



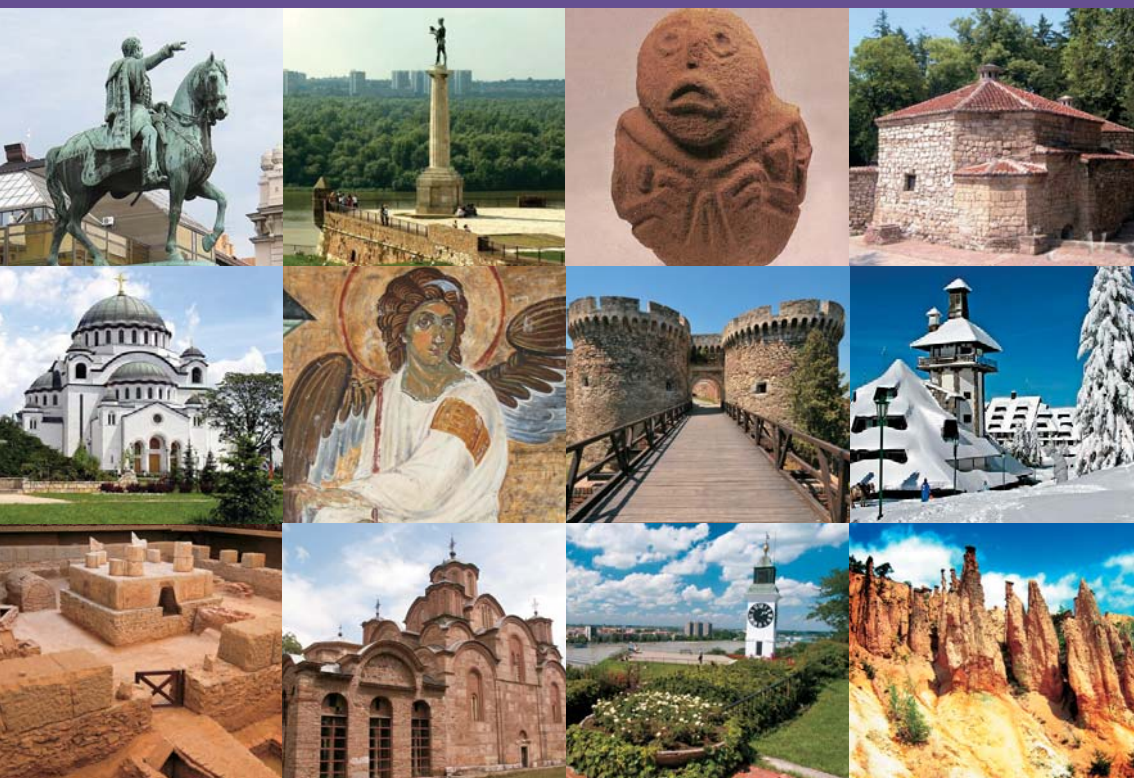
BCLF 2012 BELGRADE MEETINGS

20th Meeting of the Balkan Clinical Laboratory Federation

8th EFLM Symposium for Balkan Region

18th Congress of Medical Biochemists of Serbia

FINAL PROGRAMME



www.bclf2012.org

September 18–22, 2012

Best Western Hotel M, Belgrade, Serbia



AUSPICES

**20th Meeting of the Balkan Clinical Laboratory Federation
8th EFLM Symposium for the Balkan Region
18th Congress of Medical Biochemists of Serbia**

is organized under the Auspices of the

***International Federation of Clinical Chemistry and
Laboratory Medicine (IFCC)***

***European Federation of Clinical Chemistry
and Laboratory Medicine (EFLM)***

Balkan Clinical Laboratory Federation (BCLF)

Ministry of Education and Science of Serbia

Ministry of Health of Serbia

MEETING ORGANISERS

Balkan Clinical Laboratory Federation
Society of Medical Biochemists of Serbia
Pharmaceutical Faculty
Institute of Medical Biochemistry
Clinical Center of Serbia

MEETING SECRETARIAT

Institute of Medical Biochemistry
Clinical Center of Serbia
Višegradska 26
11000 Belgrade, Serbia

Phone/Fax: +381 11 361 56 31

E-mail: dmbj@eunet.rs

Website: www.bclf2012.org

www.bclf.info

www.dmbj.org.rs

INVITATION



Dear colleagues and friends,

The Society of Medical Biochemists of Belgrade has the pleasure of inviting you to the 20th Meeting of the Balkan Clinical Laboratory Federation to be held in Belgrade, on September 18–22, 2012, joined together with the 8th EFLM Symposium for the Balkan Region and 18th Congress of Medical Biochemists of Serbia.

This is the third time that the Society of Medical Biochemists of Serbia acts as the organizer of the BCLF Meetings. The Fourth Meeting of the Balkan Clinical Laboratory Federation was held in Budva in 1996, and the 11th BCLF 2003 Meeting was organized in Belgrade, under the auspices of the International Federation of Clinical Chemistry (IFCC) and the Forum of the European Societies of Clinical Chemistry (FESCC). More than 500 scientists from all over the world and all the Balkan countries were present. It has been generally agreed that the meeting fulfilled the expectations and was a success.

The Serbian capital Belgrade, the host of the Meetings, is an ancient city. No one knows when the first settlers inhabited the area of present-day Belgrade. During the prehistoric era, the city surroundings were already densely populated. In those times, land and river caravans traveling along some of the oldest trade routes were meeting on its territory.

The ancient peoples who lived on this land were changing by turns: from the Illyrian tribe of Autariats, through Dacians, Celtic Scordians, to Thracian Sings, etc. Belgrade's many names include: Singidunum, Alba Bulgaricam, Nandorfejervar, Albanandor, Wiessenburg, Griechisch Wiessenburg, Alba Graeca, Castelbianco and Beograd (Belgrade). It is believed that the first inhabitants of Belgrade were the Sings, one of the Thracian-Illyrian tribes. They

are mentioned by Herodotus, the father of European history. The city's first name recorded in history was SINGIDUNUM, most probably of Celtic origin, and can be found in the works of ancient authors and antique inscriptions. It was derived from the name of the Thracian tribe of SINGS and the Celtic word DUNUM, meaning »town«. In historic documents, the city appeared under the Slavic name Belograd or Beograd in the 9th century.

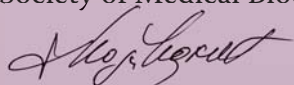
Belgrade lies at the mouth of two rivers, the Danube and the Sava, under the Avala mountain, and these are the silent witnesses of a long and bloody history of the city that has always risen from ashes, like the Phoenix, each time bigger and more beautiful.

The 20th BCLF Meeting in Belgrade will continue with its successful progress of the previous years, aiming to focus on the new data in the field of laboratory medicine. The intention is also to increase the participation of clinical chemists from all the Balkan countries, as well as from the neighboring states.

We hope that we will have the pleasure of your presence and, speaking on behalf of the Society of Medical Biochemists of Serbia, we look forward to your active participation in the works of the 20th Balkan Clinical Laboratory Federation Meeting and 8th Symposium for the Balkan Region, as well as the 18th Serbian National Congress of Medical Biochemistry and Laboratory Medicine.

President

Society of Medical Biochemists of Serbia



Prof. Dr. Nada Majkić-Singh

WELCOME MESSAGE



Dear colleagues,

It is my pleasure to attend the 2012 Belgrade Meeting of the Society Medical Biochemists Serbia in Belgrade as President of the European Federation of Clinical Chemistry and Laboratory Medicine. The EFCC now known as the EFLM, is keen to promote laboratory medicine as a description of our profession to better identify ourselves to clinical colleagues and governments, it helps them understand what we do as Specialists in Laboratory Medicine. I will describe in a brief presentation to you what EFLM does in its various committees and what its structure is.

