuzsa Akácsos-Szász[1,5], Sándor Pál[3], Adina Huţanu[1,4], Zsuzsánna Simon-Szabó[1,2], Mariana Cornelia Tilinca[1,2]

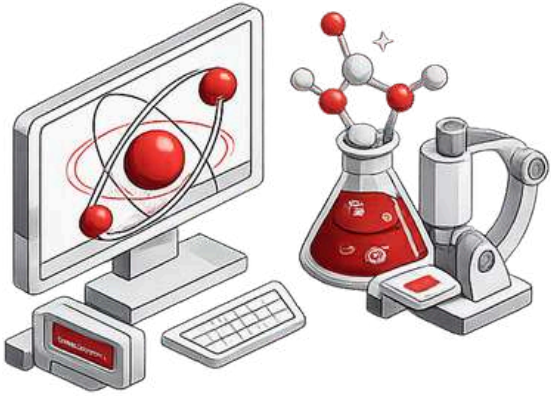
[1]George Emil Palade University of Medicine, Pharmacy, Science, and Technology of Târgu Mureș,
[2]Emergency Clinical County Hospital, Târgu Mureș, Romania,
[3]University of Pécs, Clinical Center, Department of Transfusion and Laboratory Medicine, Pécs
[4]Advanced Medical-Pharmaceutical Research Center, Târgu Mureș, Romania,
[5]Gheorgheni Municipal Hospital, General Surgery Section, Gheorgheni, Romania

C38. THE RELATIONSHIP BETWEEN THE ALBUMIN/CREATININE RATIO (ACR) AND URINE SEDIMENT: CORRELATIONS AND DISCREPANCIES IN THE EVALUATION OF RENAL PATHOLOGY

Sorin Giju[1], DanielaGrecu[1,4], FloricaGădălean[2,5], DaliborcaVlad[1,3], MihaelaDuma[1], Mirela Ruxandra[1]

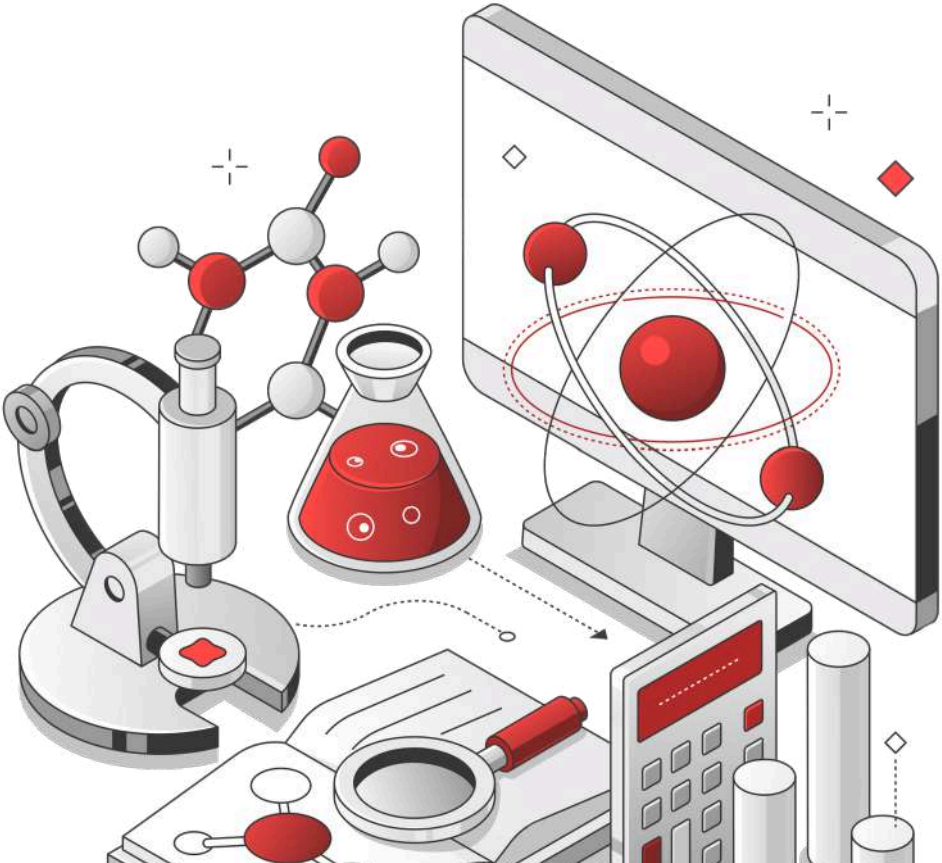
[1]Central Laboratory, Clinical County Emergency Hospital "Pius Brânzeu", Timișoara, Romania,
[2]Clinical Nephrology Department, Clinical County Emergency Hospital "Pius Brânzeu", Timișoara,
[3]"Victor Babeş" University of Medicine and Pharmacy, Department of Pharmacology, Timișoara,
[4]Department of Biochemistry, Timișoara,
[5] Department of Nephrology, Timișoara,

