

THE 15TH NATIONAL CONFERENCE OF THE ROMANIAN ASSOCIATION OF LABORATORY MEDICINE

with international participation

May 15-17, 2024
Eforie Nord



COMITETE / COMMITTEES

COMITET DE ORGANIZARE | ORGANIZING COMMITTEE

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Adina HUȚANU
Oana OPREA
Marta Andrea FODOR
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Valeriu MOLDOVAN
Krisztina PAL
Ramona URZICĂ

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Daniela JITARU
Iuliu IVANOV
Mihaela ZLEI

CLUJ-NAPOCA

Ioana BRUDAȘCĂ
Cristina SELICEAN

BUCUREȘTI

Ileana CONSTANTINESCU
Ariadna RĂDULESCU

COMITET ȘTIINȚIFIC | SCIENTIFIC COMMITTEE

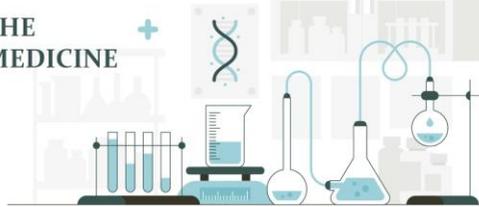
Minodora DOBREANU
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Claudia BĂNESCU
Ileana CONSTANTINESCU
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PROGRAM ȘTIINȚIFIC / SCIENTIFIC PROGRAM

**A XV-a Conferință Națională a Asociației de Medicină de
Laborator din România cu participare internațională**

**The 15th National Conference of the Romanian Association of
Laboratory Medicine, with international participation**

15.05.2024 – Green Labs/Laboratory management/ Quality Control

**16.05.2024 – Oncology / Clinical Biochemistry - Immunology/
Molecular Biology**

17.05.2024 – Microbiology / Professional guidelines/Posters

Presentations will be assigned the following amount of time:

- 20 minutes – plenary report (R)
- 10 minutes – oral communication (C)
- 5 minutes – poster presentation (P)

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WEDNESDAY - MAY 15TH

12.00 OPENING CEREMONY

12.10 **EFLM ACTIVITIES AND MISSIONS - Green LABS**

12.30 *Prof. Tomris Ozben*

IFCC PRESIDENT, EFLM Executive Board Representative

12.30 **EFLM: OPPORTUNITIES FOR MEDICAL LABORATORIES AND
SPECIALISTS IN ROMANIA**

Monica Dugăeșescu

EFLM TG YS

12.50-13.00 Break

13.00-15.00 SESSION 1 | Green LABS - SUSTAINABLE TRANSITION WITHIN THE MEDICAL LABORATORIES

Chairs: Prof. Tomris Ozben, Prof. Minodora Dobreanu

13.00 **R1. TIME for a SUSTAINABLE TRANSITION within the MEDICAL
LABORATORIES**

Tomris Ozben

IFCC PRESIDENT, EFLM Executive Board Representative

13.30 **R2. SUSTAINABILITY IN ROMANIAN MEDICAL LABORATORIES**

13.50 *Adina Huțanu^{1,2} responsible for Romania/ National Society on Green Lab
EFLM Committee*

¹ Emergency Clinical County Hospital of Târgu Mureș

² George Emil Palade University of Medicine, Pharmacy, Science and
Technology of Târgu Mureș, Department of Laboratory Medicine

13.50 **R3. ESG FOR MEDICAL LABORATORIES, HOW TO IMPLEMENT
FROM THEORY TO PRACTICE**

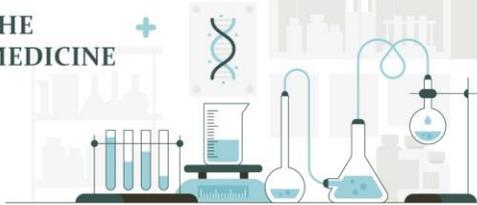
Carlos Garces

Medical Director of Bioclinic Laboratory in the city of Iquique,
President, Medical Society of Clinical Laboratory of Chile

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14.10 **R4. NEW REIMBURSEMENT MODELS TO PROMOTE BETTER**
14.40 **PATIENT OUTCOMES AND OVERALL VALUE IN LABORATORY**
MEDICINE AND HEALTHCARE

Tommaso Trenti

Director of Department of Laboratory Medicine, OCSAE, Azienda USL of Modena, Italy

14.40 **R5. ARTIFICIAL INTELLIGENCE in the LABORATORY MEDICINE OF**
15.00 **XXIST CENTURY**

Minodora Dobreanu^{1,2}

¹UMFST GE Palade Târgu Mureș, ²Emergency Clinical County Hospital Târgu Mureș

15.00-15.30 Coffee Break

15.30 **WORKSHOP: Q&A, SUSTAINABILITY FOR DAILY ROUTINE in**
15.45 **CLINICAL LABORATORIES**

Adina Huțanu^{1,2} responsible for Romania/ National Society on Green Lab
EFLM Committee
Elena Pavel, Abbott

15.45 **WORKSHOP: CONTINUOUS IMPROVEMENT OF THE**
16.00 **EFFECTIVENESS OF THE LABORATORY MANAGEMENT SYSTEM**
THROUGH FEEDBACK FROM COLLABORATING CLINICIANS

Suzana Hatescu, Abbott Romania

16.00-18.00 SESSION 2 | LABORATORY QUALITY MANAGEMENT / PROFICIENCY TESTING

Chairs: Lecturer Oana Oprea, Lecturer Radu Ilinca

16.00 **R6. THE NEW ILAC P9 POLICY AND THE ESSENTIAL REQUIREMENTS**
16.20 **FOR A COMPETENT PT PROVIDER**

Radu ILINCA¹, Ionuț Adrian CHIRIAC¹, Ionela GANEA¹

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

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16.20 **C1. Z-SCORE - AN ESSENTIAL TOOL IN ASSESSING EXTERNAL**
16.30 **QUALITY CONTROL**

Diana Handolescu², Oana Oprea^{1,2}, Minodora Dobreanu^{1,2}

¹UMFST GE Palade Târgu Mureș

²Emergency Clinical County Hospital Târgu Mureș

16.30 **R7. EXTERNAL QUALITY ASSESSMENT: ALTERNATIVES FOR THE Z-**
16.50 **SCORE**

Oana Oprea^{1,2}, Diana Handolescu², Minodora Dobreanu^{1,2}

¹UMFST GE Palade Târgu Mureș

²Emergency Clinical County Hospital Târgu Mureș

16.50 **R8. FLOW CYTOMETRY LABORATORY-DEVELOPED TESTS AND**
17.10 **REQUIREMENTS OF EUROPEAN UNION REGULATION 2017/746**

Mihaela Zlei, Mihaela Mentel, Claudia Grigoras, Daniela Jitaru

Medical Laboratory, Regional Institute of Oncology, Iasi, Romania

17.10 **C2. VERIFICATION OF THE TRANSFERABILITY OF REFERENCE**
17.20 **VALUES FOR SERUM CREATININE**

Oana Oprea^{1,2}

¹UMFST GE Palade Târgu Mureș

²Emergency Clinical County Hospital Târgu Mureș

17.20 **AMS 2000 SYMPOSIUM | EXTERNAL QUALITY CONTROLS IN**
17.30 **LABORATORIES QUALITY MANAGEMENT SYSTEM, ZeptoMetrix, USA**