I am looking forward to the Scientific Programme and I wish you an enjoyable and satisfactory meeting.

EFLM PRESIDENT

A handwritten signature in black ink, appearing to read 'Ian D. Watson'.

Dr Ian D Watson

WELCOME MESSAGE



Dear colleagues,

On behalf of the Board of Balkan Federation of Clinical Chemistry and Laboratory Medicine, it is an honor for me to welcome you to the 20th Meeting of the Balkan Clinical Laboratory Federation, to be held in Belgrade, on September 18–22, 2012.

In support of our mission, 20th BCLF Meeting will bring together integrated studies from many laboratory medicine specialist and physician colleagues, contributing in the enhancement of understanding, diagnosis, therapy and prevention of diseases.

This meeting will be an arena of many discussions of the most challenging issues. Rapid technological changes and increasing of quality management request in laboratory medicine field have also brought an important change in the way of thinking about the patient's care and providing quality standards.

Over the last few years the public health and our physician colleagues have become increasingly aware of the fact that laboratory medicine serves as the basis for the majority of medical decisions. Now is our responsibility to improve and to apply widely »the gold standards« in our laboratory medicine practice. Supporting the application of the quality and competence international standard ISO 15189, the medical laboratories of all our Balkan countries will have a unique European standard.

20th BCLF Meeting in Belgrade will join us together; strengthen our friendship and professional communication, exploring in the same time the beauty and history of Belgrade, an old city full with history but in the same time full with life, joy and friendship.

I wish you to enjoy the 20th BCLF Meeting and your stay in Belgrade too.

BCLF President


Prof. Anyla Bulo-Kasneci

PRESIDENTS OF THE 20th BCLF MEETING

Nada Majkić-Singh, Meeting President

Svetlana Ignjatović, Vice-President

IFCC PRESIDENT

Graham Beastall, United Kingdom

EFLM PRESIDENT

Ian Watson, United Kingdom

BCLF PRESIDENT

Anyla Buló-Kasneci, Albania

BCLF PAST-PRESIDENT

Gheorghe Benga, Romania

ORGANIZING COMMITTEE

Zorica Šumarac, President

Nada Majkić-Singh

Svetlana Ignjatović

Sanja Stanković

Radmila Obrenović

Janko Pejović

Tatjana Vodnik

Snežana Jovičić

Mirka Ilić

Velibor Canić

Jelena Ošap

Aleksandra Nikolić-Đorđević

Andelo Beletić

Jasna Bjelanović

SCIENTIFIC COMMITTEE (in alphabetical order)

Gheorghe Benga, Romania

Anyla Buló-Kasneci, Albania

Jozo Ćorić, Bosnia and Herzegovina

Stoyan Danev, Bulgaria

Najdana Gligorović-Barhanović, Montenegro

Svetlana Ignjatović, Serbia

Valentina Koloska, Macedonia

Nada Majkić-Singh, Serbia

Tomris Özben, Turkey

Nazmi Özer, Turkey

Katherina Psarra, Greece

Demetrios Rizos, Greece

Milko Shishenkov, Bulgaria

Sanja Stanković, Serbia

Orestes Tsolas, Greece

Kamen Tzatchev, Bulgaria



DMBS
SMBS



PRE-CONGRESS SCIENTIFIC ACTIVITY

8th EFLM Symposium for Balkan Region

Under IFCC and EFLM Auspices

***Vitamin D Deficiency:
A new challenge for laboratory medicine***

FINAL PROGRAMME

Best Western Hotel M, BELGRADE, SERBIA
September 19, 2012

AUSPICES

8th EFLM Symposium for Balkan Region

is organized under the Auspices of the
**International Federation of Clinical Chemistry
and Laboratory Medicine (IFCC)**
**European Federation of Clinical Chemistry
and Laboratory Medicine (EFLM)**
Balkan Clinical Laboratory Federation (BCLF)

MEETING ORGANIZERS

Society of Medical Biochemists of Serbia
Institute of Medical Biochemistry,
Pharmaceutical Faculty, University of Belgrade
&
Clinical Center of Serbia

Symposium coordinators:

Nada Majkić-Singh (Serbia)
Svetlana Ignjatović (Serbia)

MEETING SECRETARIAT

Institute of Medical Biochemistry
Clinical Center of Serbia
Višegradska 26
11000 Belgrade, Serbia
Phone/Fax: + 381 11 361 56 31
e-mail: dmbj@eunet.rs
Website: www.dmbj.org.rs

WEDNESDAY, SEPTEMBER 19, 2012

9:00 – 17:00

Section 1

Chairs: *N. Majkić-Singh* (Serbia)

E. Topić (Croatia)

S. Ignjatović (Serbia)

9:00 – 11:00 Lectures

Welcome and Introduction

Nada Majkić-Singh (Belgrade, Serbia)

Elizabeta Topić (Zagreb, Croatia)

Biochemistry and metabolism of vitamin D – Introduction

Snežana Jovičić, Svetlana Ignjatović, Nada Majkić-Singh (Belgrade, Serbia)

Vitamin D relevance – challenges in diagnosis and monitoring
hypovitaminosis D

Michael Vogeser (Munich, Germany)

Vitamin D: needs during pregnancy and the perinatal period

Edgard E. Delvin (Montreal, Canada)

The role of vitamin D in osteoporosis

Vera Popović (Belgrade, Serbia)

Discussion

11:00 – 11:30 *Coffee break*

Section 2

Chairs: *V. Mihailović-Vučinić* (Serbia)
D. Pavlović (Croatia)

11:30 – 13:00 Lectures

Vitamin D in the prevention of renal and cardiovascular disease
Draško Pavlović (Zagreb, Croatia)

The role of vitamin D in multisystem sarcoidosis
Violeta Mihailović-Vučinić (Belgrade, Serbia)

Biological and clinical effects of vitamin D in the elderly population
Roxana Fournier (Amiens, France)

Contribution of diet to vitamin D status
Maja Nikolić (Niš, Serbia)

Discussion

13:00 – 14:30 Lunch

Section 3

Chairs: *M. Serteser* (Turkey)
N. Babić (USA)

14:30 – 15:40 Lectures

Vitamin D measurement – challenges in exact diagnosis, pitfalls, standardization, results of the Elecsys vitamin D total assay
Heinz Juergen (Pablo) Roth (Heidelberg, Germany)

Challenges in vitamin D analysis
Mustafa Serteser (Istanbul, Turkey)

Analytical methods and performance of immunoassays methods for determination of vitamin D in comparison to mass spectrometry
Nikolina Babić (Chicago, USA)

Discussion

15:40 – 16:00 Coffee break

Section 4

Experiences from Balkan region

(Participation of Serbia, Turkey, Greece, Romania)

Chairs: *D. Rizos* (Athens, Greece)

A. Sepici Dinçel (Turkey)

16:00 – 17:00 Lectures

Comparison of three different methods for 25(OH)-vitamin D determination and vitamin D status in general population

– A Serbian experience

Snežana Jovičić, Svetlana Ignjatović, Ranka Kangrga, Anđelo Beletić, Duško Mirković, Nada Majkić-Singh (Belgrade, Serbia)

Levels of 25-OH vitamin D in healthy postmenopausal women.

Comparison of two different methods

Antigoni Kapetanaki, Evangelia Tsoka, Irene Lambrinoudaki, Demetrios Rizos (Athens, Greece)

The low serum concentration of 25-OH vitamin D in patients with early rheumatoid arthritis

Manole Cojocaru, Inimiara Mihaela Cojocaru, Isabela Silosi (Bucharest & Craiova, Romania)

Does vitamin D really affect muscle strength and balance in knee osteoarthritis?