19.30 Gala Dinner
tickets available at the registration desk



DAY 3

Friday, 29 May 2026



08.30 - 09.45 SESSION 8 | TRANSFUSION MEDICINE

Chair: Assoc. Prof. Cristina Mambet, Dr. Andrei George Iancu

C39. THE CENTRAL IMMUNOHEMATOLOGY LABORATORY OF THE NATIONAL INSTITUTE OF BLOOD TRANSFUSION "PROF. DR. C.T. NICOLAU": REACTIVATION, RESPONSIBILITIES AND PERSPECTIVES IN THE ERA OF PRECISION MOLECULAR MEDICINE

Andrei George Iancu
National Blood Transfusion Institute, Bucharest, Romania

C40. THE MAJOR CLINICAL IMPORTANCE OF THE SIMPLEST LABORATORY ANALYSES IN TRANSFUSION MEDICINE - BEDSIDE BLOOD COMPATIBILITY TEST

Georgeta Hanganu[1], Andreea Iancu[2]
[1]*Prahova Blood Transfusion Center, Ploiești, Romania,*
[2]*National Institute of Aviation and Space Medicine, Bucharest, Romania,*

C41. DETERMINATION OF ANTI-ERYTHROCYTE ANTIBODIES AS AN IMPORTANT STEP IN TRANSFUSION SAFETY - PARTICULARITIES OF THE POLYTRANSFUSED PATIENT WITH THALASEMIA MAJOR

Larisa Diana Nițu[1], Cristina Ioana Mitru[1], Maria Daniela Voicu[1]
[1]*National Blood Transfusion Institute, Bucharest, Romania*

C42. SEROLOGICAL SCREENING STRATEGIES IN TRANSFUSION MEDICINE: RETROSPECTIVE ELISA ANALYSIS AND EVALUATION OF CHEMILUMINESCENT METHODS

Irina Gabriela Răchită[1], Alexandra-Oana Șerban[2], Raluca Suciu[3]
[1]*CTSMB-LABORATOR MTS, Bucharest, Romania, ,*
[2]*INTS-LCR-MTS, Bucharest, Romania,*
[3]*CTSMB-Immunohematology Laboratory, Bucharest, Romania*

C43. INFECTIONS TRANSMITTED THROUGH BLOOD TRANSFUSIONS IN ROMANIA

Oana-Alexandra Șerban[1], Diana Maria Cîrstea[1]
[1]*National Blood Transfusion Institute"prof. Dr. C T. Nicolau", Bucharest, Romania*

C44. PREMATURITY DRIVES TRANSFUSION NEEDS: EVIDENCE FROM NEONATAL PRACTICE IN A REGIONAL CENTER

Alina Voicu[1]
[1]*INSMC Alessandrescu-Rusescu, Bucharest, Romania*

C45. WHEN RED BLOOD CELL TRANSFUSION BECOMES A CHALLENGE: AN IMMUNOHEMATOLOGY CASE SERIES FROM THE BUCHAREST BLOOD TRANSFUSION CENTER

Raluca Suciu[1], Adriana Stancu[1], Ioana Cojocaru[1], Meda Cosma[1], Mariana Ailenei[1], Alexandra Iuliana Zăgrean[1], Lucia Elena Grijac[2]
[1]Immunohematology Laboratory, Bucharest Blood Transfusion Center, Bucharest, Romania,
[2]Field Coordination Department, Bucharest Blood Transfusion Center, Bucharest, Romania

