

Nutraceuticals in balancing redox status in ageing and age-related diseases

Belgrade, 2-3rd March 2020

<https://sites.google.com/view/costmeetingbelgrade/home>



Picture of Belgrade from the TOS archive

Local organizer

Faculty of Pharmacy, University of Belgrade

Local co-organizers

Institute for Biological Research „Siniša Stanković“ National Institute of Republic of Serbia

Institute for the Application of Nuclear Energy-INEP

Institute for Medical Research, National Institute of Republic of Serbia

Venue

Hotel M Belgrade

Bulevar Oslobođenja 56a, 11000 Belgrade

<http://www.hotel-m.com/en/>

Program Outline

2nd March, Monday

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| 09:00 -10:00 | Registration |
| 10:00-10:30 | Welcome |
| 10:30-12:00 | <p>Invited presentations (25 min each + 5 min discussion)</p> <p>Chairpersons: Mustapha Cherkaoui Malki (University of Burgundy)& Sladjana Sobajic (University of Belgrade)</p> <p>Haslberger, A.G. (Department of Nutritional Sciences, University of Vienna, Austria): Effects of nutrition on epigenetic regulation of aging</p> <p>Angelino, D. (University of Teramo, Teramo, Italy): Polyphenols and cognitive health: the “gut-brain axis” behind the (happy ending) story?</p> <p>Krga, I. (Centre of Research Excellence in Nutrition and Metabolism, Institute for Medical Research, University of Belgrade, Serbia): Flavanoids modulate endothelial function through complex molecular mechanisms of action</p> |
| 12:00-13:00 | Lunch |
| 13:00-14:30 | <p>Oral communications – WG2 (12 min each + 3 min discussion)</p> <p>Chairpersons: Josep A. Tur (University of the Balearic Islands & CIBEROBN) & Svetlana Dinić (University of Belgrade)</p> <p>Đorđević, M.M. (Department for Molecular Biology, Institute for Biological Research “Siniša Stanković”, National Institute of Republic of Serbia, University of Belgrade, Serbia): Beneficial effects of <i>Centaurium erythraea</i> extract on glycemic control and insulin level in diabetic rats</p> <p>Gligorijević, N. (Institute for the Application of Nuclear Energy, University of Belgrade, Serbia): Interaction of fibrinogen with biologically active small ligands</p> <p>Perez-Novo, C.A. (Department of Biomedical Sciences, Laboratory of Protein chemistry, Proteomics & Epigenetic Signalling, University of Antwerp, Antwerp, Belgium): Applying a peptidome based kinase activity profiling platform in Alzheimer’s disease models</p> <p>Zrnić Ćirić, M. (Faculty of Pharmacy, University of Belgrade): May thirteen weeks of octacosanol supplementation affect prooxidant-antioxidant balance in patients on atorvastatin therapy</p> <p>Tauber, S. (Friedrich Schiller University Jena, Institute of Nutrition, Nutrigenomics, Jena, Germany): Studies on S-nitrosation in HEK293 cells after treatment with NO donors.</p> |

Timić, J. (Faculty of Pharmacy, University of Belgrade, Serbia):
Determination of total lipids and fatty acids profile in cocoa-based products and confectionery products

14:30-15:00

Coffee break

15:00-16:30

WG meetings

16:30-18:00

Panel discussion

20:00

Dinner – National restaurant *Tri šešira* (Three hats) at Skadarlija - Belgrade Bohemian downtown area

Group transport will be organized. Dinner guests should be in front of the reception area at 19:00.

3rd March, Tuesday

9:30-11:00

STSM presentations 1 (from WG2) (10 min each + 3 min discussion)

Chairpersons: Mourad Elhabiri (University of Strasbourg) & Miloš Šunderić (University of Belgrade)

Bouzas, C. (University of the Balearic Islands, IDISBA & CIBEROBN, Spain): Mediterranean diet and desired weight loss in overweight adults

Carecho, R. (Universidade NOVA de Lisboa, Portugal): Brain uptake of low molecular weight (poly)phenol metabolites

Carregosa, D. (CEDOC, NOVA Medical School, Faculdade de Ciências Médicas, Universidade NOVA de Lisboa, Lisboa, Portugal; iBET, Instituto de Biologia Experimental e Tecnológica, Oeiras, Portugal): LIMBo Project: Low molecular weight (poly)phenol metabolites as modulators of microglia inflammatory response

Gerić, M. (Institute for Medical Research and Occupational Health, Croatia): Assessing nutritional and lifestyle determinants in human populations

Holota, S. (Danylo Halytsky Lviv National Medical University, Ukraine): Evaluation of sulfur containing synthetic isosteric analogues of chalcones and aurones as possible redox modulators

Jakubek, P. (Faculty of Chemistry, Gdańsk University of Technology, Poland): The impact of catechins on DNA methylation level within promoter area of sulfiredoxin-1 gene in HT29 cell line

Yilmaz, A.M. (Department of Biochemistry, School of Medicine & Genetic and Metabolic Diseases Research and Investigation Center; Marmara University, Istanbul, Turkey): Exosome related communication between hepatocellular cancer cells and neighboring cells