Aylin Sepici Dinçel (Ankara, Turkey)

Discussion

20th MEETING OF THE BALKAN CLINICAL LABORATORY FEDERATION

FINAL PROGRAMME

WEDNESDAY, SEPTEMBER 19, 2012

18:00 – 21:00

Opening Ceremony

Musical Introduction

Infinity Quintet

Welcome addresses

Meeting President, Nada Majkić-Singh

EFLM President, Ian Watson

BCLF President, Anyla Buló-Kasneci

Welcome from Local Authorities

Awards Presentation

Serbian Society of Medical Biochemists Award 2012

Opening Lecture

Vitamin D: A D-Lightful Solution for Good Health

Professor Michael Holick (Boston, USA)

Welcome Reception

THURSDAY, SEPTEMBER 20, 2012

9:00 – 18:00

Session 1

PREANALYTICS – THE RIGHT WAY FOR IMPROVEMENT PATIENTS SAFETY

Chairs: *Zorica Šumarac* (Serbia)

Ana-Maria Šimundić (Croatia)

9:00 – 11:00 Lectures

Pre-analytical errors and patient safety

Mario Plebani (Padova, Italy)

Patients identification errors

Vladimir Palička (Hradec, Králové, Czech Republic)

Detection and management of hemolyzed samples

Ana-Maria Šimundić (Zagreb, Croatia)

Pre-analytical phase in relation to hemostasis

Steve Kitchen (Sheffield, UK)

Discussion

11:00 – 11:30 Coffee break

Session 2

EXPERIENCES IN PREANALYTICS FROM BALKAN REGION

Chairs: *Zorica Šumarac* (Serbia)

Mustafa Serteser (Turkey)

11:30 – 12:30 Lectures

How laboratory accreditation assures patient safety?

Mustafa Serteser (Istanbul, Turkey)

The Link between Laboratory Accreditation and Accuracy in Patients and Samples Identification – Romanian Experience.

Simona Berbecar (Bucharest, Romania)

Serbian experiences in management of pre-analytical phase

Zorica Šumarac, Nada Majkić-Singh, Anđelo Beletić (Belgrade, Serbia)

Discussion

12:30 – 13:30 Commercial workshop – Sysmex Europe

- Clinical relevance of the new advanced clinical parameters
- Sysmex extended red blood cell parameters and their impact on detecting haematological abnormalities including thalassaemia (focus on RBC/RET parameters)
- Reliable and fast: Standardised analysis of CSF and other body fluids

Lecturer: Tanja Tornow, Sysmex Europe.

13:30 – 15:00 Lunch

15:00 – 15:30 Plenary Lecture

Clinical pharmacogenomics and the concept of personalized medicine

Nikolina Babić (Chicago, USA)

Session 3

EDUCATION AND TRAINING OF SPECIALISTS IN LABORATORY MEDICINE

Chairs: *Nada Majkić-Singh* (Serbia)

Elizabeta Topić (Croatia)

15:30 – 16:30 Lectures

Patient Focused Laboratory Medicine

Ian Watson (Liverpool, UK)

European Education in Laboratory Medicine and Recognition of Professional Qualifications. Harmonization, actual and present status
Victor Blaton (Brugge, Belgium)

The Continuous Professional Development Crediting System in EFLM Societies
Elizabeta Topić (Zagreb, Croatia)

Discussion

Session 4

NEW BIOCHEMICAL MARKERS – I

Chairs: *Kamen Tzatchev* (Bulgaria)
Sanja Stanković (Serbia)

17:00 – 18:30 Oral presentations

Biomarkers in patients with ST-segment elevation myocardial infarction treated by primary percutaneous coronary intervention
Sanja Stanković, Milika Ašanin, Nada Majkić-Singh (Belgrade, Serbia)

Diagnostic significance of matrix metalloproteinase 9 (MMP-9) as an early marker of acute myocardial infarction
Emina Čolak, Nada Majkić-Singh (Belgrade, Serbia)

Mutational screening of nine most common cyp21a2 point mutations in Macedonian and Serbian 21-hydroxylase deficiency patients
Violeta Anastasovska, M. Kocova (Skopje, Macedonia)

New tumoral biomarkers used in the diagnosis, prognosis and therapeutic approach in prostate cancer patients
Raluca Dumache, Bogdan Bumbăcilă, Anca Tudor, Dana David, Maria Puiu, Victor Dumitrașcu (Timisoara, Romania)

Two faces of glucose-6-phosphate dehydrogenase
Nuray Ullusu (Ankara, Turkey)

Discussion

THURSDAY, SEPTEMBER 20, 2012

17:30 – 19:00 BCLF Executive Board Meeting

FRIDAY, SEPTEMBER 21, 2012

9:00 – 18:00

Session 5

NEW BIOCHEMICAL MARKERS – II

Chairs: *Demetrios Rizos* (Greece)

Radmila Obrenović (Serbia)

9:00 – 11:00 Oral presentations

Recent progress towards non-invasive prenatal diagnosis of chromosomal abnormalities

Demetrios Rizos (Athens, Greece)

Serum cystatin C level in pregnancy

Radmila Obrenović, Nada Majkić-Singh (Belgrade, Serbia)

Laboratory screening of renal transplant patients

Ozlem Goruroglu Ozturk (Adana, Turkey)

Variability of Bone Markers in Osteoporosis and Experiences in Balkan Countries

Aylin Sepici Dinçel (Ankara, Turkey)

Autoimmunity and vaccination: is there a link?

Manole Cojocaru, Inimioara Mihaela Cojocaru (Bucharest, Romania)

New laboratory biomarkers in preeclampsia, our experience

Albana Daka, Anyla Bulo-Kasneci, Myftar Barbullushi (Tirana, Albania)

Discussion

12:00 – 13:00 Commercial workshop ABBOTT

ARCHITECT Clinical Chemistry Traceability, Result Comparability and Sigma Metrics

David Armbruster, PhD, DABCC, FACB

Scientific Affairs Manager

Abbott Diagnostics, Global Scientific Affairs

Traceability and uncertainty in hematology
Dr. Hans Hoffmann, PhD, EurClinChem
Abbott Diagnostics, Scientific Affairs Hematology Europe

13:00 – 14:30 Lunch

Session 6

TUMOR MARKERS AND MOLECULAR DIAGNOSIS OF CANCER

Chairs: *Camelia Grigore* (Romaina)
Anyla Bulo-Kasneci (Albania)

14:30 – 16:00 Lectures

Hereditary breast cancer: beyond *BRCA* genes
Christos Kroupis (Athens, Greece)

Serological markers in prostate cancer
Camelia Grigore, Nicolae Grigore (Sibiu, Romania)

Diagnostic value of chromogranin A as a biomarker of neuroendocrine tumors (NETS)
Anyla Bulo-Kasneci (Tirana, Albania)

Discussion

Session 7

STANDARDIZATION IN LABORATORY MEDICINE

Chairs: *Milko Shishenkov* (Bulgaria)
Mirka Ilić (Serbia)

16:00 – 17:30 Lectures

Analytical standardization and harmonization
Muhittin Serdar (Ankara, Turkey)

POCT at the Crossroads of innovation and successful strategies
Bernard Gouget (Paris, France)

Turnaround time in the emergency biochemical laboratory
Mirka Ilić, Sanja Stanković, Nada Majkić-Singh, Marina Ilić (Belgrade, Serbia)

Effects of new oral anticoagulants on laboratory tests of haemostasis
Steve Kitchen (Sheffield, UK)