C46. TRANSFUSION SAFETY IN POLYTRANSFUSED PATIENTS

Dalia Cristina Horvat, Cristina Bichiș, Larisa David, Ramona Bornemisa
Hunedoara Blood Transfusion Center

09.45 - 10.15 Coffee break

10.15 - 10.45 Top Diagnostics Symposium
ONE PLATFORM, TWO DISCIPLINES: INTEGRATING HAEMATOLOGY AND HAEMOSTASIS WITH THE SYSMEX BLOODSCIENCE WORKCELL SOLUTION
George Tarpley
Sysmex UK

10.45 - 10.55 Medlife Symposium
LONGEVITY 100+, THE AFFORDABLE FULL GENOME TEST FOR LONGER, HEALTHIER LIVING
CERASELA JARDAN, MD, PhD
Assist. Prof. MD, PhD, senior physician in Medical Genetics, "Carol Davila" University of Medicine and Pharmacy, Departmentof Pediatric Genetics,
Coordinator of Cytogenetics Department at MedLife Group

10.55 - 13.15 SESSION 9 | HEMATOLOGY
Chairs: Prof. Ana Maria Vlădăreanu, Dr. Daniela Jitaru

C47. ALGORITHM FOR DIAGNOSIS AND MANAGEMENT OF LABORATORY TESTS FOR THE HEMATO-ONOCOLOGY PATIENT WITH DISSEMINATED INTRAVASCULAR COAGULATION

Daniela Jitaru[1], Emanuela Achiței[1], Raluca Oană[1], Alina Veringu[1]
[1]Department of Hematology and Hemostasis, Medical Analysis Laboratory, Regional Institute of Oncology, Iași

C48. JAK2 V617F CLONAL HEMATOPOIESIS AND EARLY DIAGNOSIS OF MYELOPROLIFERATIVE NEOPLASMS

Cristina Mambet[1,2,3], Andrada-Amira Voinovici[1], Ana Iulia Neagu[1,2], Carmen Diaconu[3], Ana Maria Vlădăreanu[1,2]
[1]"Carol Davila" University of Medicine and Pharmacy, Bucharest
[2]Hematology Unit, Bucharest Emergency University Hospital
[3]"Ștefan S. Nicolau" Institute of Virology, Bucharest

C49. PRACTICAL DIAGNOSTIC APPROACH TO LYMPHOCYTOSIS IN ADULT PATIENTS

Ana Maria Vlădăreanu[1,2], Tatiana Cristina Dobre[1,2], Andrada-Amira Voinovici[1], Alina Mititelu[1,2], Andreea Cornelia Neculcea[2], Cristina Mambet[1,2]
[1]"Carol Davila" University of Medicine and Pharmacy, Bucharest
[2]Hematology Unit, Bucharest Emergency University Hospital

C50. THE JOURNEY FROM INTERNATIONAL CONSENSUS TO ROUTINE HEMATO-ONCOLOGY LABORATORY TESTS

Mihaela Zlei[1], Mihaela Mentel[2], Elena Claudia Grigoras[1], Daniela Jitaru[1]
[1]Department of Flow Cytometry, Medical Analysis Laboratory, Regional Institute of Oncology, Iași;
[2]Center for Fundamental Research and Experimental Development in Translational Medicine—TRANSCEND, Regional Institute of Oncology, Iași, Romania

C51. INTEGRATED IMMUNOPHENOTYPIC AND MOLECULAR STRATEGIES FOR MEASURABLE RESIDUAL DISEASE MONITORING IN ACUTE MYELOID LEUKEMIA

Mihaela Mențel[1], Claudia E. Grigoraș[2], Loredana M. Dragoș[2], Elena Nisioi[2], Iuliu C. Ivanov[2], Irina C. Văcărean-Trandafir, Iuliana Strugariu[2], Alina M. Veringu[2], Raluca E. Oană[2], Angela Dăscalescu[3,4], Daniela Jitaru[2], Mihaela Zlei[2]
[1]Center for Fundamental Research and Experimental Development in Translation Medicine—TRANSCEND, Regional Institute of Oncology, Iași, Romania.
[2]Medical Analysis Laborator, Regional Institute of Oncology, Iași, Romania.
[3]Hematology Department, Regional Institute of Oncology, Iași, Romania.
[4]University of Medicine and Pharmacy Gr. T. Popa, Iași

