



## BCLF 2012 BELGRADE MEETINGS

### 20<sup>th</sup> Meeting of the Balkan Clinical Laboratory Federation

8<sup>th</sup> EFLM Symposium for Balkan Region

18<sup>th</sup> Congress of Medical Biochemists of Serbia

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#### FINAL PROGRAMME



[www.bclf2012.org](http://www.bclf2012.org)

September 18–22, 2012

Best Western Hotel M, Belgrade, Serbia



## AUSPICES

**20<sup>th</sup> Meeting of the Balkan Clinical Laboratory Federation  
8<sup>th</sup> EFLM Symposium for the Balkan Region  
18<sup>th</sup> 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

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E-mail: [dmbj@eunet.rs](mailto:dmbj@eunet.rs)

Website: [www.bclf2012.org](http://www.bclf2012.org)

[www.bclf.info](http://www.bclf.info)

[www.dmbj.org.rs](http://www.dmbj.org.rs)

# INVITATION



*Dear colleagues and friends,*

The Society of Medical Biochemists of Belgrade has the pleasure of inviting you to the 20<sup>th</sup> Meeting of the Balkan Clinical Laboratory Federation to be held in Belgrade, on September 18–22, 2012, joined together with the 8<sup>th</sup> EFLM Symposium for the Balkan Region and 18<sup>th</sup> 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 11<sup>th</sup> 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 9<sup>th</sup> century.

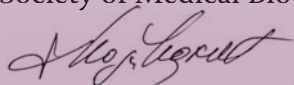
Belgrade lies at the mouth of two rivers, the Danube and the Sava, under the Avala mountain, and these are the silent witnesses of a long and bloody history of the city that has always risen from ashes, like the Phoenix, each time bigger and more beautiful.

The 20<sup>th</sup> 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 20<sup>th</sup> Balkan Clinical Laboratory Federation Meeting and 8<sup>th</sup> Symposium for the Balkan Region, as well as the 18<sup>th</sup> 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.

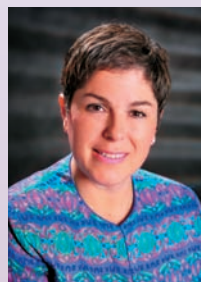
I am looking forward to the Scientific Programme and I wish you an enjoyable and satisfactory meeting.

EFLM PRESIDENT

A handwritten signature in black ink, which appears to read 'Ian D. Watson'. The signature is fluid and cursive, with a long horizontal stroke at the end.

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 20<sup>th</sup> Meeting of the Balkan Clinical Laboratory Federation, to be held in Belgrade, on September 18–22, 2012.

In support of our mission, 20<sup>th</sup> 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.

20<sup>th</sup> 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 20<sup>th</sup> BCLF Meeting and your stay in Belgrade too.

BCLF President

  
Prof. Anyla Bulo-Kasneci



## **PRESIDENTS OF THE 20<sup>th</sup> 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

## 8<sup>th</sup> 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**

### **8<sup>th</sup> 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](mailto:dmbj@eunet.rs)  
Website: [www.dmbj.org.rs](http://www.dmbj.org.rs)

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**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



# 20<sup>th</sup> 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, 20<sup>th</sup> and Friday, 21<sup>st</sup> September*)

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

### POSTERS PRESENTATIONS ON THURSDAY, 20<sup>th</sup> 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 Brkić<sup>1</sup>, Svetlana Trifunović, Vladimir Ajdžanović<sup>2</sup>,  
Nataša Ristić<sup>2</sup>, Jasmina Pantelić<sup>2</sup>, Ivana Medigović<sup>2</sup>, Verica Milošević<sup>2</sup>

<sup>1</sup>»Beo-Lab« Laboratory, Belgrade, Serbia

<sup>2</sup>Institute 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 Manolov<sup>1</sup>, Nikola Stanchev<sup>2</sup>, Vasil Vasilev<sup>1</sup>

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

<sup>2</sup>Medical University, »Alexandrov« Hospital –  
Department of Gastroenterology, Sofia, Bulgaria

**P009 I-FABP AND INTESTINAL BOWEL DISEASES**

Victor Manolov<sup>1</sup>, Nikola Stanchev<sup>2</sup>, Vasil Vasilev<sup>1</sup>

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

<sup>2</sup>Medical University, »Alexandrov« Hospital – Department of  
Gastroenterology, Sofia, Bulgaria

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

Victor Manolov<sup>1</sup>, Emil Manov<sup>2</sup>, Vasil Vasilev<sup>1</sup>

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

<sup>2</sup>Medical University, »Alexandrov« Hospital – Department of  
Cardiology, Sofia, Bulgaria

