



Leading European Nephrology



**FACULTY OF MEDICINE
UNIVERSITY OF SARAJEVO**



ERA-EDTA CME Course

“Nephrology Applied Omics”

24th (Saturday) September 2016 in Sarajevo, Bosnia and Herzegovina

Organized by the:

- Society of Nephrology, Dialysis and Kidney Transplantation in Bosnia and Herzegovina (UNDT BiH)
- University of Sarajevo, Faculty of Medicine
- Clinic for Hemodialysis, Clinical Centre University of Sarajevo, Bosnia and Herzegovina
- Unit of Clinical Biochemistry and Human Nutrition, Department of Pharmaceutical Sciences, University of Perugia, Pole of Via del Giochetto, building B, 06126, Perugia, Italy
- Auspices: ERA-EDTA

Local organizer: Prof.dr. Halima Resic, Prof. dr. Emina Kiseljakovic

Registration: 8:30 - 9:00

PROGRAM

Opening ceremony 9:00 -9:30

- *Francesco Galli* - University of Perugia, Italy
- *Almira Hadzovic-Dzuvo*; Dean - Faculty of Medicine, Sarajevo, Bosnia and Herzegovina
- *Halima Resic* - Clinic for Hemodialysis, University Clinical Centre Sarajevo, Bosnia and Herzegovina
- *Zaim Jatic* - President of Center for Continuing Medical Education, Faculty of Medicine, Sarajevo, Bosnia and Herzegovina

1. Session A: Omics in CKD

Chairs: *Resic Halima, Vanholder Raymond*

9:30-10:15 - *Francesco Galli* „The Omics era: terminology, methodological approach and technologies“

10:15-11:00 - *Raymond Vanholder*: „Metabolic changes in CKD and AKI in a omics perspective“



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11:00-11:45 Coffee break

2. Session B: Omics of AKI and Emerging aspects in lipidomics/metabolomics

Chairs: *Galli Francesco, Simic Tanja*

11:45-12:30 - Raymond Vanholder: „Omics of protein-bound solutes and role of the intestine in their generation“

12:30-13:15 - *Francesco Galli*: „Emerging aspects in clinical lipidomics and the metabolome of fat-soluble vitamins in CKD“

13:15-14:30 Lunch

3. Session C: Omics of the stress response, CKD comorbidity and dialysis adequacy

Chairs: *Kiseljakovic Emina, Tatjana Simic*

14:30-15:05 - *Tatjana Simic*: „Molecular and functional interpretation of the stress response and polymorphic expression of genes associated with cardiovascular and cancer risk in CKD“

15:05-15:40 - *Sanja Simic*: „The Serbian trial on blood GSTP as novel biomarker of dialysis adequacy and dosage“

15:40 General discussion - „Take home messages“

Chairs: Halima Resic, Francesco Galli and Vanholder Raymond

16:30 - Closing remarks and certifications