17.30 **CLINILAB SYMPOSIUM | "MAS® control - THIRD PARTY QUALITY**
17.45 **CONTROL"**

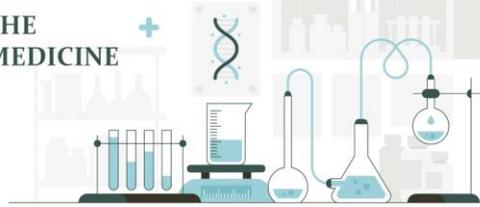
Miroski Ildiko Andrea

17.45-18.00 Coffee Break

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18.00-19.30 POSTER SESSION 1-2

Chairs: Assoc. Prof. Cristina Mambet, Assoc. Prof. Adina Huțanu

P1. ELECTROCHEMICAL BIOSENSOR FOR MONITORING ONCOLOGICAL TREATMENT WITH ETOPOZIDE

Dana Stan¹, Andreea-Cristina Mirică¹, Sorin Mocanu¹, Diana Stan¹, Lorena-Andreea Bocancia-Mateescu¹

¹ DDS Diagnostic SRL

P2. EGFR GENOTYPING IN NSCLC – THE EXPERIENCE OF THE IRO IAȘI MEDICAL ANALYSIS LABORATORY

Filip Cristiana², Nisioi Elena¹, Ivanov C. Iuliu¹, Dragos M. Loredana¹, Mentel Mihaela^{1,3}, Vacarean Trandafir C. Irina³, Sireteanu Adriana¹, Daniela Jitaru¹

¹Laboratorul de Analize Medicale, Institutul Regional de Oncologie, Iasi, Romania

²Universitatea de Medicina si Farmacie „Gr. T. Popa”, Iasi, Romania;

³TRANSCEND, Institutul Regional de Oncologie, Iasi, Romania

P3. CONTROL-FREE DIFFERENTIAL GENE EXPRESSION ANALYSIS IN RNA SEQUENCING USING A DEEP GENERATIVE MODEL

Eugen Radu^{1,2}, Cosmin-Florentin Nicolae¹, Mădălina Cîrnu¹

¹Molecular Pathology Laboratory – Bucharest Emergency University Hospital

²Microbiology Department, University of Medicine "Carol Davila" and Pharmacy Bucharest

P4. QUANTITATIVE BCR-ABL1 ASSAY USING REAL-TIME DIGITAL PCR SYSTEM: CLINICAL APPLICATIONS AND INSIGHTS

Dan-Cristian Marinescu¹, Eugen Radu^{1,2}

¹ Molecular Pathology Laboratory - Bucharest Emergency University Hospital

²Microbiology III Department, "Carol Davila" University of Medicine and Pharmacy Bucharest

P5. ANALYSIS OF TP53 MUTATION IN CHRONIC LYMPHOCYTIC LEUKEMIA THROUGH LONG-READ NUCLEIC ACID SEQUENCING

Mădălina Cîrnu¹, Dan-Sebastian Soare¹, Cosmin-Florentin Nicolae¹, Horia Bumba¹, Eugen Radu¹

¹Molecular Pathology Laboratory - Emergency University Hospital Bucharest

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P6. USE OF A POLYGENIC SCORE TO PREDICT AML PROGNOSIS

Tripon Florin¹, Crauciuc George Andrei^{1,2}, Benedek Erzsebet³, Bănescu Claudia^{1,2}

¹UMFST G. E. Palade Târgu Mureș, România, disciplina Genetică

²CCAMF UMFST G. E. Palade Târgu Mureș, România

³UMFST G. E. Palade Târgu Mureș, România, disciplina Medicină Internă

P7. THE ROLE OF THE BLOOD SMEAR IN THE DIAGNOSIS OF A CASE OF NON-HODGKIN LYMPHOMA MANTLE B CELLS, DIGESTIVE, EXTENDED

Luminița Matroș^{1,2}, Stanca-Lucia Pandrea^{1,2}, Monica Ioana Ciontea¹, Manuela Tompa¹, Andreea Monica Benea¹, Lia Sorina Pepelea², Claudia Hațgiu^{1,3}

¹Regional Institute of Gastroenterology and Hepatology (RIGH), Cluj-Napoca

²Department of Microbiology "Iuliu Hațieganu" University of Medicine and Pharmacy, Cluj-Napoca

³Department of Internal Medicine, Cardiology and Gastroenterology, "Iuliu Hațieganu" University of Medicine and Pharmacy, Cluj-Napoca

P8. HEMATOLOGICAL CHANGES ENCOUNTERED IN DECOMPENSATED LIVER CIRRHOSIS

Luminița Matroș^{1,2}, Monica Ioana Ciontea¹, Manuela Tompa¹, Stanca-Lucia Pandrea^{1,2}, Andreea Monica Benea¹, Lia Sorina Pepelea²

¹Regional Institute of Gastroenterology and Hepatology (R.I.G.H.), Cluj-Napoca

²Department of Microbiology "Iuliu Hațieganu" University of Medicine and Pharmacy, Cluj-Napoca

P9. EFFECTS OF DIFFERENT METHODS OF COLLECTION FOR COMPLETE BLOOD COUNT PARAMETERS

Georgiana Văcărașu¹, Amalia Zăgan¹, Oana Oprea²

¹Târgu Mureș Emergency Clinical County Hospital, ²UMFST "G.E.Palade" Târgu Mureș

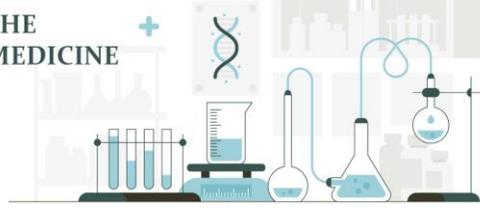
P10. IMMUNOLOGICAL EVALUATION OF VIRAL EXANTHEM between October 2023-March 2024, in Constanta Infectious Disease Clinic

Sergiu Dan Buzdugan¹, Bogdan-Florentin Nițu^{1,2}, Nicoleta Chipăilă¹, Nicola-Maria Militaru³, Iulia Dulgheru³, Dana Margareta Petcu¹, Nicoleta Lungu¹, Maria-Angela Tomozei¹, Roxana Ioana Dinica¹, Petronela-Anca Dumitrescu¹, Elena Dumea^{1,2}, Simona-Claudia Cambrea^{1,2}

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¹Clinical Hospital of Infectious Diseases Constanța, ²“Ovidius” University Constanța
³ County Clinical Emergency Hospital Constanța

P11. DIAGNOSTIC TESTING OF PEDIATRIC CELIAC DISEASE

Anatolie Vișnevschi, Ninel Revenco

Nicolae Testemitanu State University of Medicine and Pharmacy of the Republic of Moldova

P12. THE VALUE OF EOSINOPHILIA IN CHILD ALLERGIES

Grigore Camelia¹, Cristea Stefan¹, Barbu Andreea^{1,4}, Totan Maria^{1,2}, Grigore Nicolae^{2,3}

¹Sibiu Pediatric Clinical Hospital, ²Lucian Blaga University, Faculty of Medicine, ³Sibiu County Emergency Clinical Hospital, ⁴University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca

P13. THE ALLERGENS PROFILE AMONG PEDIATRIC PATIENTS IN THE TÂRGU MUREȘ AREA

Oana Pavelea^{1,2}, Adina Huțanu^{1,3}, Andreea Ciobanu¹, Minodora Dobreanu^{1,3}

¹Târgu Mureș County Emergency Clinical Hospital, Romania
² Doctoral School, George Emil Palade University of Medicine, Pharmacy, Sciences and Technology of Târgu Mureș
³Advanced Center for Medical and Pharmaceutical Research, George Emil Palade University of Medicine, Pharmacy, Sciences and Technology of Târgu Mureș