C52. THE IMPACT OF NGS TECHNOLOGY ON THE DIAGNOSIS, PROGNOSIS, AND THERAPEUTIC MANAGEMENT OF MYELODYSPLASTIC SYNDROMES

Loredana Mihaiela Dragoș[1] , I.C. Ivanov [1] , Cojocaru Karina[1], Elena Nisioi[1] , Mădălina Ștefan[1], Mihaela Mențel[1,4] , Mihaela Zlei[1] , Claudia Gorovei[1] , Amalia Titianu[2,3], Angela Smaranda Dăscălescu[2,3] , Daniela Jitaru[1]
[1]Molecular Diagnosis Department, Regional Institute of Oncology, Iași, Romania;
[2]Department of Hematology, Regional Institute of Oncology, Iași, Romania;
[3]Department of Hematology, "Grigore T. Popa" University of Medicine and Pharmacy,
[4]Center for Fundamental Research and Experimental Development in Translation Medicine - TRANSCEND, Regional Institute of Oncology, Iași, Romania;

C53. EVALUATION OF BMR IN LAM THROUGH MOLECULAR BIOLOGY TECHNIQUES

I.C. Ivanov[1], Karina Cojocaru [1], Adriana Sireteanu[1], Iuliana Strugariu[1], Mihaiela Loredana Dragos[1], Mihaela Mentel[1], Claudia Gorovei[1], Mihaela Zlei[1], Carmen Cozmei[1], Elena Nisioi[1], Stefan Mădălina[1], Angela Dăscălescu[2,3], C. Danaila[2,3], I. Antohe[2], Gabriela Dorohoi[3], Daniela Jitaru[1]
[1]Laboratory of Molecular Diagnostic, Regional Institute of Oncology, Iași, Romania,
[2]University of Medicine and Pharmacy, "Gr. T. Popa", Iași, Romania,
[3]Hematology Clinic, Regional Institute of Oncology, Iași, Romania

C54. ACUTE PROMYELOCYTIC LEUKEMIA WITH BASOPHILIC DIFFERENTIATION: CYTOLOGICAL AND IMMUNOPHENOTYPIC FEATURES OF A RARE VARIANT – CASE REPORT

Claudia Brancsik[1], Mirela Marian[1], Florina Florea[1], Elena Cristina Selicean[1]
[1]Department of Hematology, "Prof. Dr. Ion Chiricuta" Oncology Institute, Cluj-Napoca, Romania

C55. MOLECULAR DIAGNOSTICS IN SOLID TUMORS: INTEGRATING LABORATORY ANALYSIS INTO CLINICAL PRACTICE

Karina-Alexandra Cojocaru[1,2], Mihaiela Loredana Dragoș[1], Iuliu Ivanov[1], Daniela Jitaru[1]
[1] Molecular Diagnostics Department, Regional Institute of Oncology, Iași, Romania
[2] "Grigore T. Popa" University of Medicine and Pharmacy, 16 University Street, 700115 Iași, Romania

C56. MORPHOLOGICAL RED FLAGS IN PERIPHERAL BLOOD AND BONE MARROW: INTRACYTOPLASMIC INCLUSIONS, MICROORGANISMS AND CRYSTALLINE STRUCTURES IN INFECTIOUS CYTOPENIAS

Rodica Mirela Gheorghe[1], Ariela Ligia Olteanu[1], Liliana Corina Mocanu[1], Vlad Ercuta[1]
[1]Clinical Laboratory for Medical Testing, County Emergency Clinical Hospital, Sibiu, Romania

C57. B LYMPHOBLASTIC LEUKEMIA WITH KMT2A REARRANGEMENT: CASE PRESENTATION

Liliana Corina Mocanu[1], Rodica Gheorghe[1], Vlad Ercuta[1], Adriana Popescu[2], Ariela Ligia Olteanu[1], Flavius Galca[1], Alina Camelia Catana[1]
[1]Emergency County Hospital Sibiu, Sibiu, Romania
[2] "Lucian Blaga" University of Sibiu, Sibiu, Romania