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

Merita Xhetani<sup>1</sup>, Irena Seferi<sup>1</sup>, Yann Fichou<sup>3</sup>, Grigor Zoraqi<sup>2</sup>

<sup>1</sup>National Blood Transfusion Center

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

<sup>3</sup>Inserm 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 Dumache<sup>2</sup>, Maria Puiu<sup>1</sup>, Radu Minci<sup>1</sup>, Anca Tudor<sup>1</sup>,  
Sorina Popescu<sup>1</sup>, Carmen Haivas<sup>1</sup>, Bogdan Bumbacila<sup>4</sup>  
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 Manolov<sup>1</sup>, B. Atanasova<sup>1</sup>, Kamen Tzatchev<sup>1</sup>, E. Hadjiev<sup>2</sup>  
<sup>1</sup>Department of Clinical Laboratory and Clinical Immunology,  
Medical University – Sofia, Central Clinical Laboratory –  
»Alexandrov« Hospital  
<sup>2</sup>Propedeutic 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 Udristioiu<sup>1</sup>, Manole Cojocar<sup>2</sup>, Florin Mitu<sup>3</sup>  
<sup>1</sup>Clinical Laboratory, Emergency County Hospital, Targu Jiu, Romania  
<sup>2</sup>Department of Physiology, Faculty of Medicine, Titu Maiorescu  
University, Bucharest, Romania  
<sup>3</sup>Mecro System SRL, Bucharest, Romania

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

Merita Xhetani<sup>1</sup>, Irena Seferi<sup>1</sup>, Yann Fichou<sup>2</sup>, Grigor Zoraqi<sup>3</sup>  
<sup>1</sup>National Blood Transfusion Center  
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**P016 MOLECULAR CHARACTERIZATION OF THE RHD  
FETAL GENE IN ALLOIMMUNIZED RHD  
NEGATIVE MOTHERS**

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

Anila Beqja-Lika<sup>1</sup>, Anyla Bulo-Kasneci<sup>1</sup>, Etleva Refatllari<sup>1</sup>,  
Nevila Heta-Alliu<sup>1</sup>, Kleva Shpati<sup>3</sup>, Alma Barbullushi<sup>1</sup>, Anila Mitre<sup>2</sup>

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**P018 DIAGNOSTIC ACCURACY OF SERUM PROCALCITONIN IN SEVERE BACTERIAL INFECTIONS**

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

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

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

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

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

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**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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Dragana Stanković-Ferlež<sup>1</sup>, Jasna Lalić<sup>1</sup>, Vidosava Đorđević<sup>1</sup>

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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**

Marija Krstevska<sup>1</sup>, Nenad Zlatanović<sup>2</sup>, Gordana Bosilkova<sup>1</sup>,  
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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**

Tülin Ayşe Özden<sup>1</sup>, Gülbin Gökçay<sup>2</sup>, Özlem Durmaz<sup>3</sup>, Beyhan Ömer<sup>4</sup>,  
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**P042 THE RELATIONSHIP BETWEEN HLA-G LEVELS AND OXIDATIVE STRESS PARAMETERS IN PATIENTS WITH BREAST CANCER**

Nedret Kiliç, Sema Bozalioglu, Zuhail Yildirim, Bilkay Basturk, Osman Kurukahveci  
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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**

Ana Belazelkowska<sup>1</sup>, Mirjana Popovska<sup>1</sup>, Svetlana Cekovska<sup>2</sup>, Kristina Mitić<sup>1</sup>  
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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**

Jovanka Tuteska<sup>1</sup>, Velimir Stojkovski<sup>2</sup>, Mila Arapceska<sup>3</sup>,  
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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**

Durdi Qujeq<sup>1,2</sup>, Mohsen Tatar<sup>2</sup>, Farideh Feizi<sup>3</sup>, Hadi Parsian<sup>1,2</sup>,  
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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**

Anđelo Beletić<sup>1</sup>, Valentina Đorđević<sup>2</sup>, Ivana Canić<sup>1</sup>, Tina Kocić<sup>3</sup>, Ilija Kuzmanović<sup>3</sup>, Milka Golubović<sup>1</sup>, Duško Mirković<sup>4</sup>, Dragica Radojković<sup>2</sup>, Nada Majkić-Singh<sup>4</sup>

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

Jelica Đorđević<sup>1</sup>, Mirjana Stojković<sup>2</sup>, Milica Stojković<sup>2</sup>, S. Dragašević<sup>2</sup>, S. Momirović<sup>2</sup>

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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**