P14. VITAMIN D DEFICIENCY AND INFLAMMATORY RESPONSE

Fodor Marta Andrea^{1,2}, Cotoi Ionela¹, Huțanu Adina^{1,2}

¹“George Emil Palade” University of Medicine, Pharmacy, Science and Technology of Targu Mures, Department of Laboratory Medicine, ²Emergency Clinical County Hospital Targu Mures, Romania

P15. ROLE OF NLRP3 INFLAMMASOME IN PERIODONTAL DISEASE

Stănescu-Spînu Iulia-Ioana¹, Ilinca Radu¹, Miricescu Daniela¹, Spînu Tudor-Claudiu¹, Didilescu Andreea Cristiana¹

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

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P16. OXIDATIVE STRESS MARKERS USED IN THE EVALUATION OF DIFFERENT TYPES OF DENTAL RESTORATIONS

Grigorian Mircea¹, Buștiuc Steliana Gabriela¹, Raftu Gheorghe¹, Caraiane Aureliana¹, Bizanti Alexandra¹, Badea Florin Ciprian¹

¹ Faculty of Stomatology, "Ovidius" University from Constanța

P17. CORRELATION OF IL-6 VALUES WITH POSTOPERATIVE OUTCOMES IN GASTRIC CANCER SURGERY

Anca Alexandra Molnar (Lilea)^{1,2}, Adina Huțanu^{2,3}, Cătălin Cosma^{1,2}, Minodora Dobreanu^{2,3,4}

¹ Doctoral School of George Emil Palade University of Medicine, Pharmacy, Science, and Technology of Targu Mures, 540142, Romania

² Emergency Clinical County Hospital Targu Mures, 540136, Romania

³ Department of Laboratory Medicine, George Emil Palade University of Medicine, Pharmacy, Science, and Technology of Targu Mures, 540142, Romania

⁴ Center for Advanced Medical and Pharmaceutical Research, George Emil Palade University of Medicine, Pharmacy, Science, and Technology of Targu Mures, 540142, Romania

P18. FERRITIN, INTERLEUKIN-6 AND PROCALCITONIN AS POTENTIAL PREDICTORS OF MORTALITY IN ICU PATIENTS

Elena Cojocaru^{1,2}, Daniela Cristina Dimitriu^{1,3}, Marius Gabriel Dabija^{1,2}, Cristian Cojocaru¹

¹ "Grigore T. Popa" University of Medicine and Pharmacy, Iași, România

² "Prof. Dr. N. Oblu" Emergency Clinical Hospital, Iași, România

³ "Cuza Vodă" Clinical Hospital of Obstetrics and Gynaecology, Iași, România

P19. SERUM LEVELS OF CRP IN CHILDREN WITH SEVERE BURNS

Miricescu Daniela¹, Badoiu Silviu Constantin^{2,3}, Enescu Dan Mircea⁴, Tatar Raluca⁴, Greabu Maria¹, Stanescu Spinu Iulia-Ioana⁵, Jinga Viorel^{6,7}

¹ Disciplina de Biochimie, Facultatea de Stomatologie, Universitatea de Medicină și Farmacie Carol Davila

² Disciplina de Anatomie și Embriologie, Facultatea de Medicină, Universitatea de

Medicină și Farmacie "Carol Davila" ³ Disciplina de Chirurgie Plastică și

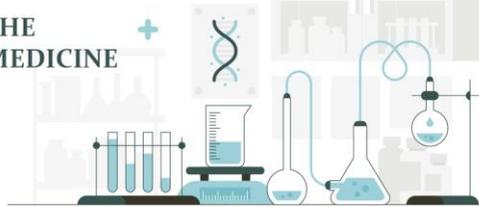
Reconstructivă, Spitalul Life Memorial ⁴ Disciplina de Chirurgie Plastică și

Reconstructivă, Spitalul Clinic de Urgență pentru Copii, Grigore Alexandrescu,

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Universitatea de Medicină și Farmacie “Carol Davila”⁵ Disciplina de Fiziologie,
Facultatea de Stomatologie, Universitatea de Medicină și Farmacie “Carol Davila”⁶
Disciplina de Urologie, Universitatea de Medicină și Farmacie “Carol Davila”⁷
Academia Oamenilor de Știință din România

P20. SERUM AND FECAL CALPROTECTIN AND ZONULIN – BIOMARKERS IN PARKINSON'S DISEASE

Daciana S. Marta^{1,2}, Laura Dumitrescu^{3,4}, Adela Dănuș^{3,4}, Delia Tulbă^{3,4}, Emilia Manole^{1,4}, Mihaela Gherghiceanu^{1,3}, Laura C. Ceafalan^{1,3}, Bogdan O. Popescu^{1,3,4}

¹Victor Babeș National Institute of Pathology, Bucharest, Romania, ²Faculty of Medicine, Titu Maiorescu University, Bucharest, Romania, ³Carol Davila University of Medicine and Pharmacy, Bucharest, Romania, ⁴Colentina Clinical Hospital, Bucharest, Romania

P21. BRONCHOPULMONARY DYSPLASIA – CLINICAL CASE

R. Dorobantu¹, L. Lele¹, B. Luncan²

¹University of Oradea, Faculty of Medicine and Pharmacy, Department of medical Disciplines, ²Neonatology Department, Bihor County Hospital, Romania

19.30 WELCOME COCKTAIL – EUROPA HOTEL



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THURSDAY - MAY 16TH

08.30-11.00 SESSION 3 | TUMOR MARKERS

Chairs: Assoc. Prof. Cristina Mambet, Dr. Daniela Jitaru

08.30 **R9. MYELOID NEOPLASMS ACCOMPANIED BY EOSINOPHILIA**

08.50 *Cristina Mambet^{1,2,3}, Patricia Pîrvan¹, Stejara-Nicoleta Mihai¹ Cristina
Tatiana Enache^{1,2}, Ana Maria Vlădăreanu^{1,2}*

¹ Universitatea de Medicină și Farmacie "Carol Davila" București

² Clinica de Hematologie, Spitalul Universitar de Urgență București

³ Institutul de Virusologie "Ștefan S Nicolau" București

08.50 **C3. CYTOMORPHOLOGY IN ONCOLOGICAL PATIENTS**

09.00 **HEMOPHAGOCYTTIC LYMPHOHISTIOCYTOSIS, A CHALLENGE IN DIAGNOSTIC**

*Raluca-Elena Oană, Alina Veringu, Mihaela Zlei, Mihaela Mentel, Angela
Dăscălescu, Daniela Jitaru*

Iasi Regional Institute of Oncology

09.00 **R10. SENESCENCE AND CELL DEATH INDUCED BY ALKYLATING DRUGS IN GLIOBLASTOMA THERAPY**

Bernd Kaina

Institute of Toxicology, University Medical Center, Mainz, Germany

09.20 **C4. TREATMENT- RESISTANT CANCERS: A PROPOSED WORKFLOW 09.30 FOR THERAPY SCREENING BASED ON DATASETS AND BIOINFORMATIC TOOLS**

Monica Dugășescu^{1,2}, Andra-Maria Păun², Iulia Andrei-Bitere¹

¹ Fundeni Clinical Institute, Bucharest

² Faculty of Biology, University of Bucharest, Bucharest

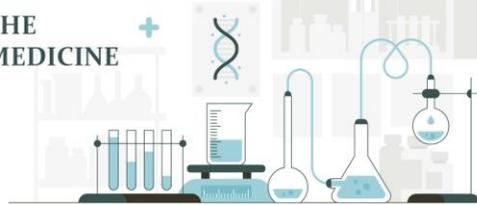
09.30 **C5. METHYLATION PROFILE OF CIRCULATING CELL FREE DNA 09.40 USING NANOPORE SEQUENCING**