13.15 - 13.30 altona Diagnostics Symposium
VIRAL INFECTIONS IN PATIENTS WITH MALIGNANT DISEASES- ROLE AND RATIONALE OF THE MOLECULAR DIAGNOSIS AND THE VIRAL LOAD MEASUREMENT

Raluca Papagheorghe, Cătălin Constantin Matei, Andra Raluca Rusea-Houghton
Clinic Hospital Colțea, Bucharest, Romania

13.30 - 14.30 Lunch break

14.30 - 16.00 SESSION 10 | CLINICAL BIOCHEMISTRY, MOLECULAR BIOLOGY – POSTERS

Chairs: Lecturer Ion-Bogdan Mănescu, Assist. Prof. Karina-Alexandra Cojocaru

P29. MORPHOLOGICAL CHARACTERIZATION OF A LIPID NANOPARTICLE-mRNA PLATFORM FOR TAILORED MOLECULAR THERAPIES

Daciana Silvia Marta[1,2], Roua Gabriela Popescu[3,4], George Cătălin Marinescu[3,4], Tudor Emanuel Fertig[1,5]

[1]Victor Babeș National Institute of Pathology, Bucharest, Romania,
[2]Faculty of Medicine, Titu Maiorescu University,
[3]Asociația Independent Research, Romania,
[4]Blue Screen SRL, Romania,
[5]Carol Davila University of Medicine and Pharmacy, Romania

P30. ELECTRICAL ISOFOCUSING: AN ESSENTIAL METHOD FOR ADVANCED PROTEIN ANALYSIS

Márta Andrea Fodor[1,2]

[1]UMFST George Emil Palade, Târgu Mureș,
[2]Târgu Mureș County Emergency Clinical Hospital

P31.DESIGN OF A NEW METHOD FOR DIRECT ELECTROCHEMICAL DETECTION OF RESPIRATORY VIRUS DNA

Mădălina Axinie[1], Sorin Mocanu[1], Diana Maxim[1], Dana Stan[1]

[1]DDS Diagnostic SRL, Bucharest, Romania

P32. CLINICAL AND BIOCHEMICAL PROFILE OF LIVER CIRRHOSIS: A COMPARATIVE STUDY

Sabrina-Nicoleta Munteanu[1,2], Mrs. Ana-Maria Filip[1,2], Mrs. Luciana Arjoca[1], Mr. Răzvan Rus[2], Anca Negovan[1,2]

[1]"George Emil Palade" University of Medicine, Pharmacy, Science, and Technology, Târgu Mureș, Romania,
[2]Târgu Mureș County Emergency Clinical Hospital - Department of Internal Medicine I, Târgu Mureș, Romania

P33. COBAS E801 VERSUS ALINITY I VERSUS MAGLUMI X6 – VITAMIN B12 METHOD COMPARISON

Raluca Dragomir[1], Oana Roxana Oprea[1,2], Luncian Călin Dohotar[1], Ana-Maria Fotache[1,2], Minodora Dobreanu[1,2]

[1]Clinical Laboratory, Emergency Clinical County Hospital of Târgu Mureș, Târgu Mureș, Romania,
[2]Departament of Laboratory Medicine, George Emil Palade University of Medicine, Pharmacy, Science and Technology of Târgu Mureș, Târgu Mureș, Romania

P34. PREVALENCE OF VITAMIN B9 AND B12 DEFICIENCY IN THE PEDIATRIC POPULATION

Ștefan Vasile Cristea[1], Camelia Grigore[1], Maria Totan[2], Adriana Popescu[2]
[1]Sibiu Clinical Pediatric Hospital, Sibiu, Romania,
[2]"Lucian Blaga" University of Sibiu, Faculty of Medicine, Sibiu, Romania

P35. ESTABLISHMENT OF SERUM CREATININE REFERENCE INTERVALS IN AN ADULT POPULATION

Elena-Cristina Preda, Oana Oprea, Minodora Dobreanu
Department of Laboratory Medicine, George Emil Palade University of Medicine, Pharmacy, Science, and Technology of Târgu Mureș, Târgu Mureș, Romania