Common urinalysis – current practices and future perspectives
Milko Shishenkov (Sofia, Bulgaria)

Discussion

17:30 – 18:00 Closing Ceremony

20:30 – 23:00 Meeting Dinner

POSTERS

POSTERS (*will be displayed on Thursday, 20th and Friday, 21st September*)

- **Setup:** starting 8:30
- **Display:** 9:00–17:30
- **Withdrawal:** 17:30–18:00

POSTERS PRESENTATIONS ON THURSDAY, 20th September

Chairs: *Svetlana Ignjatović* (Serbia)
Slavica Kundalić (Serbia)

P001 BROTHERS WITH STILL DISEASE: MONITORING AND CONTROL

CMJ Malem

Laboratory »Claudio Malem & Associates«, General Alvear,
Province of Mendoza, Argentine Republic

P002 FOLLOWING AND CONTROL OF AN ADULT WITH MACROGLOBULINEMIA OF WALDENSTRÖM

CMJ Malem

Laboratory »Claudio Malem & Associates«, General Alvear,
Province of Mendoza, Argentine Republic

P003 INVERSION OF THE LEUKOCYTE COUNT IN THE ABUSE OF BENZODIAZEPINE DERIVATIVES

CMJ Malem

Laboratory »Claudio Malem & Associates«, General Alvear, Province
of Mendoza, Argentine Republic

P004 PROGNOSTIC SIGNIFICANCE OF PREOPERATIVE SERUM GSTP1 GENE IN MEN FOLLOWING RADICAL PROSTATECTOMY

Raluca Dumache

Laboratory Medicine, Timisoara, Romania

P005 RELATIONSHIP AMONG SERUM LIPIDS, FIBRINOLYTIC ENZYMES AND FACTOR VII IN WOMEN DURING MENOPAUSE

S. Petrovska, M. Papazova, B. Dejanova, V. Antevska, I. Karagjozova
Institute of Physiology, Medical Faculty, »Ss. Cyril and Methodius«
University, Skopje, Macedonia

**P006 THE EFFECTS OF LHRH ON PITUITARY
SOMATOTROPES IN OVARIECTOMIZED FEMALE RATS**

Branislava Brkić¹, Svetlana Trifunović, Vladimir Ajdžanović²,
Nataša Ristić², Jasmina Pantelić², Ivana Medigović², Verica Milošević²

¹»Beo-Lab« Laboratory, Belgrade, Serbia

²Institute for Biological Research »Siniša Stanković«,
University of Belgrade, Belgrade, Serbia

**P007 EXPOSURE TO CONSTANT LIGHT ENVIRONMENT
ALTERS PITUITARY SOMATOTROPH, MAMMOTROPH
AND THYROTROPH CELLS IN FEMALE RATS**

Verica Milošević, Branka Šošić-Jurjević, Nataša Ristić,
Vladimir Ajdžanović, Milica Manojlović-Stojanoski, Branko Filipović,
Nataša Nestorović

Institute for Biological Research »Siniša Stanković«,
University of Belgrade, Belgrade, Serbia

**P008 CA 242 – A NOVEL MARKER FOR GASTROINTESTINAL
CARCINOMAS**

Victor Manolov¹, Nikola Stanchev², Vasil Vasilev¹

¹Medical University, »Alexandrov« Hospital – Department
of Clinical Laboratory and Clinical Immunology, Sofia, Bulgaria

²Medical University, »Alexandrov« Hospital –
Department of Gastroenterology, Sofia, Bulgaria

P009 I-FABP AND INTESTINAL BOWEL DISEASES

Victor Manolov¹, Nikola Stanchev², Vasil Vasilev¹

¹Medical University, »Alexandrov« Hospital – Department
of Clinical Laboratory and Clinical Immunology, Sofia, Bulgaria

²Medical University, »Alexandrov« Hospital – Department of
Gastroenterology, Sofia, Bulgaria

**P010 URINARY NEUTROPHIL GELATINASE-ASSOCIATED
LIPOCALIN (NGAL) IN PATIENTS WITH CHRONIC
HEART FAILURE**

Victor Manolov¹, Emil Manov², Vasil Vasilev¹

¹Medical University, »Alexandrov« Hospital – Department of Clinical
Laboratory and Clinical Immunology, Sofia, Bulgaria

²Medical University, »Alexandrov« Hospital – Department of
Cardiology, Sofia, Bulgaria

**P011 COMPREHENSIVE ANALYSIS OF RHD ALLELES
IN ALBANIANS WITH VARIANT D PHENOTYPES**

Merita Xhetani¹, Irena Seferi¹, Yann Fichou³, Grigor Zoraqi²

¹National Blood Transfusion Center

²Molecular Diagnostics and Genetic Research Center,
Maternity Hospital »Queen Geraldine«, Tirana, Albania

³Inserm U1078, Etablissement Français du Sang – Bretagne, France

**P012 ASSESSING THE USE OF GLUTATHIONE
S-TRANSFERASE P1 (GSTP1) PROMOTER GENE
METHYLATION IN URINE TO DETECT PROSTATE
CANCER**

Raluca Dumache², Maria Puiu¹, Radu Minci¹, Anca Tudor¹,
Sorina Popescu¹, Carmen Haivas¹, Bogdan Bumbacila⁴
University of Medicine and Pharmacy »Victor Babes«, Timisoara,
Romania
University of Agricultural Sciences and Veterinary Medicine,
Timisoara, Romania

**P013 HEPICIDIN: A NOVEL MARKER IN IRON METABOLISM
DISORDERS**

Victor Manolov¹, B. Atanasova¹, Kamen Tzatchev¹, E. Hadjiev²
¹Department of Clinical Laboratory and Clinical Immunology,
Medical University – Sofia, Central Clinical Laboratory –
»Alexandrov« Hospital
²Propedeutic Department of Internal Medicine, Medical University
– Sofia, Clinic of Hematology – »Alexandrov« Hospital

**P014 MEASUREMENT OF MINERAL ELEMENTS AND HEAVY
METALS FROM HAIR CELLS BY IPC-MASS
SPECTROMETRY**

Aurelian Udristioiu¹, Manole Cojocar², Florin Mitu³
¹Clinical Laboratory, Emergency County Hospital, Targu Jiu, Romania
²Department of Physiology, Faculty of Medicine, Titu Maiorescu
University, Bucharest, Romania
³Mecro System SRL, Bucharest, Romania

**P015 IDENTIFICATION OF RHD GENE IN ALBANIANS WITH
VARIANT D PHENOTYPES**

Merita Xhetani¹, Irena Seferi¹, Yann Fichou², Grigor Zoraqi³
¹National Blood Transfusion Center
²Inserm U1078, Etablissement Français du Sang, Bretagne, France
³Molecular Diagnostics and Genetic Research Center, Maternity
Hospital »Queen Geraldine«, Tirana, Albania

**P016 MOLECULAR CHARACTERIZATION OF THE RHD
FETAL GENE IN ALLOIMMUNIZED RHD
NEGATIVE MOTHERS**

Merita Xhetani¹, Yann Fichou², Irena Seferi¹, Grigor Zoraqi³
¹National Blood Transfusion Center
²Inserm U1078, Etablissement Français du Sang, Bretagne, France
³Molecular Diagnostics and Genetic Research Center, Hospital
»Queen Geraldine«, Tirana, Albania

P017 SERUM PROCALCITONIN LEVELS IN PATIENTS WITH MENINGITIS: A COMPARISON WITH BLOOD LEUKOCYTE COUNT AND C-REACTIVE PROTEIN

Anila Beqja-Lika¹, Anyla Bulo-Kasneci¹, Etleva Refatllari¹,
Nevila Heta-Alliu¹, Kleva Shpati³, Alma Barbullushi¹, Anila Mitre²