*Karina-Alexandra Cojocaru ¹, Lucian-Mihai Antoci ², Roxana Popescu ²,
Georgeta Liliana Foia^{1,3}*

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¹ Department of Biochemistry, University of Medicine and Pharmacy
Grigore T. Popa Iasi

² Department of Medical Genetics, University of Medicine and Pharmacy
Grigore T. Popa Iasi

³ St. Spiridon Iasi County Emergency Clinical Hospital

09.40 **R11. NGS TESTING IN COLORECTAL CANCER – IRO IAȘI** 10.00 **DIAGNOSTIC LABORATORY EXPERIENCE.**

I.C. Ivanov¹, Adriana Sireteanu¹, Iuliana Strugariu¹, Mihaela Loredana Dragos¹, Mihaela Mentel¹, Claudia Gorovei¹, Mihaela Zlei¹, Carmen Cozmei¹, Elena Nisioi¹, Angela Dascalescu^{2,3}, C. Danaila^{2,3}, I. Antohe², Gabriela Dorohoi³, Daniela Jitaru¹

¹Laboratory of Molecular Diagnostic, Regional Institute of Oncology, Iasi, Romania

²University of Medicine and Pharmacy, “Gr. T. Popa”, Iasi, Romania

³Hematology Clinic, Regional Institute of Oncology, Iasi, Romania

10.00 **SNIBE SYMPOSIUM | THE DIAGNOSTIC ROLE OF GP73 IN LIVER** 11.00 **FIBROSIS**

Prof. Tommaso Trenti

Director of Department of Laboratory Medicine, OCSAE, Azienda USL of Modena, Italy

11.00-11.20 Coffee Break

11.20-13.30 SESSION 4 | ADVANCED METHODS IN HEMATO-ONCOLOGY Chairs: Dr. Daniela Jitaru, Biol. Dr. Iuliu Ivanov

11.20 **R12. NGS IN MALIGNANT HEMOPATHIES. TECHNICAL APPROACHES –** 11.40 **ADVANTAGES AND DISADVANTAGES**

I.C. Ivanov¹, Adriana Sireteanu¹, Iuliana Strugariu¹, Mihaela Loredana Dragos¹, Mihaela Mentel¹, Claudia Gorovei¹, Mihaela Zlei¹, Carmen Cozmei¹, Elena Nisioi¹, Stefan Madalina¹, Angela Dascalescu^{2,3}, C. Danaila^{2,3}, I. Antohe², Gabriela Dorohoi³, Daniela Jitaru¹

¹ Laboratory of Molecular Diagnostic, Regional Institute of Oncology, Iasi, Romania

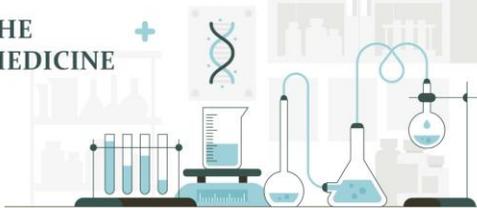
² University of Medicine and Pharmacy, “Gr. T. Popa”, Iasi, Romania

³ Hematology Clinic, Regional Institute of Oncology, Iasi, Romania

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11.40 C6. IDENTIFICATION OF GENOMIC VARIANTS IN AML USING NGS 11.50 SEQUENCING

Andreea-Alexandra Ureche-Fotea¹, Ștefania-Andreea Negru¹, Eugen Radu^{1,2}

¹Molecular Pathology Laboratory, Emergency University Hospital of Bucharest

²Microbiology III Department, University of Medicine and Pharmacy "Carol Davila" Bucharest

11.50 C7. QUANTIFICATION of HEMATOPOIETIC CHIMERISM after 12.00 TRANSPLANTATION by STR-PCR and QPCR

Loredana Mihaiela Dragos¹, I.C. Ivanov¹, Elena Nisioi¹, Madalina Stefan¹, Mihaela Mentel^{1,4}, Mihaela Zlei¹, Claudia Gorovei¹, Amalia Titianu^{2,3}, Angela Smaranda Dascalescu^{2,3}, Daniela Jitaru¹

¹Molecular Diagnosis Department, Regional Institute of Oncology, Iasi, Romania;

²Department of Hematology, Regional Institute of Oncology, Iasi, Romania;

³Department of Hematology, "Grigore T. Popa" University of Medicine and Pharmacy, Iasi, Romania;

⁴TRANSCEND, Regional Institute of Oncology, 700483 Iasi, Romania

12.00 R13. CHROMOSOMAL ABNORMALITIES IN MYELODYSPLASTIC 12.20 SYNDROMES - KARYOTYPE, FISH VERSUS MLPA

I.C. Ivanov¹, Adriana Sireteanu¹, Iuliana Strugariu¹, Mihaiela Loredana Dragos¹, Mihaela Mentel¹, Claudia Gorovei¹, Mihaela Zlei¹, Carmen Cozmei¹, Elena Nisioi¹, Angela Dascalescu^{2,3}, C. Danaila^{2,3}, I. Antohe², Gabriela Dorohoi³, Daniela Jitaru¹

¹Laboratory of Molecular Diagnostic, Regional Institute of Oncology, Iasi, Romania

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

³Hematology Clinic, Regional Institute of Oncology, Iasi, Romania

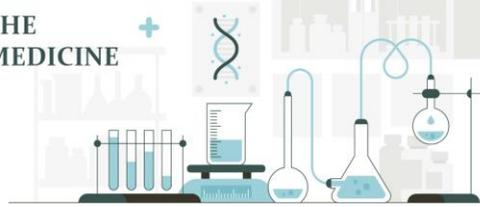
12.20 R14. BCR/TCR MONOCLONALITY TESTING IN HEMATO- 12.40 ONCOLOGICAL PATHOLOGY

Daniela Jitaru¹, Adriana Sireteanu¹, Iuliana Strugariu¹, Mihaiela Loredana Dragos¹, Mihaela Mentel¹, Claudia Gorovei¹, Mihaela Zlei¹, Carmen Cozmei¹,

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Elena Nisioi¹, Angela Dascalescu^{2,3}, C. Danaila^{2,3}, I. Antohe², Gabriela Dorohoi³, Ivanov Iuliu¹

¹ Laboratory of Molecular Diagnostic, Regional Institute of Oncology, Iasi, Romania

² University of Medicine and Pharmacy, “Gr. T. Popa”, Iasi, Romania

³ Hematology Clinic, Regional Institute of Oncology, Iasi, Romania

12.40 **C8. THE EVALUATION OF THERAPEUTIC RESPONSE IN**

12.50 **HAEMATOLOGICAL MALIGNANCIES BY FLOW CYTOMETRY**

Mentel Mihaela^{1,2}, Grigoras E. Grigoras¹, Zlei Mihaela¹, Dragos M. Loredana¹, Nisioi Elena¹, Ivanov C. Iuliu¹, Veringu M. Alina¹, Oană E. Raluca¹, Jitaru Daniela¹

1. Medical Analysis Laboratory, Regional Institute of Oncology, Iasi, Romania

2. Center for Fundamental Research and Experimental Development in Translation Medicine—TRANSCEND, Regional Institute of Oncology, Iasi, Romania