Rukiye Nar<sup>1</sup>, Abdülkerim Bedir<sup>2</sup>, Hasan Alaçam<sup>2</sup>, Veli Kılınç<sup>2</sup>, Bahattin Avcı<sup>2</sup>, Osman Şalış<sup>3</sup>, Sedat Gülten<sup>2</sup>

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**P062 BIOACCUMULATION OF PERFLUOROOCTANE SULFONATE IN THE MOUSE LIVER**

Jasna Bogdanska<sup>1</sup>, M. Sundström<sup>2</sup>, M. Abedi Valugerdı<sup>1</sup>,

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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**

Slavica Kundalić<sup>1</sup>, Braca Kundalić<sup>2</sup>, Vladan Ćosić<sup>1</sup>, Lilika Zvezdanović<sup>1</sup>,

Dragana Stanković-Ferle<sup>1</sup>, Tanja Đorđević<sup>1</sup>, Sne`ana Madić<sup>1</sup>, Mirjana

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## POSTERS PRESENTATIONS ON FRIDAY, 21<sup>th</sup> September

Chairs: *Sanja Stanković* (Serbia)

*Vladan Ćosić* (Serbia)

### 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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Humeyra Çiçekler<sup>1</sup>, Said Sami Erdem<sup>2</sup>, Ekrem Erbay<sup>3</sup>, Sibel Döşeyici<sup>4</sup>, Fatma Hümeýra Yerlikaya<sup>3</sup>

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Vladan Ćosić, Lilika Zvezdanović, Tatjana Ristić, Slavica Kundalić, Vidosava Đorđević

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Adriana Babameto, Skerdi Prifti, Bashkim Resuli

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Lidija Veljanoska<sup>1</sup>, Zoranco Petanovski<sup>2</sup>, Valentina Sotiroska<sup>3</sup>,  
Birol Aydin<sup>4</sup>, Damjan Suslevski<sup>5</sup>,  
Stefan Saltirovski<sup>6</sup>, Vladimir Matevski<sup>7</sup>, Gligor Dimitrov<sup>8</sup>,  
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A. Koteli  
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Dragana Vukosavljević<sup>1</sup>, Nebojša Antonijević<sup>2</sup>, Vera Stjepanović<sup>1</sup>,  
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Murat Çakır<sup>1</sup>, Ahmet Tekin<sup>1</sup>, Tevfik Küçükkartallar<sup>1</sup>, Hüsamettin Vatansev<sup>2</sup>, Hüseyin Yılmaz<sup>3</sup>, H. Hasan Esen<sup>4</sup>, Adil Kartal<sup>1</sup>

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Ozlem Goruroglu Ozturk<sup>1</sup>, Oguz Uskudar<sup>2</sup>, Abdullah Tuli<sup>1</sup>,

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Said Sami Erdem<sup>1</sup>, Aysun Toker<sup>2</sup>, Mehmet Kayrak<sup>3</sup>, Hümeysra Çiçekler<sup>4</sup>, Gülsüm Gönülalan<sup>5</sup>, Turyan Abdulhalikov<sup>3</sup>, Fatma Hümeysra Yerlikaya<sup>2</sup>, Ahmet Kaya<sup>5</sup>

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**P112 TOTAL ANTIOXIDANTS IN THE PLASMA OF HEMODIALYSED PATIENTS AND HEALTHY CONTROLS AS MEASURED BY TWO COMMERCIAL ASSAYS**

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**P113 TOTAL PSA, DIGITAL RECTAL EXAMINATION, ULTRASONOGRAPHY, AND PSA DENSITY AS CRITERIA FOR A PROSTATE BIOPSY REQUEST**

Tatjana Ruskovska<sup>1</sup>, Bobi Stojanovski<sup>2</sup>, Viktorija Maksimova<sup>1</sup>,  
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**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**

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

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**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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Mariana Anton<sup>2</sup>, Monica Barsan<sup>1</sup>, Florentina Gatea<sup>3</sup>

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<sup>3</sup>National Institute of Research and Development for Biological  
Sciences, Bucharest, Romania

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

Elena Lupeanu<sup>1</sup>, Gianina Ioana Constantin<sup>1</sup>, Bogdan Morosanu<sup>1</sup>,  
Monica Barsan<sup>1</sup>, Mariana Anton<sup>2</sup>, Rodica Hnidei<sup>1</sup>, Petru Gherasim<sup>1</sup>,  
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<sup>2</sup>Coltea Clinical Hospital, Bucharest, Romania

**P120 MARKERS OF EARLY INFLAMMATORY  
POLYARTHRITIS**

Zoran Mijušković<sup>1</sup>, Janko Pejović<sup>1</sup>, Vesna Subota<sup>1</sup>, Sandra Živanović<sup>2</sup>,  
Tomislav Nedeljković<sup>2</sup>, Jelica Stojanović<sup>3</sup>