¹Clinical Chemistry Laboratory, University Hospital Center

»Mother Teresa«, Tirana, Albania

²»Intermedica« Laboratory, Tirana, Albania

³»Albanian University«, Tirana, Albania

P018 DIAGNOSTIC ACCURACY OF SERUM PROCALCITONIN IN SEVERE BACTERIAL INFECTIONS

Anila Beqja-Lika¹, Anyla Bulo-Kasneci¹, Etleva Refatllari¹,
Nevila Heta-Alliu¹, Irena Korita¹, Iris Mone¹,
Alma Barbullushi¹, Anila Mitre², Arminda Mema³

¹Clinical Chemistry Laboratory, University Hospital Center

»Mother Teresa«, Tirana, Albania

²»Intermedica« Laboratory, Tirana, Albania

³»Polyclinic #4«, Tirana, Albania

P019 MEDICAL ERRORS OCCURRING IN A CARDIOLOGY CLINIC AND A PROPOSED STRATEGY FOR REDUCING THEM

Kleva Shpati, Afrim Tabaku

Albanian University, Tirana, Albania

P020 CHANGES IN RCB, HCB AND HCT OVER SIX MONTHS AFTER INITIATING ARV THERAPY AMONG PERSONS TREATED FOR HIV/AIDS

Rajmonda Kolpepaj¹, Arjan Harxhi², Sonela Xinxo³, Dorjana Xhaxha⁴

¹University of Tirana, Faculty of Nursing, Tirana, Albania

²University Hospital Centre »Mother Teresa«, Tirana, Albania

³Institute of Public Health, Tirana, Albania

⁴Laboratory Department, University Hospital Centre »Mother Teresa«, Tirana, Albania

P021 DEMOGRAPHIC AND SOCIOECONOMIC CORRELATES OF ADIPOSE TISSUE ARACHIDONIC ACID IN THE ADULT POPULATION OF ALBANIA

Iris Mone¹, Anyla Bulo-Kasneci¹

¹Clinical and Biochemistry Laboratory Service, Faculty of Medicine,
Tirana University, Tirana, Albania

P022 DISTRIBUTION OF ADIPOSE TISSUE DOCOSAHEXAENOIC ACID: A POPULATION-BASED STUDY IN ALBANIA

Iris Mone¹, Anyla Bulo-Kasneci¹

¹Clinical and Biochemistry Laboratory Service, Faculty of Medicine,
Tirana University, Tirana, Albania

**P023 ROMA CALCULATED VALUE AND ESTIMATION IN
ENDOMETRIOSIS**

A. Pashoski¹, N. Cokrevska Zografska²

¹PZU Albimini, Prilep, Macedonia

²CH Acibadem Sistina, Skopje, Macedonia

**P024 PREVALENCE OF OSTEOPOROSIS IN THE CENTER OF
HAEMOGLOBINOPATHY IN LUSHNJE**

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**P025 ANTIOXIDATIVE PROTECTION STATUS IN PATIENTS
WITH AUTOIMMUNE DISEASES**

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**P026 BIOCHEMICAL EVALUATION OF DIABETIC PATIENTS
ACCORDING TO THEIR GLYCAEMIC CONTROL**

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**P027 THE PREVALENCE OF RHEUMATOID FACTOR,
CYCLIC CITRULLINATED PEPTIDE AND ANTINUCLEAR
ANTIBODIES IN ALBANIAN PATIENTS WITH
RHEUMATOID ARTHRITIS**

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**P028 LIPOROTEIN(A) AND ATHEROGENIC RISK RATIOS
IN PATIENTS WITH CORONARY ARTERY DISEASE**

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**P029 NEONATAL THYROID SCREENING OF
THE MACEDONIAN POPULATION DURING THE 2011**

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**P030 NEONATAL SCREENING OF CONGENITAL
HYPOTHYROIDISM IN THE MACEDONIAN
POPULATION DURING THE PERIOD 2007–2011**

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**P031 LABORATORY PROFILE OF PRIMARY
HYPERPARATHYROIDISM IN ALBANIA**

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**P032 MOLECULAR DETECTION AND SUBTYPING OF
HUMAN PAPILLOMAVIRUS ON ALBANIAN WOMEN**

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**P033 EVALUATION OF INFLAMMATORY MARKERS
IN ASPHYXIATED PREMATURE INFANTS**

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**P034 S100 B PROTEIN AS A BIOLOGICAL MARKER FOR
DETECTION OF BRAIN DISTRESS IN INTRAUTERINE
GROWTH-RETARDED (IUGR) FETUSES, AND IN
NEONATES BORN WITH NEUROLOGICAL DEFICIT**

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**P035 PROTEIN S100B AS A BIOLOGICAL MARKER
FOR BRAIN INJURY IN ASPHYXIATED FULL-TERM
NEWBORNS**

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**P036 CHANGES IN THE COAGULATION STATUS DURING
NORMAL PREGNANCY – OUR EXPERIENCE**

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**P037 BENEFICIAL EFFECTS OF CARNOSINE IN THE
EXPERIMENTAL ISCHEMIA/REPERFUSION INJURY
IN TESTIS**

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**P038 HIPERHOMOCYSTEINEMIA AND THE STAGE OF
CORONARY ARTERY DISEASE**

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**P039 MODERATE HYPERHOMOCYSTEINEMIA IN HEALTHY
MACEDONIAN POPULATION SAMPLE**

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**P040 THE EFFECTS OF ORAL CONTRACEPTIVES ON
HAEMOSTATIC PARAMETERS IN A GROUP OF
ALBANIAN WOMEN**

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**P041 IRON AND ZINC STATUS OF LACTATING MOTHERS
AND THEIR INFANTS**

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P042 THE RELATIONSHIP BETWEEN HLA-G LEVELS AND OXIDATIVE STRESS PARAMETERS IN PATIENTS WITH BREAST CANCER

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P043 VITAMIN E INFLUENCE ON AGE- AND HEAT EXPOSURE-DEPENDENT INFLAMMATION IN WISTAR RAT

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P044 CHANGES IN SALIVARY FLOW AND COMPOSITION IN HEMODIALYSIS PATIENTS

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P045 RELATION BETWEEN SALIVARY AND BLOOD LEVELS OF RENAL BIOMARKERS IN PATIENTS UNDERGOING RENAL REPLACEMENT THERAPY

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P046 PHAST SYSTEM SDS-PAGE ELECTROPHORETIC PROFILES OF THE URINARY PROTEINS IN HEALTHY NORMOTENSIVE NON-PREGNANT AND PREGNANT WOMEN

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P047 HYPERCHOLESTEROLEMIA IN FEMALE AND MALE POPULATION IN MACEDONIA

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P048 USEFULNESS OF BIOCHEMICAL ANALYSES FOR CONTROL OF ORAL THERAPY IN DIABETES MELLITUS TYPE 2

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P049 INCIDENCE OF HYPERHOMOCYSTEINEMIA AMONG PATIENTS WITH ACUTE CHEST PAIN

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P050 BIOLUMINESCENCE METHOD FOR DETERMINATION OF ADENOSINE TRIPHOSPHATE CONCENTRATION IN PATIENTS WITH LEUKEMIAS

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P051 CLINICAL SIGNIFICANCE OF HS-CRP IN CARDIOVASCULAR DISEASES

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P052 CORRELATION OF CONCENTRATION OF TUMOR MARKERS CEA AND CA 19-9 IN BENIGN AND MALIGN DISEASES