12.50 **MEDLIFE SYMPOSIUM | COMPREHENSIVE GENOMIC**

13.00 **CHARACTERIZATION OF CANCER - THE CENTRAL METHOD IN THE ERA OF PERSONALIZED MEDICINE**

Dumitru Jordan (PhD)

13.00 **ABBOTT SYMPOSIUM | PRINCIPLE OF ARTIFICIAL INTELLIGENCE**

13.30 **TRANSLATED INTO INNOVATIVE LABORATORY IT SOLUTIONS IVD CERTIFIED**

Florian Lange

Abbott Germany

13.30-14.35 **Lunch Break**

14.35- **MEDIST SYMPOSIUM | NGS DATA ANALYSIS AND VARIANT**

15.00 **INTERPRETATION**

Laura Macias

Product Manager Varsome Clinical, Saphetor (Switzerland)

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15.00-17.00 SESSION 5 | BIOMARKERS IN CARDIOVASCULAR DISEASES

Chair: Prof. Sanja Stankovic, Prof. Tommaso Trenti

15.00 **R15. HIGH-SENSITIVITY CARDIAC TROPONIN I FOR** 15.20 **CARDIOVASCULAR RISK STRATIFICATION IN APPARENTLY** **HEALTHY INDIVIDUALS**

Sanja Stankovic^{1,2}

¹Center for Medical Biochemistry University Clinical Center of Serbia, Belgrade, Serbia

²Department of Biochemistry, Faculty of Medical Sciences, University of Kragujevac, Serbia

15.20 **R16. METABOLIC SYNDROME BIOMARKERS**

Tommaso Trenti

OCSAE, Azienda USL of Modena, Modena, Italy

15.40 **C9.THE ASSOCIATION BETWEEN THE PON1 GENES RS662 AND** 15.50 **RS854560 WITH THE METABOLIC SYNDROME IN PATIENTS WITH** **OBESITY**

Stanislav Alexandra Alina¹,

¹Departamentul de Biochimie, Laboratorul de analize medicale, Spitalul Județean de urgentă Giurgiu, Giurgiu, România

15.50 **C10. DEFINING THE PREVALENCE OF CARDIOVASCULAR DISEASE** 16.00 **RISK – THE ROLE OF SCREENING TESTS**

Antoanela Curici^{1,2}, Gabriela-Irina Marinescu¹, and Ana Corina Ionescu^{1,3,4}

¹ Synevo Romania, 021408, Bucharest, Romania

² Department of Cellular and Molecular Biology and Histology, "Carol Davila" University of Medicine and Pharmacy, 050474 Bucharest, Romania

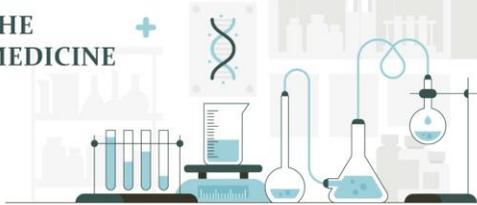
³ Department of Oncological Radiotherapy and Medical Imaging, "Carol Davila" University of Medicine and Pharmacy, 020021 Bucharest, Romania.

⁴ Department of Radiotherapy, Colțea Clinical Hospital, 030167 Bucharest, Romania

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16.00 **C11. THE RELATIONSHIP BETWEEN ATHEROGENIC INDEX OF
16.10 PLASMA AND SERUM URIC ACID CONCENTRATION IN GENERAL
POPULATION**

Mirela Victoria Tătaru¹, Ioannis Otheitis², Marialena Misailidou¹

¹Microbiology Laboratory, K.Y.Spaton, Attica, Greece

²Otheiti Microbiology Laboratory, Chalandri, Attica, Greece

16.10 **C12. QUANTITATIVE ASSESSMENT OF PLASMA MICRO-RNA IN
16.20 CARDIAC PATHOLOGY**

Ștefania-Andreea Negru¹, Andreea-Alexandra Ureche-Fotea¹, Eugen Radu^{1,2}

¹Molecular Pathology Laboratory - Bucharest Emergency University Hospital

²Microbiology III Department, University of Medicine and Pharmacy “Carol Davila” Bucharest

16.20 **C13. MACHINE LEARNING APPROACH IN PREDICTION OF
16.30 TROMBOSIS RISKS IN CARDIAC PATIENTS**

Sabrina Danciu^{1,4}, Raluca Dumache^{2,3}, Alexandra Enache^{2,3}, Daniela Ștefania Grecu^{1,2}, Marina Adriana Mercioni⁵, Cristina Tudoran^{2,4}

¹Medical laboratory - Timiș County Emergency Clinical Hospital “Pius Brînzeu”

²“Victor Babeș” University of Medicine and Pharmacy Timișoara,

³Institute of Forensic medicine Timișoara, ⁴Timiș County Emergency Clinical Hospital “Pius Brînzeu”, ⁵Polytechnic University of Timisoara

16.30 **C14. THE IMPORTANCE OF PLATELET INDICES IN THE
16.40 TREATMENT OF PATIENTS WITH NON-VALVULAR ATRIAL
FIBRILLATION**

Olga Bernaz, Anatolie Vișnevschi, Livi Grib

USMF „Nicolae Testemițanu, Chișinău, Republic of Moldova

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16.40 **R17. THE ROLE OF BIOCHEMICAL DETERMINATIONS IN THE** 17.00 **EVALUATION OF INBORN ERRORS OF METABOLISM**

Dimitriu Daniela Cristina^{1,2}, *Ciobanu Corina*¹, *Mitu Ivona*¹

¹Department of Biochemistry, "Grigore T. Popa" University of Medicine and Pharmacy, 700115 Iasi, Romania

²Obstetrics and Gynecology Hospital-Cuza Voda, 700038 Iasi, Romania

17.00-17.30 Coffee Break

17.30-19.00 SESSION 6 | ADVANCES IN TRANSPLANT IMMUNOLOGY

Chair: Prof. Ileana Constantinescu

17.30 **R18. UPDATES IN HLA GENOTYPING: AN ANALYSIS OF THE** 17.50 **IMPACT ON RENAL TRANSPLANT COMPATIBILITY AND SURVIVAL**

Adriana Tălăngescu^{1,2}, *Corina Rotarescu*^{1,2}, *Ion Maruntele*^{1,2} și *Ileana Constantinescu*^{1,2,3,4}

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

²Center for Immunogenetics and Virology Center, Fundeni Clinical Institute, Bucharest, Romania

³Academy of Romanian Scientists (AOSR), Bucharest, Romania

⁴"Emil Palade" Center of Excellence for Initiating Young People in Scientific Research, AOSR, Bucharest, Romania

17.50 **R19. THE ROLE OF ANTI-HLA SCREENING AND IDENTIFICATION IN** 18.10 **THE MANAGEMENT OF IMMUNOSUPPRESSION IN RENAL TRANSPLANTATION**

Măruntele Ion^{1,2}, *Rotărescu Corina*^{1,2}, *Tizu Maria*^{1,2}, *Nedelcu Filofteia*², *Toader Maria Adela*², și *Constantinescu Ileana*^{1,2,3,4}

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

²Center for Immunogenetics and Virology Center, Fundeni Clinical Institute, Bucharest, Romania

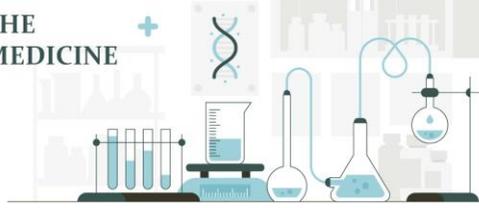
³Academy of Romanian Scientists (AOSR), Bucharest, Romania