11:00-11:30

Coffee break

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| 11:30-12:30 | <p>STSM presentations 2 (from WG4) (10 min each + 3 min discussion) Chairpersons: Caroline Gaucher (Université de Lorraine) & Aleksandra Uskoković (University of Belgrade) Chartoumpekis, D. (Service of Endocrinology and Diabetology, Lausanne University Hospital, Lausanne, Switzerland; Division of Endocrinology, Department of Internal Medicine, University of Patras, Patras, Greece): The genomic response of murine thyroid to excess iodine: role of the Nrf2 antioxidant response Gilmartin, S. (Teagasc Food and Research Centre, Moorepark, Fermoy; School of Food and Nutritional Science, University College Cork, Co. Cork, Ireland): Effect of bioavailable whey peptides on oxidative biomarkers in microglial cells Shanahan, C.W. (Department of Biological Sciences, Cork Institute of Technology, Ireland; Teagasc Food Research Centre, Moorepark, Ireland): Determination of advanced glycation end-products in infant formula produced by thermal or cascade membrane filtration Vidovic, B. (Department of Bromatology, Faculty of Pharmacy, University of Belgrade, Belgrade, Serbia): Is erucin a promising bioactive against renal cell carcinoma?</p> |
| 12:30-13:30 | Lunch |
| 13:30-14:30 | <p>Oral communications – WG3, WG4 (15 min each + 5 min discussion) Chairpersons: Linda Giblin (Teagasc Food Research Centre) & Bojana Vidovic (University of Belgrade) Latruffe, N. (Bio-PeroxiL, Faculty Gabriel Université de Bourgogne F21000, Dijon, France) : From dietary resveratrol to derivatives. Attempts for new targets and for bio-availability improvement Antosiewicz, J. (Department of Bioenergetics and Physiology of Exercise, Medical University of Gdansk, Poland): The role of p66Shc signaling axis in diallyl trisulfide induced cell death and formation of reactive oxygen species Elhabiri, M. (Chimie Bioorganique et Médicinale, Laboratoire d'Innovation Moléculaire et Applications LIMA (UMR 7042), CNRS-Unistra-UHA, ECPM, Strasbourg, France): Anthocyanins: from Biological Properties to Fluorophores for Cell Imaging</p> |
| 14:30-15:30 | <p>Poster session (1st part – 2 min each author presenting) Chairpersons: Agnieszka Bartoszek & Ivana Djuricic & Vesna Vucic & Ana Djordjevic</p> |
| 15:30-16:00 | Coffee break |
| 16:00-17:00 | Poster session (2nd part – discussion beside the posters) |

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| 17:30-18:00 | Closing session |
| 19:30-22:30 | Optional Belgrade sightseeing tour with local product tasting session „Rakia Tour“ |

Group transport will be organized. Tour guests should be in front of the reception area at 19:00.

Additional activities

4th March, Wednesday

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| 9:30-13:00 | Core group meeting |
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General information

Registration for the meeting is necessary. Please use Registration page: <https://sites.google.com/view/costmeetingbelgrade/registration?authuser=0>

Two networking light lunches will be organized for all participants at the hotel on 2nd and 3rd March.

On the registration page you can chose to join gala dinner on 2nd March and also what are your dinner preferences. If you want to join gala dinner, you will be asked to pay 20 € (cash in euros or RSD) during registration. This corresponds to the same amount that you will receive from COST to cover one meal.

On the registration page you can also chose to join Belgrade sightseeing tour on 3rd March. If you want to join this short excursion, you will be asked to pay 12-15 € (cash in euros or RSD) during registration. The final price depends on the number of registered applicants.

Abstract submission

Submit your abstract by email to nutredox.belgrade@gmail.com

Deadline 17/02/2020

For oral or poster presentations use the template sent by email.

Accommodation

We have pre-arranged a special price for a limited number of rooms with a hotel where the meeting will take place.

Hotel M Belgrade:

Prices (prices are with VAT; City tax 1.5 euros/day; breakfast included):

Single room: 60 euros

Double room: 70 euros

The reservations must be made through email (events@hotel-m.com) informing that you are coming to the COST Action meeting.

Hotel M Belgrade is located in one of the most beautiful and peaceful parts of Belgrade, surrounded by greenery of park "Banjica".

This hotel is 4 km far from the city center. There are several city transport bus and tram lines that connect the hotel area with a city center.

Hotel link: <http://www.hotel-m.com/en/>

Other options are available through booking.com at a fair price.

Transport Information

1. Transport from the airport

On arrival to Belgrade Airport Nikola Tesla you will find Exchange office in the arrival area near the exit.

Left from the exit, on the sidewalk, there is a bus stop for a bus N° A1 that can transport you to the city center – Slavija square and the ticket is 300 RSD (cca 2.5 Euros).

There is another option, you can download an application for Car:Go or Yandex taxi – these are cheaper versions of taxi service similar to Uber. Uber does not work in Serbia.

In the arrival area of the airport there is a Taxi* booth where you can order a taxi. Taxi fare depends on the distance and for most of the destinations will be in the range 20-30 Euros.

***Taxi COST reimbursement: An eligible participant is permitted to claim taxi expenses in the following instances: (i) When public transport is not available; (ii) If taxis are taken before 7 am to facilitate an early departure and / or if a taxi is taken after 10 pm due to a late arrival.**

2. Transport to Hotel M (meeting venue)

Meeting venue is Hotel M, Bulevar Oslobođenja 56A (<http://www.hotel-m.com/en/>).

There are two bus lines that stop in the same street - Bus N° 47 and N° 48.

In the nearby parallel street Vojvode Stepe (3 min walking distance from the hotel) there are another bus line – bus N° 33, and three tram lines – trams N° 9, N° 10, and N° 14.

There is a Transport map with all these transport lines attached to this mail.

City transport payment on these and all other lines can be done in several ways:

a) You can pay at the drivers, ticket is 150 RSD (local currency is called Dinar; 1 Euro=118 RSD).

b) You can buy BUSPlus card on almost every newsstand / kiosks in town and with these cards the ticket that lasts 90 min costs 89 RSD. There are 2 versions of BUSPlus cards that you can use. The first is a non-personalized one that costs 250 RSD and then you can put some money on it (also on kiosks) to cover the transport expenses. The other is 5-day BUSPlus card that costs 1040 RSD and will cover all lines during 5 days except night rides (between 0-4 AM).