



# CONFERENCE

## Modern Molecular- biochemical Markers in Clinical and Experimental Medicine - 2018

31 October – 02 November 2018,  
Prague, Czech Republic,

<https://escbm.org/conferences/view/modern-molecular-biochemical-markers-in-clinical-and-experimental-medicine-2018>



**ESCBM, <https://escbm.org>**

## Primary Scientific Programme

### Design

#### Satellite symposia

1. Biological markers in Theoretical and Clinical Medicine (Biological Markers in cardiology, neurology, internal diseases, molecular-genetic markers SNPs).
2. Biological markers in Immunology and Allergy.
3. Biological markers in Dentistry (Markers of Bone Tissue, Inflammation, Oxidative stress, Implantology). Master class will include presentation of the monography “Biomarkers in Bone Disease” Editors: Patel, Vinood B., Preedy, Victor R., Springer, 2017.

#### Master classes:

1. «Genomic medicine. Next-generation sequencing». «Ethical challenges in genomic medicine »
2. Modern Molecular Genetic Markers (SNPs) in Theoretical and Clinical Medicine
3. Biological markers in Dentistry
4. Modern Biological Markers in cardiology, neurology, internal diseases.
5. How should scientists write the best articles? The main principles of “scientific literacy”

6. Modern approaches to the choice of the new biological markers in the medical and biological researches.

7. Biological sample collection, processing, storage for testing of the biological markers.

8. Modern requirements to the mathematical analysis of the results of medical and biological researches.

9. Modern methods of the detection of biological markers.

## Moderators of symposia & Speakers:

**Daniel Petrovic MD PhD**, Professor (Full), University of Ljubljana, Ljubljana Institute of Histology and Embryology

**Borut Peterlin**, Professor, University of Ljubljana, Clinical Institute of Medical Genetics, Head of Institut.

**Ioana Mozos**, MD, PhD, Professor Victor Babes University of Medicine and Pharmacy of Timisoara, Romania.

**Md. Shahidul Islam**, M.D., Ph.D. Professor, Group Leader, Senior Consultant Physician, Internal Medicine Karolinska Institutet, Department of Clinical Sciences and Education, Sodertorsjukhuset. Stockholm, Sweden

**Alexander Berezin**, Professor, **Chief Editor** "Diabetes Research and Treatment", «J Stem Cell & Regenerative Biology», «Biological Markers and Guided Therapy», **Co-redactor** «BBA Clinical», "International Journal of Biochemistry & Physiology", Elsevier Book Series «Biomarkers in Cardiovascular Medicine» and Springer Book Series «Biological Markers in Diseases»

**31 October 2018, Wednesday**

Lecture center ABF  
Hall A

**11.00-12.00 – Welcome reception, registration**

**12.30 - Opening ceremony**

**13.00-14.30 – Plenary sessions**

**14.30 – 15.00 – Coffee break**



Lecture center ABF  
Hall A

**15.00 – 17.30 Master classes:**

*«Genomic medicine. Next-generation sequencing». «Ethical challenges in genomic medicine»*

*How should scientists write the best articles? The main principles of "scientific literacy"*

01 November 2018, Thursday

10.00-14.00 - Satellite symposiums.

12.00 – 12.30 – Coffee break



**Satellite symposium 1**

Lecture center ABF  
Hall A

**Biological markers in Theoretical and Clinical Medicine (Biological Markers in cardiology, neurology, internal diseases, molecular-genetic markers SNPs).**

*Competition of the scientific works of the young researchers.*

**Satellite symposium 2**

Lecture center ABF  
Hall A

**Biological markers in Immunology and Allergy.**

*Competition of the scientific works of the young researchers.*

**Satellite symposium 3**

Lecture center ABF  
Hall B

**Biological markers in Dentistry (Markers of Bone Tissue, Inflammation, Oxidative stress, Implantology).**

*Competition of the scientific works of the young researchers.*

14.30-17.30 – Master classes

16.00-16.20 - Coffee break



Lecture center ABF  
Hall A

Master classes:

***Modern Molecular Genetic Markers (SNPs) in Theoretical and Clinical Medicine  
Modern Biological Markers in cardiology, neurology, internal diseases.***

***Modern approaches to the choice of the new biological markers in the medical and biological researches.***

Lecture center ABF  
Hall B

Master classes:

***Biological markers in Dentistry***

**Biological sample collection, processing, storage for testing of the biological markers.**

**Modern requirements to the mathematical analysis of the results of medical and biological researches.**

**Modern methods of the detection of biological markers.**

**02 November 2018, Friday**

**10.00-13.00 - Satellite symposiums.**

**13.00 – 13.20 – Coffee break**



### **Satellite symposium 1**

**Lecture center ABF  
Hall A**

**Biological markers in Theoretical and Clinical Medicine (Biological Markers in cardiology, neurology, internal diseases, molecular-genetic markers SNPs).**

*Debate and Q&A with audience*

### **Satellite symposium 2**

**Lecture center ABF  
Hall A**

**Biological markers in Immunology and Allergy.**

*Debate and Q&A with audience*

### **Satellite symposium 3**

**Lecture center ABF  
Hall B**

**Biological markers in Dentistry (Markers of Bone Tissue, Inflammation, Oxidative stress, Implantology).**

*Debate and Q&A with audience*

**Lecture center ABF  
Hall A**

**13.30 – Closing ceremony, Closing remarks, Awards ceremony.**

*Please, note that the programme is subject to change, and will be updated continuously up to the conference. If you have any comments or questions directly to the programme, please contact ESCBM: [escbm@escbm.org](mailto:escbm@escbm.org). Read more on our website: <https://escbm.org>.*

*Recommended structure of the oral presentations of the participants is the following: introduction, purpose, methods, results, conclusions. Approximate duration is not more than 15 minutes.*



**ESC BIOMARKERS**

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**BIOLOGICAL MARKERS IN  
FUNDAMENTAL AND CLINICAL  
MEDICINE**

*COLLECTION OF ABSTRACTS*

**VOL. 1**  
**№ 1, 2017**

Collection of abstracts “**Biological Markers in Fundamental and Clinical Medicine**” (official specialized scientific journal of The Czech Republic, registration number MK **CR E 22955**) by the publishing center of The European Scientific Center “Biomarkers” (ESCBM) provides its lanes for information materials in the field of scientific research of modern biological markers in clinical and experimental medicine, pharmacy, and fundamental biology. The collection publishes abstracts of scientific and practical conferences, seminars, symposia, dedicated to the study of molecular-biochemical and functional markers, playing a role in pathogenesis, diagnosis, prognosis, as well as assessing the monitoring of the treatment effectiveness for the various systems and organs diseases. Among the priority topics of the journal there is the research of molecular mechanisms of diseases pathogenesis, the study of the structure and functions of peptides, nucleic acids, nucleotides, lipids and other biologically active components of body cells.

The collection is intended for fast and systematic publication of abstracts, containing the results of author’s research, reviews highlighting major developments in the field of biological markers, short messages, new experimental and clinical studies, which use biological markers, as well as proposing new principles and methods for the study of biological markers.

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