⁴"Emil Palade" Center of Excellence for Initiating Young People in Scientific Research, AOSR, Bucharest, Romania

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18.10 **R20.EXPLORING MiRNA AS BIOMARKERS IN RENAL**
18.30 **TRANSPLANTATION: IMPLICATIONS FOR PROGNOSIS AND**
PERSONALIZED THERAPY

Constantinescu Ileana^{1,2,3,4}, Mărunțelu Ion^{1,2}, Rotărescu Corina^{1,2}, Tizu Maria^{1,2} și Constantinescu Alexandra-Elena^{1,4}

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

²Center for Immunogenetics and Virology Center, Fundeni Clinical Institute, Bucharest, Romania

³Academy of Romanian Scientists (AOSR), Bucharest, Romania

⁴"Emil Palade" Center of Excellence for Initiating Young People in Scientific Research, AOSR, Bucharest, Romania

18.30 **R21.THE IMPACT OF VIREMIAS IN KIDNEY TRANSPLANTATION:**
18.50 **CURRENT AND FUTURE APPROACHES**

Rotărescu Corina^{1,2}, Mărunțelu Ion^{1,2}, Tizu Maria^{1,2} și Constantinescu Ileana^{1,2,3,4}

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

²Center for Immunogenetics and Virology Center, Fundeni Clinical Institute, Bucharest, Romania

³Academy of Romanian Scientists (AOSR), Bucharest, Romania

⁴"Emil Palade" Center of Excellence for Initiating Young People in Scientific Research, AOSR, Bucharest, Romania

18.50 **C15. GENETIC NEONATAL SCREENING FOR SPINAL MUSCULAR**
19.00 **ATROPHY AT ROBĂNESCU CENTER**

Ecaterina Bercu¹, Oana Mirabela Balanescu¹, Alina Mirela Nicut¹, Elena Neagu¹, Elena-Silvia Shelby¹, Cristian Bercu¹, Madalina Cristina Leanca¹, Daniela Vasile¹, Florin Petru Grigoras¹, Mihaela Badina¹, Liliana Padure^{1,2}, Andrada Mirea^{1,2}

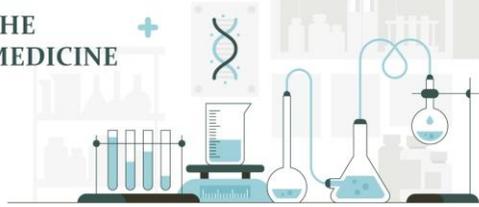
¹National Clinical Center for Children Neurorehabilitation "Dr. Nicolae Robănescu", Bucharest

²University of Medicine and Pharmacy "Carol Davila"

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FRIDAY - MAY 17TH

08.30-10.30 SESSION 7 | MICROBIOLOGY 1

Chairs: Assoc. Prof. Irina Codiță, Assoc. Prof. Gabriel Ionescu

08.30 **R22. CHALLENGES FOR THE MICROBIOLOGY LABORATORY IN**

08.50 **COMMUNICATING EXAMINATION RESULTS**

Gabriel Ionescu

Cantacuzino National Military Medical Institute for Research and Development, University of Medicine and Pharmacy "Carol Davila", Bucharest

08.50 **R23. GUT-MICROBIOME INDUCED INFLAMMATION IN**

09.10 **INFLAMMATORY BOWEL DISEASE**

Stephen Malnick^{1,2}, Manuela G. Neuman³

¹Department of Internal Medicine C, Kaplan Medical Center, Rehovot, 76100, Israel (Affiliated with The Hebrew University, Hadassah, Jerusalem, Israel)

²Institute of Gastroenterology, Kaplan Medical Center, Rehovot, 76100, Israel

³*In Vitro* Drug Safety and Biotechnology and Department of Pharmacology and Toxicology, University of Toronto, Ontario, Canada

09.10 **C16. TWO YEARS OF SURVEILLANCE OF HUMAN ISOLATES OF**

09.20 **SALMONELLA ENTERICA BY SEQUENCING THE WHOLE BACTERIAL GENOME**

Oprea Mihaela¹, Cristea Daniela², Dinu Sorin¹, Popa Laura-Ioana³, Ghiță Andreea², Iordache Ramona-Ionela¹, Condei Maria¹, Militaru Mădălina¹, Rusu Lavinia-Cipriana⁴, Usein Codruța-Romanîța¹

¹ Cantacuzino National Institute for Medical-Military Research and Development, Laboratory of Molecular Epidemiology for Communicable Diseases, Bucharest

² Cantacuzino National Institute for Medical-Military Research and Development, Bacterial Enteric Infections Laboratory, Bucharest

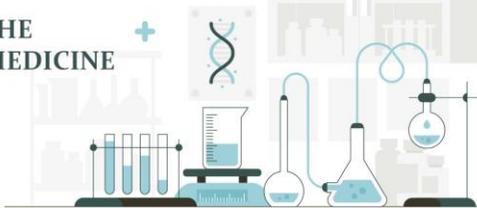
³ Cantacuzino National Institute for Medical-Military Research and Development, Genomics, Transcriptomics and Bioinformatics Platform

⁴ National Institute of Public Health, Bucharest

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09.20 **R24. PHARYNGEAL SWAB: TO TEST OR NOT TO TEST**
09.40 **EXTENSIVELY?**

Irina Codita

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

09.40 **C17. RAPID GROUP B STREPTOCOCCUS DETECTION IN PREGNANT**
09.50 **WOMEN WITH A NOVEL MOLECULAR BIOLOGY METHOD IN A**
CLINICAL SETTING

*Alina Voicu¹, Maria Istrate¹, Monica Dugășescu^{2,3}, Diana F. Becheru^{2,4},
Lorena-Andreea Bocancia-Mateescu², Dana Stan²*

¹Polizu Maternity, National Institute for Mother and Child Health
"Alessandrescu-Rusescu", Bucharest

²DDS Diagnostic, Bucharest, ³Fundeni Clinical Institute, Bucharest,

⁴Faculty of Chemical Engineering and Biotechnologies, National
University of Science and Technology Politehnica, Bucharest, Bucharest

09.50 **C18. THE MDR STRAINS SURVEILLANCE AT CUZA VODA**
10.00 **OBSTETRICS AND GYNECOLOGY HOSPITAL, IASI**

Ramona Gabriela Ursu^{1,2}, Mirela Brașov², Daniela Cristina Dimitriu^{2,3}

¹Department and Preventive Medicine and Interdisciplinarity (IX) -
Microbiology, Faculty of Medicine, "Grigore, T. Popa" University of
Medicine and Pharmacy, 700115 Iasi,

²Gynecology and Obstetrics Hospital-Cuza Voda, 700038 Iasi, Romania

³Department of Biochemistry, "Grigore T. Popa" University of Medicine
and Pharmacy, 700115 Iasi, Romania

10.00 **C19. HPV TESTING, PCR VERSUS HC2 - IRO IASI EXPERIENCE**

10.10 *Cristina Mădălina Ștefan*, Mihaela Loredana Dragoș*, Iuliu Cristian
Ivanov*, Daniela Jitaru**

* Regional Oncology Institute, Iași, România

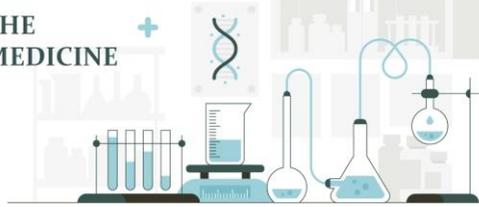
10.10 **MEDIST SYMPOSIUM | PRECISION DIAGNOSTICS GUIDING CLINICAL**
10.30 **DECISIONS**