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<sup>3</sup>Faculty of Natural Sciences and Mathematic, University of Kragujevac,  
Serbia

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

Milena Bojilova<sup>1</sup>, Nedjalko Kalachev<sup>1</sup>, Anna Tzontcheva<sup>2</sup>

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<sup>2</sup>Medical University Sofia, Bulgaria

**P122 DETECTION OF SERUM PROTEIN PROFILE CHANGES  
IN ATHEROSCLEROSIS**

Tomris Özben<sup>1</sup>, Evrim Dursun<sup>1</sup>, Beste Ozben<sup>2</sup>, Emanuela Monari<sup>3</sup>,  
Elisa Bellei<sup>3</sup>, Aurora Cuoghi<sup>3</sup>, Aldo Tomasi<sup>3</sup>

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Istanbul, Turkey

<sup>3</sup>University of Modena, Medical Faculty, Department of Laboratory  
Medicine Modena, Italy

**P123 OXIDATIVE STRESS AND ANTIOXIDANTS IN CANCER**

Tomris Özben

Akdeniz University, Faculty of Medicine, Department of Biochemistry,  
Antalya, Turkey

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

Neda Milinković<sup>1</sup>, Svetlana Ignjatović<sup>1,2</sup>, Miloš Žarković<sup>3</sup>,

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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

Afzalipour School of Medicine, Kerman, Iran

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

Ahmad Gholamhoseinian<sup>1,2</sup>, Sam Nouroozi<sup>1</sup>, Gholam Abbas

Mohammadi<sup>1</sup>, Seid Noroddin Nematollahi<sup>3</sup>

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<sup>3</sup>Department of Anatomy, Afzali-pour Medical School, Kerman, Iran

**P127 NEUROENDOCRINE DISORDERS CAUSED BY HEROIN ABUSE**

D. Janičević-Ivanovska<sup>1</sup>, A. Spasovska-Trajkovska<sup>2</sup>, Z. Pereska<sup>3</sup>

<sup>1</sup>University Clinic Of Clinical Biochemistry

<sup>2</sup>University Clinic Of Psychiatry

<sup>3</sup>University Clinic of Toxicology

University Clinic Center, Skopje, Macedonia

**P128 THYROID DYSFUNCTION IN PATIENTS WITH  
DIABETES MELLITUS TYPE 1**

Adem Musliu<sup>1</sup>, Mynyr Koni<sup>1</sup>, Milazim Shabani<sup>2</sup>

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Tirana, Albania

<sup>2</sup>Department of Chemistry, Faculty of Natural Sciences, University of  
Tirana, Albania



**P129 NEPHROTOXIC EFFECT OF NSAID'S IN PATIENTS WITH RHEUMATOID ARTHRIT**

Adem Musliu<sup>1</sup>, Mynyr Koni<sup>1</sup>, Dritan Topi<sup>2</sup>, Milazim Shabani<sup>2</sup>

<sup>1</sup>Department of Biology, Faculty of Natural Sciences, University of Tirana, Albania

<sup>2</sup>Department of Chemistry, Faculty of Natural Sciences, University of Tirana, Albania

**P130 ENVIRONMENTAL CAUSES OF LUNG CANCER**

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**P131 ASSESSMENT OF FETAL LUNG MATURITY – AMNIOTIC FLUID LAMELLAR BODY COUNT ON COBAS MICROS 60 AND NIHON-KOHDEN**

N. Cokrevska Zografska<sup>1</sup>, D. Lazarova<sup>1</sup>, G. Petrovska, A. Pasoski<sup>2</sup>

<sup>1</sup>CH Acibadem Sistina, Skopje, Skupi 5A, Macedonia

<sup>2</sup>PZU 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-Fraseri<sup>1</sup>, Najada Gjylameti<sup>2</sup>, Dhimiter Kraja<sup>3</sup>,  
Najada Como<sup>3</sup>, Arjan Harxhi<sup>3</sup>, Arben Pilaca<sup>3</sup>, Pellumb Pipero<sup>3</sup>

<sup>1</sup>University of Tirana, Faculty of Nursing, Infectious Diseases, Tirana, Albania

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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](mailto:dmbj@eunet.rs)  
Website: [www.bclf2012.org](http://www.bclf2012.org)  
[www.bclf.info](http://www.bclf.info)  
[www.dmbj.org.rs](http://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 20<sup>th</sup> 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 8<sup>th</sup> 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](http://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](mailto: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](http://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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