P36. LIPOPROTEIN (A) AND APOLIPOPROTEIN B: EMERGING ATHEROGENIC BIOMARKERS IN PERSONALIZED MEDICINE

Alina Ghilețchii, Anatolie Vișnevschi
[1]USMF Nicolae Testemițanu, Chișinău, Moldova (the Republic of)

P37. CATHEPSIN S, B AND CYSTATIN C IN THE ASSESSMENT OF ATHEROSCLEROTIC BURDEN AND DISEASE PROGRESSION IN CAROTID ARTERY STENOSIS AND PERIPHERAL OBLITERATIVE ATHEROSCLEROSIS

Előd Ernő Nagy[1,2], Gyopár Molnár [1,3], Cătălin Coșarcă [4,5], Piroska Kelemen[6], Attila Frigy[7,8]
[1]F1 Department, Biochemistry and Chemistry of Environmental Factors, "George Emil Palade" University of Medicine, Pharmacy, Science and Technology of Târgu Mureș
[2]Clinical Laboratory of Medical Analysis, Mureș County Clinical Hospital
[3]Pathological Anatomy Service, Târgu Mureș County Emergency Clinical Hospital
[4]M1 Department, Anatomy, "George Emil Palade" University of Medicine, Pharmacy, Science and Technology of Târgu Mureș
[5]Vascular Surgery Clinic, Târgu Mureș County Emergency Clinical Hospital
[6]M3 Department, Internal Medicine II, "George Emil Palade" University of Medicine, Pharmacy, Science and Technology of Târgu Mureș
[7]Department M4, Internal Medicine IV, "George Emil Palade" University of Medicine, Pharmacy, Science and Technology of Târgu Mureș
[8]Cardiology Department, Mureș County Clinical Hospital

P38. LABORATORY MONITORING OF CARDIAC FUNCTION IN PATIENTS WITH DIABETES MELLITUS: ROLE OF BIOMARKERS

Ioana Dinut[1,2], Lavinia Carmen Daba[1,2], Mihaela Botnarciuc[1,2], Iulia Andreea Badea[2], Elena Sapte[2]
[1]Emergency County Clinical Hospital "Saint Apostle Andrei", Constanța, Romania,
[2]Ovidius University, Faculty of Medicine, Constanța, Romania

P39. GLYCATION OF SMALL PROTEINS vs. GLYCATED HEMOGLOBIN: NOVEL CANDIDATE MARKERS AS INDICATORS OF METABOLIC STATUS IN PATIENTS WITH TYPE 1 AND TYPE 2 DIABETES

Vlad-Alexandru Toma[1,2], Claudia Moldoveanu[2,3], Darius-Daniel Rus[3], Mihai Lupu[6], Ștefania Iancu[4], Alina Filip[5], Gabriel Marc[7], Adriana Filip[6], Norbert Farkas[8], Anca-Lucia Pop[9]

[1]Department of Medical and Health Sciences, Babeș-Bolyai University, Cluj-Napoca
[2]Institute of Biological Research, a branch of INCDSB Bucharest, Cluj-Napoca,
[3]Department of Molecular Biology and Biotechnology, Babeș-Bolyai University,
[4]Department of Biomolecular Physics, Babeș-Bolyai University,
[5]Department of Chemistry, Faculty of Chemistry and Chemical Engineering, Babeș-Bolyai University,
[6]Department of Morpho-Functional Sciences, "Iuliu Hațieganu" University of Medicine and Pharmacy,
[7]Department of Pharmacy 1, "Iuliu Hațieganu" University of Medicine and Pharmacy,
[8]Clinical Center for Diabetes, Nutrition, and Metabolic Diseases, Cluj-Napoca,
[9]Clinical and Food Safety Laboratory, Faculty of Pharmacy, "Carol Davila" University of Medicine and Pharmacy, Bucharest, Romania

P40. DIABETES AND CARDIOVASCULAR COMORBIDITIES – WHAT LIES WITHIN THE ROUTINE BLOOD TESTS

Boglárka Kovács–Deák [1], Béla Kovács [2], Francisc Boda [3], István Szakács Mikes [4], Melinda Kolcsár [5], Ibolya Fülöp [6], Piroska Kelemen [7], Előd Ernő Nagy [2]