Katie Shepherd, B. Sc. (Hons), Clinical Specialist, Nonacus (UK)

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FRIDAY | 8.30-10.00

MOLECULAR DIAGNOSTICS AND ITS APPLICATIONS IN THE CLINICAL LABORATORY

FUNDENI RESIDENTS SESSION - RALM CONFERENCE 2024

- Sanger sequencing: Dr. Ion Mărunțelu
- Next Generation Sequencing: Biolog Principal Adriana Tălăngescu
- Nanopore Sequencing Technique: Biolog Principal Adriana Tălăngescu

10.30-11.00 Coffee Break

11.00-12.40 SESSION 8 | PROFESSIONAL GUIDELINES

Chair: Prof. Minodora Dobreanu

11.00 **C20. RECOMANDAREA COMUNĂ EFLM-COLABIOCLI PENTRU
11.10 RECOLTAREA SÂNGELUI VENOS**

Adina Huțanu, Oana Oprea, Traducerea - Simundic AM, of the European Federation of Clinical Chemistry and Laboratory Medicine (EFLM) and Latin American Working Group for Preanalytical Phase (WG-PRE-LATAM) of the Latin America Confederation of Clinical Biochemistry (COLABIOCLI) v 1.1, iunie 2018. Rev Romana Med Lab. 2024;32(1):9-32. DOI:10.2478/rrlm-2024-0004

11.10 **C21. COAGULATION TESTS GUIDELINE**

11.20 *Ioana Brudașcă*
UMF Iuliu Hațieganu Cluj Napoca

11.20 **C22. PROPOSAL FOR A BLOOD SMEAR GUIDELINE -
11.30 NOMENCLATURE AND INTERPRETATION OF THE
MORPHOLOGICAL CHANGES OF THE RED BLOOD CELLS**

Elena- Cristina Selicean (on behalf of the IOCN Medical Analysis Laboratory)
Oncology Institute Prof. Dr. Ion Chiricuță Cluj-Napoca

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11.30 **C23. LYMPHOCYTE SCREENING BY FLOW CYTOMETRY - DECISION
11.40 FLOWCHART FROM CLINICAL SUSPICION TO LABORATORY TEST
REPORT**

*Mihaela Zlei, Mihaela Mentel, Claudia Grigoras, Raluca Elena Oana,
Mirela Alina Veringu, Daniela Jitaru*

Medical Laboratory, Regional Institute of Oncology, Iasi, Romania

11.40 **C24. URINE ANALYSIS GUIDELINE**

11.50 *Oana Oprea, Cristina Preda*

UMFST Targu Mures, SCJU Targu Mures

11.50 **C25. QUANTIFYING ATHEROGENIC LIPOPROTEINS FOR LIPID-
12.00 LOWERING STRATEGIES: CONSENSUS-BASED RECOMMENDATIONS
FROM EAS AND EFLM.**

Pal Krisztina¹, Ion-Bogdan Manescu^{1,2}, Minodora Dobreanu^{1,2}

1 UMFST Targu Mures, 2 SCJU Targu Mures

12.00 **C26. REFERENCE INTERVALS vs CLINICAL DECISION LIMITS -
12.10 DISTINCT TERMS**

Minodora Dobreanu^{1,2}, Oana Oprea^{1,2}

1 UMFST Targu Mures, 2 SCJU Targu Mures

12.10 **HEMOLAB SYMPOSIUM | "STANDARDIZATION OF TROMBOPHILIA
12.40 TESTING: UNFINISHED SYMPHONY"**

Dr. Vajda Zoltán

12.40-14.00 Lunch Break

14.00-15.30 SESSION 9 | MICROBIOLOGY 2 – MOLECULAR BIOLOGY

Chairs: Prof. Adrian Man, Assoc. Prof Roxana Filip

14.00 **R25. DIAGNOSTIC STEWARDSHIP IN MOLECULAR BIOLOGY**

14.20 *Roxana Filip^{1,2}*

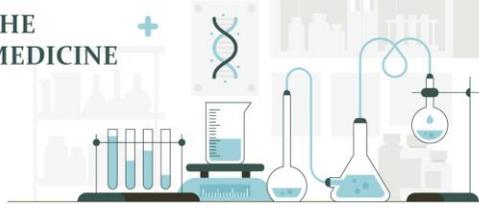
¹"Sf. Ioan cel Nou" Suceava Emergency County Hospital, Suceava

²Faculty of Medicine and Biological Sciences, "Stefan cel Mare Suceava
University"

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- 14.20 **C27. RPA PRIMERS FOR ISOTHERMAL AMPLIFICATION IN**
14.30 **CLINICAL PATHOGEN DETECTION**
Cosmin-Florentin Niculae¹, Melania Popescu², Mădălina Cîrnu¹, Monica Simion², Eugen Radu,^{1,3}
¹Molecular Pathology Laboratory – Bucharest Emergency University Hospital
²National Institute for Research and Development in Microtechnologies – IMT Bucharest
³Microbiology Department, University of Medicine "Carol Davila" and Pharmacy Bucharest
- 14.30 **R26. MOLECULAR CHARACTERIZATION OF STAPHYLOCOCCUS**
14.50 **AUREUS NASAL CARRIAGE AMONG MEDICAL PERSONNEL: INSIGHTS FOR INFECTION CONTROL**
Adrian Man¹, Emanuela Patricia Vântu², Anastasia Simion¹
¹Department of Microbiology, *George Emil Palade* University of Medicine, Pharmacy, Science and Technology of Targu Mures
²Master student, *George Emil Palade* University of Medicine, Pharmacy, Science and Technology of Targu Mures
- 14.50 **C28. CHARACTERIZATION OF CLINICAL ISOLATES OF**
15.00 **STAPHYLOCOCCUS AUREUS USING BACTERIAL WHOLE GENOME SEQUENCING**
Drăgulescu Elena-Carmina¹, Oprea Mihaela¹, Popa Laura-Ioana¹, Dinu Sorin¹, Cotar Ani-Ioana¹, Buzea Mariana², Cașotă Cristiana², Filipov Marilena², Codiță Irina¹
¹Cantacuzino National Institute of Medical-Military Research-Development Bucharest, Romania
²Elias University Emergency Hospital, Bucharest, Romania
- 15.00 **C29. WHOLE GENOME SEQUENCING IDENTIFICATION OF *BLADHA-1***
15.10 **GENE IN *K. PNEUMONIAE* ISOLATE**
Cosmin-Florentin Niculae¹, Andrei-Alexandru Muntean^{2,3}, Alina-Mihaela Stoica¹, Eugen Radu^{1,3}
¹Molecular Pathology Laboratory – Bucharest Emergency University Hospital
²National Institute of Research & Development for Microbiology & Immunology "Cantacuzino"

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³Microbiology Department, University of Medicine "Carol Davila" and Pharmacy Bucharest

15.10 **C30. HIGH-RISK ANTIMICROBIAL RESISTANT *KLEBSIELLA***
15.20 ***PNEUMONIAE* CLONES IN ROMANIA WITHIN EURGen-Net CCRE SURVEY 2020-2021**

Brîndușă-Elena Lixandru¹, Daniela Cristea¹, Codruța Usein¹, Otilia Banu², Elvira Ianculescu³, Mariana Buzea⁴, Maria Nica⁵, Irina Nistor⁶, Daniela Talapan⁷, Marina Indreas⁸, Cristina Tuchilus⁹, Edith Szekely¹⁰, Roxana Șerban¹¹, Irina Codîța¹²