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P053 PROLACTIN AND TESTOSTERONE LEVELS IN FEMALE INFERTILITY

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P054 EFFECTS OF TEUCRIUM POLIUM AERIAL PARTS EXTRACT ON ORAL GLUCOSE TOLERANCE TESTS AND PANCREAS HISTOPATHOLOGY IN STREPTOZOCIN-INDUCED DIABETIC RATS

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P055 ANEMIA DURING PREGNANCY

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P056 ANTIOXIDANT EFFECTS OF BARBERRY FRUIT EXTRACTS

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P057 GENDER-RELATED DIFFERENCES IN DISTRIBUTION OF FACTOR V LEIDEN, FACTOR II G20210A, MTHFR C677T AND MTHFR A1298C MUTATIONS AMONG PATIENTS WITH THROMBOPHILIA

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P058 RELATIONSHIP BETWEEN THE ELEVATED LIVER ENZYME LEVELS, SERUM ALBUMIN AND C- REACTIVE PROTEIN LEVEL IN DECOMPENSATED LIVER CIRRHOSIS

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P059 HYPERGLYCEMIA AND HYPOGLYCEMIA AMONG FEMALE AND MALE POPULATION IN MACEDONIA

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P060 FERRITIN AND LIPOPROTEIN STATUS: ESRD PATIENTS VERSUS VOLUNTARY BLOOD DONORS

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P061 THE EFFECT OF OUABAIN ON MITOCHONDRIAL DNA DAMAGE IN HEPG2 CELL LINE

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P062 BIOACCUMULATION OF PERFLUOROOCTANE SULFONATE IN THE MOUSE LIVER

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P063 SERUM LEVEL OF C-REACTIVE PROTEIN IN PATIENTS WITH THE CHRONIC RENAL INSUFFICIENCY

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P064 INFLUENCE OF L-CARNITINE ON MUSCLE METABOLISM IN THE ATHLETES

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P065 LIPOPROTEIN LP(A) AND OTHER LIPOPROTEIN PARTICLES IN PATIENTS WITH THE ISCHAEMIC HEART DISEASE

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POSTERS PRESENTATIONS ON FRIDAY, 21th September

Chairs: *Sanja Stanković* (Serbia)

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P066 THE EFFECT OF VITAMIN D3 IN STREPTOZOTOCIN-INDUCED DIABETES

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P067 THE EFFECT OF VITAMIN D3 ON SERUM PARAOXONASE ACTIVITIES IN STREPTOZOTOCIN-INDUCED DIABETES

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P068 INVESTIGATION OF THE VITAMIN D3 EFFECT ON THE LEVELS OF OSTEOPROTEGERIN(OPG) AND RECEPTOR ACTIVATOR OF NUCLEAR FACTOR KAPPA-B LIGAND (RANKL) IN STREPTOZOTOCIN-INDUCED DIABETES

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P069 DIAGNOSTIC VALUE OF THE SERUM MALONDIALDEHYDE LEVELS IN SPECIFIC AND NON-SPECIFIC ABDOMINAL PAIN

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P070 EFFECT OF TUBERCULOSTATIC ON ANTIOXIDANT ENZYMES AND THIOBARBITURIC ACID-REACTIVE SUBSTANCE IN PATIENTS WITH THE PULMONARY TUBERCULOSIS

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P071 INSULIN RESISTANCE IS ASSOCIATED WITH NONALCOHOLIC FATTY LIVER DISEASE AND METABOLIC SYNDROME IN THE OBESE SUBJECTS

Bledar Kraja, Iris Mone, Fatjona Pupuleku, Ilda Kullolli,

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P072 VITAMIN D CONCENTRATIONS IN HEALTHY YOUNG WOMEN IN SARAJEVO

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P073 COMPARISON OF PROTEIN VALUES IN DIFFERENT URINE SAMPLES

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P074 CORRELATION OF THE HEART TYPE FATTY ACID BINDING PROTEIN AND MYOGLOBIN SERUM LEVELS IN RAT MODEL OF MYOCARDIAL DAMAGE

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P075 CHOLESTERYL ESTER TRANSFER PROTEIN, LOW DENSITY LIPOPROTEIN PARTICLE SIZE AND INTIMA MEDIA THICKNESS IN PATIENTS WITH THE CORONARY HEART DISEASE

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P076 PROTHROMBOTIC STATES IN YOUNG STROKE PATIENTS

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P077 ESTRADIOL LEVEL AS A PREDICTOR AND HCG AS CONFIRMATION OF THE SUCCESS IN IVF INDUCTION CYCLES

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P078 THE EFFECT OF CPAP ON CORTISOL AND MELATONIN IN HYPERTENSIVE PATIENTS WITH OSAS

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P079 THE EFFECT OF CPAP ON C-PEPTIDE AND INSULIN LEVELS IN PATIENTS WITH THE OSAS

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P080 GALLSTONES SECTIONS – MORPHOLOGICAL FEATURES AND CHEMICAL COMPOSITION

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P081 EPIDEMIOLOGICAL AND MYCOLOGICAL ASPECTS OF VVC

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P082 HEMOSTASIS MARKERS IN NEONATAL SEPSIS

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**P083 DETERMINATION OF THE LENGTH OF
SEDIMENTATION REACTION IN BLOOD USING
MICRO-SEDIMENTATION METHOD: COMPARISON
WITH THE WESTGREEN METHOD**

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**P084 SOLUBLE CD154 LIGAND LEVELS IN SMOKING
PATIENTS WITH THE ACUTE MYOCARDIAL
INFARCTION**

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**P085 PROCALCITONIN LEVELS IN PATIENTS WITH THE
ACUTE PANCREATITIS**

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P086 INTERLEUKIN 5 LEVELS IN THE ACUTE PANCREATITIS

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**P087 IS THERE AN ASSOCIATION OF THE INSULIN LEVELS
AND IN-HOSPITAL MORTALITY IN PATIENTS WITH
ST-SEGMENT ELEVATION MYOCARDIAL INFARCTION
TREATED BY PRIMARY PERCUTANEOUS CORONARY
INTERVENTION?**

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**P088 THE EFFECT OF PRIMARY PERCUTANEOUS
CORONARY INTERVENTION LIPOPROTEIN-
ASSOCIATED PHOSPHOLIPASE A2 LEVELS IN
PATIENTS WITH THE ST-SEGMENT ELEVATION
MYOCARDIAL INFARCTION**

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P089 TIME DEPENDENT CHANGES OF B-TYPE NATRIURETIC PEPTIDE AND N-TERMINAL PRO B-TYPE NATRIURETIC PEPTIDE IN RELATION TO IN-HOSPITAL MORTALITY IN PATIENTS WITH THE ST-SEGMENT ELEVATION MYOCARDIAL INFARCTION TREATED BY THROMBOLITIC THERAPY

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P090 FIBRINOLYTIC AND INFLAMMATION MARKERS IN YOUNG PATIENTS WITH THE ACUTE MYOCARDIAL INFARCTION

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P091 PROGNOSTIC IMPACT OF LABORATORY MARKERS ON PERI-PROCEDURAL BLEEDING AMONG PATIENTS UNDERGOING PRIMARY PERCUTANEOUS CORONARY INTERVENTION

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²Institute of Cardiovascular Diseases, Clinical Center of Serbia,
Belgrade, Serbia

P092 CORRELATION COEFFICIENT OF CA 19-9 MEASURED WITH THE IMMUNOFLUORESCENCE AND ELISA METHOD AND ITS REFERENCE VALUES

Majlinda Kallco¹, J. Zoga³, E. Kone², Xh. Ceka², A. Nake²,
E. Demiraj¹, G. Dedja², R. Kolpepaj, G. Dedja²
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P093 EFFECTS OF RADIATION ON ADMA AND SDMA LEVELS IN SERUM OF VITAMIN D ADMINISTERED RATS

