



3rd Workshop of the COST Action POSITIVE (FA1403)



Thessaloniki, Greece
September, 20th-21st, 2017

Dear all,

On behalf of the Scientific and Organizing Committee we would like to invite you to participate in the **3rd Scientific Workshop of the POSITIVE COST Action** to be held in **Thessaloniki (Greece)** from the **20th to 21st of September 2017**.

The POSITIVE COST Action is focused on inter-individual variation in response to consumption of plant food bioactives and determinants involved (www.inra.fr/cost-positive). The focus of this year workshop, titled "**Omics breakthroughs in the health effects of plant food bioactives**", is on how all «Omics» (including Nutrigenetic, Nutri(Epi)genomics, Metabolomics and Microbiomics) have helped to provide new findings on the health effects of plant food bioactives. Several excellent researches will show their scientific findings resulting from the use of these approachers.

- **Abstract submission and registration on the website:**

<http://omics-thessaloniki2017.gr>

Abstract submission deadline: August 25th, 2017

We hope that you will join us for this interesting workshop!

Thank you for your consideration



Programme

Wednesday 20th September 2017

14:00-14:10 Wellcome and Introduction.

Metabolomics Session

14:10-14:50 *"The translation of lipid profiles to nutritional biomarkers in the study of infant metabolism"*

Albert Koulman (Cambridge University, UK)

14:50-15:20 *"Biomarkers of food intake and effect after consumption of plant-based dietary patterns in cardiovascular risk participants"*

Mireia Urpi-Sarda (Barcelona University, Spain)

15:20-15:50 *"Host: microbiome co-metabolic processing of dietary polyphenols - a cross-over study with different doses of apple polyphenols in healthy subjects"*

Marynka Ulaszewska (Istituto Agrario San Michele all'Adige, Italy)

15:50-16:20 Flash Poster Presentation

16:10-16:40 Coffee Break and Poster Session

Nutri-genetics, -genomics, and -epigenomics Session (I)

16:40-17:20 *"The impact of genotype on the metabolism and bio-efficacy of plant polyphenols"*

Anne Marie Minihane (University of East Anglia, UK)

17:20-17:50 *"Implications of predictive genomics for drug response and food intake"*

George Patrinos (University of Patras, Greece)

17:50-18:20 *"Gene expression profiling in whole blood cells from healthy men after chronic blueberry consumption"*

Geoffrey Ista (King's College London, UK)

Thursday 21th September 2017

Nutri-genetics, -genomics, and -epigenomics Session (II)

9:00-9:40 *"Understanding the mechanisms underlying the effects of the PATHWAY-27 bioactive enriched foods"*

Clarissa Gerhäuser (German Cancer Research Center, Germany)

9:40-10:10 *"A genetic basis for the inter-individual LDL cholesterol response to plant sterol consumption: from an association to an ongoing validation trial"*

Dylan Mackay (University of Manitoba, Canada)

10:10-10:40 *"System biology characterization of immunomodulatory properties of Echinacea in monocyte cells"*

Ken Declerck (University of Antwerp, Belgium)

10:40-11:00 Coffee Break and Poster Session

Microbiomics Session

11:00-11:40 *"Gut microbiota functions: metabolism of nutrients and other foods components"*

Kieran Tuohy (Istituto Agrario San Michele all'Adige, Italy)

11:40-12:10 *"Diet-responsive gut anaerobes as drivers of inter-individual variation in response to consumption of plant food bioactives"*

Alan Walker (University of Aberdeen, UK)

12:10-12:40 *"Individuality in the gut microbiota determines rutin metabolism"*

David Berry (University of Vienna, Austria)

12:10-12:40 Round table session-Concluding remarks



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Scientific Committee

- Desislava Abadjieva (IBIR-BAS, Bulgaria)
- Banu Bayram (University of Health Sciences, Turkey)
- Mar Garcia-Aloy (University of Barcelona, Spain)
- Antonio González-Sarrías (CEBAS-CSIC, Spain)
- Rocío García-Villalba (CEBAS-CSIC, Spain)
- Geoffrey Istas (King's College London, United Kingdom)
- Pedro Mena (University of Parma)
- Laurent-Emmanuel Monfoulet (INRA, France)
- Noemi Tejera (University of East Anglia, United Kingdom)
- Mireia Urpi-Sarda (University of Barcelona, Spain)

Organizing Committee

- Christos Kontogiorgis (Democritus University of Thrace, Greece)
- Antonia Kalsatou (University of Thessaly, Greece)
- Erini Deligiannidou (Aristotle University of Thessaloniki, Greece)

Honorary Members (POSITIVE leaders)

- Christine Morand (INRA, France)
- Francisco A. Tomás-Barberán (CEBAS-CSIC, Spain)

Please, do not hesitate to contact to us for further details:

positive.ws2017@gmail.com