¹„Cantacuzino” National Military Medical Institute for Research and Development, Bucharest

² "C.C. Iliescu" Cardiovascular Diseases Institute, Bucharest, ³ Fundeni Clinical Institute, Bucharest, ⁴ „Elias” Emergency University Hospital, Bucharest, ⁵ "Victor Babeș" Clinical Hospital for Infectious and Tropical Diseases, Bucharest, ⁶ "Grigore Alexandrescu" Emergency Clinical Hospital for Children, Bucharest

⁷ "Prof. Dr. Matei Balș" National Institute of Infectious and Tropical Diseases, Bucharest

⁸ County Emergency Clinical Hospital, Bacău, ⁹ Emergency County Clinical Hospital "St. Spiridon", Iași

¹⁰ County Emergency Clinical Hospital Târgu-Mureș, ¹¹ National Institute of Public Health, National Center for Communicable Disease Control and Surveillance, Bucharest, ¹² "Carol Davila" University of Medicine and Pharmacy, Bucharest

15.20 **C31. MULTI-DRUG-RESISTANT *KLEBSIELLA PNEUMONIAE* STRAINS**
15.30 **ISOLATED IN IRO IAȘI; THERAPEUTIC OPTIONS AND THE IMPORTANCE OF RAPID DETECTION IN THE MANAGEMENT OF INFECTION**

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

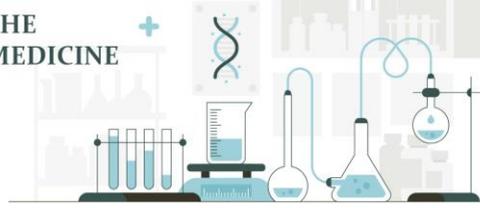
Iasi Regional Institute of Oncology

15.30-16.00 Coffee Break

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16.00-17.00 POSTER SESSIONS 3-4

Chairs: Prof. Daniela Cristina Dimitriu, Assoc. Prof. Roxana Filip

P22. LIVER FUNCTION DISORDERS IN PATIENTS WITH PULMONARY TUBERCULOSIS AND DIABETES MELLITUS

Marina Reabiseva, Valeriana Pantea, Anatolie Visnevschi

State University of Medicine And Pharmacy “Nicolae Testemițanu” Of The Republic Of Moldova

P23. RISK ASSESSMENT OF INR ALERT VALUES

Corina-Maria Rus¹, Oana-Roxana Oprea^{1,2}

¹ Emergency Clinical County Hospital Târgu Mureș, ² UMFST GE Palade Târgu Mureș

¹Medical Analysis Laboratory, Emergency Clinical Hospital “Prof. Dr.A.Ionescu” Romania

²Department of Internal Medicine, Emergency Clinical Hospital “Prof. Dr.A.Ionescu” Romania

P24. "UNDETECTABLE" ACTIVATED PARTIAL THROMBOPLASTIN TIME IN CORRELATION WITH SIGNALING CODES

Carmen Delianu^{1,2}, Daniel Vasile Timofte^{1,2}, Loredana Liliana Hurjui^{1,2}, Ion Hurjui¹, Larisa Dănăilă^{1,2}, Liliana Foia^{1,2}

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

²Emergency County Clinical Hospital “Sf. Spiridon”, Iasi, Romania

P25. EARLY IDENTIFICATION OF CKD PATIENTS: A COMPARATIVE ANALYSIS OF eGFR FORMULAS

Preda Elena-Cristina^{1,2}, Oprea Oana^{1,2}, Barabas Albert Zsolt¹, Simion Ioana Paula¹, Dobreanu Minodora^{1,2}

¹ George Emil Palade University of Medicine, Pharmacy, Science, and Technology of Târgu Mureș

² Emergency Clinical County Hospital Târgu Mureș

P26. ACTIVITY OF ARS A AND B, B-GLUCORONIDASE, B-GALACTOSIDASE, N-ACETYL-B-GLUCOSAMINIDASE, ELASTASE, IN CHRONIC OBSTRUCTIVE AND NONOBSTRUCTIVE PYELONEPHRITIS

Vera Sali^{1,2}, A. Burlă³

¹State Medical and Pharmaceutical University "Nicolae Testemitanu", Chișinău,

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Moldova

²Republican Clinical Hospital „Timofei Moșneaga”, Chișinău, Moldova

³Siret Hospital for Chronic Diseases, Siret, România

P27. URINE ALKALINE PHOSPHATASE ACTIVITY IN CHRONIC PYELONEPHRITIS

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P28. PERIANAL ABSCESS: QUADRUPLE BACTERIAL ETIOLOGY

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P29. LESS FREQUENT BACTERIA CAUSING SEPSIS AND BACTEREMIA FROM A TERTIARY CARE HOSPITAL OVER A 7-YEAR PERIOD

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P30. ANTIBIOTIC RESISTANCE PROFILES OF PROVIDENCIA SPECIES ISOLATED FROM HOSPITALIZED PATIENTS

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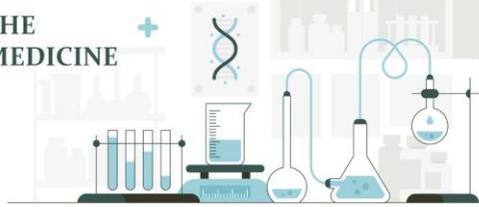
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P31. THE INCIDENCE OF BACTERIA WITH MULTIPLE RESISTANCE TO ANTIBIOTICS IN THE PERIOD 2019-2023

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P32. THE IMPORTANCE OF THE QRT-PCR METHOD AND MULTIPLEX TESTING IN THE RAPID DIAGNOSIS OF PEDIATRIC MENINGITIS

Lucian-Daniel Peptine, Andreea-Eliza Zaharia, Gabriela Gurău, Alina-Viorica Iancu, Cosmin-Răducu Răileanu, Elena-Roxana Matache, Nicoleta-Maricica Maftai

“Dunărea de Jos” University of Galati, Faculty of Medicine and Pharmacy

P33. MANAGING PATIENTS WITH SEPSIS - THE IMPORTANCE OF MASS SPECTROMETRY (MALDI-TOF)

Bogdan-Florentin Nițu^{1,2}, Licdan Curtali¹, Nicoleta Chipăilă¹, Nicola-Maria Militaru³, Iulia Dulgheru³, Petronela-Anca Dumitrescu¹, Elena Dumea^{1,2}, Simona-Claudia Cambrea^{1,2}

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P34. CANDIDA AURIS, A NEW PATHOGEN IDENTIFIED USING MASS SPECTROMETRY

Roxana Ioana Dinică¹, Nicoleta Chipăilă¹, Bogdan-Florentin Nițu^{1,2}, Elena Dumea^{1,2}, Nicola-Maria Militaru¹, Petronela Anca Dumitrescu¹, Nicoleta Lungu¹, Maria-Angela Tomozei¹, Sergiu Dan Buzdugan¹, Carmen Ilie Șerban¹, Claudia Simona Cambrea^{1,2}, Irina Magdalena Dumitru^{1,2},

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P35. A HIGHLY ACCURATE APPROACH USING MULTIPLEX REAL-TIME PCR FOR DETECTING INFLUENZA A AND INFLUENZA B VIRUSES AND RESPIRATORY SYNCYTIAL VIRUS

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17.00-18.00 Closing Ceremony | RALM General Assembly