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Ankara, Turkey
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P094 THE ASSOCIATION OF TOTAL SIALIC ACID LEVELS WITH MALONDIALDEHYDE LEVELS AND METABOLIC AND ANTHROPOMETRIC VARIABLES IN OBESE PEOPLE

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P095 SERUM RETINOIC ACID, ALPHA-TOCOPHEROL, SIALIC ACID AND MALONDIALDEHYDE LEVELS IN RATS ARE AFFECTED BY ACRYLAMIDE EXPOSURE THROUGH DRINKING WATER

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P096 EVALUATION OF SOME RENAL FUNCTION PARAMETERS IN RATS TREATED WITH ACRYLAMIDE

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P097 FLOW CYTOMETRY IMMUNOPHENOTYPING IN DIAGNOSIS OF MYELODYSPLASTIC SYNDROME

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P098 INFLUENCE OF HOMOCYSTEINE ON LIPID PROFILE IN HEMODIALYSIS PATIENTS

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P099 VITAMIN D STATUS IN PATIENTS WITH THE ALCOHOLIC LIVER CIRRHOSIS

Duško Mirković¹, Đorđe Čulafić², Anđelo Beletić¹, Tijana Krnjeta¹, Svetlana Ignjatović¹

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P100 SERUM AND SALIVA LEVELS OF ISCHEMIA-MODIFIED ALBUMIN IN PATIENTS WITH THE ACUTE MYOCARDIAL INFARCTION

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P101 SERUM HOMOCYSTEINE, ARGININE, CITRULLINE AND ASYMMETRIC DIMETHYL ARGININE LEVELS IN RATS EXPOSED TO ACRYLAMIDE

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P102 DETECTION OF IRON DEFICIENCY ANEMIA IN BLOOD DONORS IN RC FOR TRANSFUSION MEDICINE AT THE GENERAL HOSPITAL IN STIP

Jordanka Vitlarova¹, B. Cuckova², A. Petruseva³, M. Jovanova³, V. Dejanova³, N. Vitlarov³, M. Sorova³

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P103 EFFECT OF HESPERETIN ON MCF-7 BREAST CANCER CELL LINE

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P104 ENZYMATIC DEBRIDEMENT OF NECROTIZING PANCREATITIS

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⁴Department of Pathology

P105 ETIOLOGIC STRUCTURE OF PATHOGENIC ORGANISMS ISOLATED FROM SURGICAL WOUND INFECTIONS IN THE SURGERY WARD OF THE UNIVERSITY HOSPITAL CENTER IN TIRANA (ALBANIA)

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²Surgery Department, University of Tirana, Faculty of Medicine and University Hospital Center, Tirana, Albania

P106 DEFINITION OF ANTIBIOTICS RESISTANCE FREQUENCY AMONG SALMONELLA SPP AS BACTERIAL ZOOONOTIC INFECTIONS AT THE »MOTHER TERESA« UNIVERSITY HOSPITAL CENTER IN TIRANA DURING THE YEARS 2000–2010

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P107 ASSOCIATION OF KIR GENES WITH DEVELOPMENT OF HEPATOCELLULAR CARCINOMA IN PATIENTS WITH HEPATITIS C VIRUS INFECTION

Ozlem Goruroglu Ozturk¹, Oguz Uskudar², Abdullah Tuli¹,

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P108 ENTEROBACTER INFECTIONS IN »MOTHER TERESA« UNIVERSITY HOSPITAL IN TIRANA

Vasilika Mano

Microbiology Laboratory »Mother Teresa« Hospital, Tirana, Albania

P109 SERUM PARAOXONASE, TOTAL ANTIOXIDANT STATUS, ISCHEMIA-MODIFIED ALBUMIN AND TOTAL OXIDANT STATUS LEVELS IN PREDIABETES AND DIABETES

Said Sami Erdem¹, Aysun Toker², Mehmet Kayrak³, Hümeýra Çiçekler⁴, Gülsüm Gönülalan⁵, Turyan Abdulhalikov³, Fatma Hümeýra Yerlikaya², Ahmet Kaya⁵

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- P110 EFFECT OF CONSUMING ZINC-FORTIFIED BREAD ON SERUM ZINC AND IRON STATUS IN ZINC-DEFICIENT WOMEN**
Akbar Badii¹, Nilofar Nekoei², Mohammad Fazilati², Mohammad Shahedi², Sajjad Badiei³
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²Department of Food Sciences and Technology, School of Agriculture, Isfahan University of Technology, Isfahan, Iran
³School of Medicine, Isfahan University of Medical Sciences, Isfahan, Iran
- P111 THE IMPACT OF THE GHRD3(-)/D3(+) AND TCF7L2 GENE VARIANTS ON THE INSULIN DISPOSITION INDEX**
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²Isfahan Neuroscience Research Centre, Faculty of Medicine, Isfahan University of Medical Sciences, Isfahan I. R. Iran
- P112 TOTAL ANTIOXIDANTS IN THE PLASMA OF HEMODIALYSED PATIENTS AND HEALTHY CONTROLS AS MEASURED BY TWO COMMERCIAL ASSAYS**
Tatjana Ruskovska¹, Eugène Jansen²
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- P113 TOTAL PSA, DIGITAL RECTAL EXAMINATION, ULTRASONOGRAPHY, AND PSA DENSITY AS CRITERIA FOR A PROSTATE BIOPSY REQUEST**
Tatjana Ruskovska¹, Bobi Stojanovski², Viktorija Maksimova¹, Nevenka Velickova¹, Nikola Kamcev¹
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²University Surgery Clinic St. Naum Ohridski, Skopje, Macedonia
- P114 THE BENEFITS OF ISO 9001:2008 FOR US AND OUR PATIENTS**
Mirjana Grozdovska-Naumoska
PHI University Clinic for Clinical Biochemistry, Skopje, Macedonia
- P115 THE VALUE OF DETERMINING THE NUMBER OF LEUKOCYTES AND THEIR KIND IN CEREBROSPINAL FLUID (CSF) AS SUPPORT FOR THE RAPID AND DIFFERENTIAL DIAGNOSIS OF CNS INFECTIONS**
Majlinda Kokici¹, Elsa Kone¹, Dhimitër Kraja², Ndok Marku³
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²Infectious Diseases Department, Medical Faculty, University of Tirana, Albania
³Laboratory Department, Medical Faculty, University of Tirana, Albania

P116 DETERMINATION OF ETIOLOGIC STRUCTURE AND ANTIBIOTIC RESISTANCE FREQUENCY OF DIFFERENT SPECIMENS AT A PRIVATE PRACTICE IN TIRANA

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³Institute of Public Health, Tirana, Albania

P117 DETERMINATION OF ETIOLOGIC STRUCTURE AND ANTIBIOTIC RESISTANCE FREQUENCY OF DIFFERENT SPECIMENS AT THE REGIONAL HOSPITAL OF VLORA

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P118 OXIDATIVE STRESS IN CARDIOVASCULAR DISEASES RELATED TO AGE

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P119 ASSOCIATION OF CAROTID INTIMA-MEDIA THICKNESS WITH OXIDATIVE STRESS IN SUBJECTS WITH CARDIOVASCULAR EVENTS

Elena Lupeanu¹, Gianina Ioana Constantin¹, Bogdan Morosanu¹,

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P120 MARKERS OF EARLY INFLAMMATORY POLYARTHRITIS

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P121 HBA1C MEASUREMENT WITH NGSP CERTIFIED METHOD FOR THE COBAS 6000/C501 BIOCHEMICAL MODULE

