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**JOSIP JURAJ STROSSMAYER UNIVERSITY OF OSIJEK**  
**SCIENTIFIC CENTER OF EXCELLENCE FOR PERSONALIZED  
HEALTH CARE**

Research unit "RESEARCH, PRODUCTION AND MEDICAL TESTING OF FUNCTIONAL FOOD", Research groups: Faculty of Agrobiotechnical Sciences Osijek (FAZOS), Department of Chemistry (OKEM) and Faculty of Medicine (MEFOS) within the SCE Center of Excellence for Personalized Health Care ((KK.01.1.1.01.0010) invite you to participate at

**Round Table**

**„INFLUENCE OF FUNCTIONAL FOOD ON HEALTH“**

**which will be held**

**June 11-12, 2019**

**P r o g r a m**

**Tuesday, June 11, 2019**

**Place of event: Faculty of Agrobiotechnical Sciences Osijek (Faculty Hall, 1<sup>st</sup> floor)  
V. Preloga 1, Osijek, Croatia**

**10:00 Welcome speech: Prof. Ines Drenjančević, M.D., Ph.D.**

**Preliminary research results**

**10:10 Assist. Prof. Aleksandar Sečenji, Ph.D.** (Head of OKEM research group of SCE Project):  
*DEVELOPMENT OF NEW METHODS FOR QUANTIFICATION OF ANTIOXIDANT PROPERTIES OF  
BIOLOGICAL MATERIALS*

**10:25 Prof. Emer. Dr. Dr. h. c. Gordana Kralik** (Head of Elements 5 and 6 of SCE Project, Nutricin j.d.o.o.):  
*ENRICHMENT OF TABLE EGGS WITH n-3 PUFA (PILOT RESEARCH)*

**10:40 Assist. Prof. Anita Matić** (Member of MEFOS research group of SCE Project):  
*THE EFFECT OF n-3 ENRICHED EGGS CONSUMPTION ON THE LEVEL OF OXIDATIVE STRESS IN  
YOUNG HEALTHY HUMANS*

**10:55-11:10 Coffee break**

**Host lecturers:**

**11:10 Prof. Daniela Čačić Kenjerić, Ph.D.** (Faculty of Food Technology Osijek)  
*FUNCTIONAL PRODUCTS OF ANIMAL ORIGIN*

**11:30 Prof. Akos Koller MD; PhD, DSc** (Faculty of Health Sciences, Semmelweis University; University of Physical Education, Budapest; Medical School, University of Pécs, HU; New York Medical College, Valhalla, NY, USA):  
*ADAPTATION OF CORONARY CIRCULATION TO EXERCISE;*

**11:50 Prof. Istvan Sokodi, Ph.D.** (Heart Institute, Medical School, University of Pécs, HU):  
*ROLE OF REACTIVE OXYGEN SPECIES IN THE REGULATION OF CARDIAC FUNCTION*

**12:10 Dr. Bettina Patai** (Military Hospital, Budapest, HU):  
*POTENTIAL ROLE OF N-3 PUFAS IN EXERCISE*

**12:30 Béla Zoltán Debreczeni MD, PhD** (DrD Plastic Surgery Studio Budapest, HU):  
*OXIDATIVE STRESS IN SMALL VEINS*

**12:50 Discussion and Conclusion**

**„Project co-financed by the European Union from the Operational Programme Competitiveness  
and Cohesion**



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HEALTH CARE**

**WEDNESDAY, June 12, 2019**

**Workshop:  
BASICS OF FLOW CYTOMETRY**

(within the SCE for Personalized Health Care)

**Place of event:** Faculty of Medicine Osijek (MEFOS), J. Huttlera 4

**Head:** Assoc. Prof. Martina Mihalj, M.D., Ph.D.

**Associates:** Assist. Prof. Anita Matić, Ph.D.

**Lectures:** Lecture hall "Practicum for physiology and pharmacology" 1<sup>st</sup> floor (MEFOS); **Exercises:** Laboratory for molecular and clinical immunology (MEFOS)

**09:00-09:30** INTRODUCTION TO FLOW CYTOMETRY (M. Mihalj)

**09:30-10:00** CONTROLS IN FLOW CYTOMETRY (M. Mihalj)

**10:00-10:30** SPILLING OVER AND SPREADING ERROR IN FLOW CYTOMETRY (BD specialists)

**10:30-11:00** FLOW CYTOMETRY APPLICATIONS IN RESEARCH (BD specialists)

**10:30-11:00** **Coffee break**

**11:00-12:00** Practice part I: *Praktični dio I: IMMUNOPHENOTYPING OF HUMAN LEUKOCYTES FROM PERIPHERAL BLOOD ON THE BD FACS CANTO II DEVICE* (A. Matić, M. Mihalj)  
Practice part II: ANALYSIS OF THE RESULTS OBTAINED IN *FlowLogic* SOFTWARE (A. Matić, M. Mihalj)

**11:00-12:00** Practice part I: IMMUNOPHENOTYPING OF HUMAN LEUKOCYTES FROM PERIPHERAL BLOOD ON THE *BD FACS CANTO II DEVICE* (A. Matić, M. Mihalj)  
Practice part II: ANALYSIS OF THE RESULTS OBTAINED IN *FlowLogic* SOFTWARE (A. Matić, M. Mihalj)

The workshop is intended for researchers involved in the work processes of SCE-PHC and external associates.

Please confirm your arrival **by June 7, 2019** to Email: [martina.mihalj@gmail.com](mailto:martina.mihalj@gmail.com) (workshop) and [Danica.Hanzek@fazos.hr](mailto:Danica.Hanzek@fazos.hr) (round table).

Sincerely yours,

Prof. Ines Drenjančević, M.D, Ph.D.  
Head of Research Unit within SCE Project:

Osijek, May 30, 2019

**„Project co-financed by the European Union from the Operational Programme  
Competitiveness and Cohesion“**