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[7] M3 Department/Internal Medicine II, Faculty of Medicine, "George Emil Palade" University of Medicine, Pharmacy, Sciences and Technology of Târgu Mureș

P41. MODIFICATION OF THE INFLAMATORY RESPONSE IN PACIENTS WITH PULMONARY TUBERCULOSIS ASSOCIATED WITH DIABETES MELLITUS

Marina Reabișeva, Anatolie Vișnevschi, Valeriana Pantea

"Nicolae Testemițanu" State University of Medicine and Pharmacy of the Republic of Moldova

P42. OXIDATIVE STRESS AND COMPOSITE INFLAMMATORY INDICES IN HEMODIALYSIS AND DIABETIC NEPHROPATHY PATIENTS

Mohamed-Zakaria Assani[1,2], Lidia Boldeanu[3], Isabela Siloși[2], Alexandra-Ștefania Stroe-Ionescu[1], Mariana-Emilia Caragea[1], Daniel Cosmin Caragea[4], Mihail Virgil Boldeanu[2]
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[3]Dept of Microbiology,
[4]Department of Nephrology, Univ of Med and Pharm of Craiova

P43. CHRONIC KIDNEY DISEASE AND ITS ASSOCIATED COMORBIDITIES

Daniela Miricescu[1], Andra-Elena Balcangiu Stroescu[2], Iulia-Ioana Stanescu-Spinu[2], Constantin Stefani[3], Silviu Badoiu[4], Ileana Adela Vacaroiu[5]
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P44. „MEDIUM MOLECULAR WEIGHT PEPTIDES AND URINARY ENZYMES – BIOMARKERS OF ENDOGENOUS INTOXICATION"

Vera Sali
[1]State Medical and Pharmaceutical University "Nicolae Testemitanu", Chișinău, Moldova
[2]Republican Clinical Hospital ,,Timofei Moșneaga", Chișinău, Moldova

P45. COMPARABILITY OF URINARY PROTEIN AND ALBUMIN DETERMINATIONS IN ROUTINE URINALYSIS USING THE LABUMAT 2 AND ATELLICA 1500 URINE ANALYZERS

Daniela Ștefania Grecu, Ancuta Letitia Tutelca, Sorin Giju, Daliborca Cristina Vlad
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[2]Clinical Laboratory of Medical Analyses, "Pius Brânzeu" County Emergency Clinical Hospital , Timișoara, Romania

P46. IMPACT OF SAMPLE COLLECTION CONTROL ON PREANALYTICAL NON-CONFORMITIES: A COMPARISON BETWEEN PRIVATE AND PUBLIC LABORATORIES

Carmen Delianu[1,2], Oana Maria Pintilie[1], Claudiu Constantin Rusu[1], Stefania Maria Tifui[1], Rares Hristodorescu[2], Loredana Liliana Hurjui[2], Cristina Claudia Tarniceriu[2], Nura Sara Jdid[2], Cristina Hristodorescu[1]
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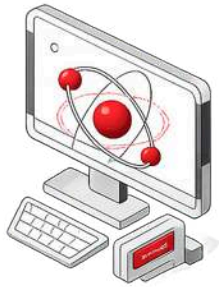
16.30 - 17.00 CLOSING CEREMONY

17.00 - 18.00 RALM GENERAL ASSEMBLY

USEFUL INFORMATION



The Registration Desk will be open according to the following schedule:

- **Wednesday, May 27th**: 10:00 – 19:00
- **Thursday, May 28th**: 08:00 – 19:00
- **Friday, May 29th**: 08:00 – 17:00

Oral presentations will take place according to the scientific program. All speakers are kindly requested to respect the allocated time for their presentations in order to ensure the smooth running of the event.

Posters will be displayed digitally on screens throughout the duration of the conference. Presentations will be delivered as scheduled.

Certificates of attendance will be issued exclusively in electronic format, after completing a feedback questionnaire, sent by email, after 2nd of June 2026.
We would like to remind you that this event has been accredited with **18 CME credits** by the Romanian College of Physicians and with **18 CME credits** by the Romanian Order of Biochemists, Biologists, and Chemists.

Logistic Organizer: PROevents International

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