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P122 DETECTION OF SERUM PROTEIN PROFILE CHANGES IN ATHEROSCLEROSIS

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P123 OXIDATIVE STRESS AND ANTIOXIDANTS IN CANCER

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P124 AGE-RELATED INDIRECT REFERENCE INTERVALS FOR THYROID PARAMETERS OF AMBULATORY PATIENTS

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P125 THE EFFECT OF THE EXPERIMENTAL TYPE 1 DIABETES MELLITUS ON THE EXPRESSION OF ADIPONECTIN RECEPTORS IN MALE RAT PANCREAS

Abbas Mohammadi

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P126 CYTOTOXIC EFFECTS OF QUERCUS INFECTORIA AND TERMINALIA CHEBULA EXTRACTS ON TWO TUMOR CELL LINES

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- P127 NEUROENDOCRINE DISORDERS CAUSED BY HEROIN ABUSE**
D. Janičević-Ivanovska¹, A. Spasovska-Trajkovska², Z. Pereska³
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²University Clinic Of Psychiatry
³University Clinic of Toxicology
University Clinic Center, Skopje, Macedonia
- P128 THYROID DYSFUNCTION IN PATIENTS WITH DIABETES MELLITUS TYPE 1**
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- P129 NEPHROTOXIC EFFECT OF NSAID'S IN PATIENTS WITH RHEUMATOID ARTHRITIS**
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- P130 ENVIRONMENTAL CAUSES OF LUNG CANCER**
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²Department of Chemistry, Faculty of Natural Sciences, University of Tirana, Albania
- P131 ASSESSMENT OF FETAL LUNG MATURITY – AMNIOTIC FLUID LAMELLAR BODY COUNT ON COBAS MICROS 60 AND NIHON-KOHDEN**
N. Cokrevska Zografaska¹, D. Lazarova¹, G. Petrovska, A. Pasoski²
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²PZU Albimini, Prilep, Bidimaz, Macedonia
- P132 CORRELATION OF SERUM ADIPONECTIN LEVELS WITH ANTHROPOMETRIC PARAMETERS IN OBESE AND OVERWEIGHT WOMEN**
Sonja Kuzmanovska, Ana Ugrinska, Daniela Miladinova, Toni Tripunoski
Medical Faculty »St Cyril and Methodius« University, Skopje, Macedonia
- P133 ORAL CANDIDIASIS IN FEBRILE PLWHA-S AND THE CORRELATION WITH CD4 STATUS, IN ALBANIA**
Xhensila Prendushi-Fraseri¹, Najada Gjylameti², Dhimiter Kraja³, Najada Como³, Arjan Harxhi³, Arben Pilaca³, Pellumb Pipero³
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GENERAL INFORMATION

Meeting Venue

The scientific programme and exhibition of the BCLF 2012 BELGRADE MEETING will be held at the:

Best Western Hotel M
Bulevar oslobođenja 56
11000 Belgrade, Serbia
September 18–22. 2012

Meeting Secretariat

Institute of Medical Biochemistry
Clinical Center of Serbia
Višegradska 26
11000 Belgrade, Serbia
Phone/Fax: +381 11 361 56 31
E-mail: dmbj@eunet.rs
Website: www.bclf2012.org
www.bclf.info
www.dmbj.org.rs

Registration desk

The registration desk located at the Best Western Hotel M will be open for the duration of the Symposium from Tuesday, September 18, to Friday, September 21, 2012, from 9:00 a.m. to 7:00 p.m.

Full registration fee for 20th BCLF Meeting 150.00 EUR

Registration fees may be paid in Euros or Dinars, by bank transfers or in cash at site (see Registration Form).

Registration fee for 8th EFCC Symposium 100.00 EUR

Those interested in participation can register by paying 100 Euro (see Registration Form).

The registration fee includes:

- Admission to all scientific sessions
- Admission to exhibition
- Congress material (programme, abstract book, congress bag, badge, etc.)
- Certificate of attendance
- Coffee breaks
- Lunch
- Meeting Dinner

Payment

All meeting delegates must register in advance of the meeting. Invited speakers will receive a dedicated communication regarding their registration procedure.

Registration can be submitted by regular mail to Meeting Secretariat or by fax (+381 11 3615631) using the Registration form.

Online registration is available at the Meeting website **www.bclf2012.org**

All fees must be paid in Euro by BANK TRANSFER. A copy of the transfer receipt must be sent by fax (+381 11 3615631). Registration without proof of payment cannot be accepted.

On site registrations must be paid by cash only.

The Organizing Secretariat will send confirmation of registration upon receipt of payment by e-mail: be sure your e-mail address is filled in clearly and correctly.

Because only those registered for the meeting will be allowed to attend the scientific sessions, the Organizing Secretariat kindly request that participants show proof of payment when checking in at the registration desk.

Exhibition

An exhibition of laboratory equipment and reagents will take place during the Meeting.

Badges

Badges will be distributed at the registration desk upon arrival. Please attach your badges for admission to all scientific and social activities.

Certificate of participation

The certificate of participation will be issued to those who are properly registered. The certificate of participation will be available at the registration desk and should be picked up just before departure.

Accommodation

A number of rooms have been reserved for the participants' accommodation at the Best Western Hotel M (single room 70 EUR; double room – 90 EUR). Rates are daily per room, including breakfast (in Euros). **Reservations will be made on a »first-come, first-serve« basis before August 10, 2012.**

For room reservation and payment please contact the Hotel:

Best Western Hotel M
Bulevar oslobođenja 56
11000 Belgrade, Serbia
Phone/Fax: + 381 11 30 90 609
+ 381 11 30 90 644
e-mail: office@hotel-m.com
Contact person:
Raco Vuković
Jelena Peković

Opening ceremony and welcome party

Wednesday, September 19, 18:00–21:00

Meeting Dinner

Friday, September 21, 20:30–23:00

Congress language

The official language of the congress will be English.

Visual Equipment

The Meeting hall will be equipped with data video projectors for the speakers' needs.

Internet

The Organizer kindly invites you to visit the Meeting Web pages at www.bclf2012.org

Climate

In September Belgrade enjoys a mild climate. The average daily temperature in Belgrade is about 21 °C.

Transfer from Airport

When you arrive at Belgrade Airport, immediately after passing the Customs, you can find Taxi Info Desk, where you can buy a voucher for a taxi ride straight to your hotel. We strongly recommend you this way of payment. You just have to provide the address of the hotel, and you will be escorted to your vehicle. The price for the taxi ride is approximately 15 EURO.

Public Transportation

If you decide to use Belgrade public transportation, you can purchase ticket in the vehicle, but it is cheaper if you buy it in the kiosk. The price for 10 single ride tickets is approx. 6 EURO. You must validate your ticket when you initiate your ride.

Banking

ATM (automated teller machine) and exchange office are available near the venue.

Internet connection

Wi-fi connection will be possible free of charge at the venue. Username and password required. Instructions will be available at the registration desk.

Medical service

Please contact a member of Hotel reception or person at the registration desk in case of need. For emergencies call 94.

Insurances

The Organizing Committee accepts no liability for personal injuries sustained, for any loss or damage to property belonging to Conference participants, either during or as a result of the Conference.

BELGRADE'S TOP SIGHTS

- Knez Mihajlova Street
- Terazije
- Kalemegdan and Belgrade fortress
- Dorćol
- Republic square and environs
- Skadarlija
- Varoš-kapija zone
- Zeleni Venac and the Sava River Slope
- The Courts
- St. Sava and Vračar Precinct
- Dedinje Courts
- Topčider
- Ada Ciganlija
- Zemun

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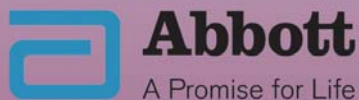
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