



SPECIAL ISSUE , SEPTEMBER

FA-1403 - POSITIVE COST Action

Interindividual variation in response to consumption of plant food bioactives and determinants involved

ANNOUNCEMENT OF THE:
1st POSITIVE SCIENTIFIC WORKSHOP
October 26-27, 2015 , Tours (FRANCE)
<https://colloque.inra.fr/workshop-cost-positive-2015/Registration>



The workshop will be held in satellite to the 7th International Conference in Polyphenols and Health (ICPH).



Dear all,

As the Chair of the POSITIVE COST Action I would like to invite you to attend our 1st Scientific Symposium.

The aim of this symposium is to raise awareness of the scientific community to the relevance of interindividual variability in the bioavailability and physiological responses to the consumption of plant food bioactives in relation to the prevention of cardiovascular and metabolic disorders.

Several excellent scientists leaders in the area will review and present state-of-the-art information on the topic, as well as their views and perspectives in this emerging field. You may see the program of this workshop and information about the speakers in the next pages. All the information is also available on the website: <https://colloque.inra.fr/workshop-cost-positive-2015>.

We believe that this workshop is of great interest to all scientists working on polyphenols and health and thus we encourage you to attend the workshop. Participation to this workshop is subjected to registration at <https://colloque.inra.fr/workshop-cost-positive-2015/Registration>.

Please, register and join us in this excellent and exciting workshop!!!

Kind regards



Dr. Christine MORAND
CHAIR OF POSITIVE COST Action

Scientific Program

COST POSITIVE - 1st Scientific Workshop

October 26-27th, 2015 - Vinci Congress Center, Tours - FRANCE

Monday, 26th 2015	
3:00 - 3:15 p.m.	Introduction of the COST Action POSITIVE Dr. Christine Morand (INRA - Clermont-Ferrand, France)
3:15 - 4:15 p.m.	"Inter-individual differences in polyphenols gut microbiota metabolism. Can they affect human health?" Pr. Francisco Tomas-Barberan (CSIC - Murcia, Spain) "Single nucleotide polymorphisms associated with carotenoid bioavailability" Dr. Patrick Borel (INRA - Marseille, France)
4:15 - 4:30 p.m.	<i>Break</i>
4:30 - 6:00 p.m.	"Differences in vascular response to cocoa flavanol intake according to age and sex" Dr. Ana Rodriguez-Mateos (Univ. Duesseldorf - Germany) "From inflammaging to healthy aging by dietary lifestyle choices: is epigenetics the key to personalized nutrition?" Pr. Wim Vanden Berghe (Univ. Antwerp - Belgium) "Genetic polymorphisms and response to polyphenols/Mediterranean diet" Dr. Dolorès Corella (Univ. Valencia - Spain)

Tuesday, 27th 2015	
9:00 - 10:45 a.m.	"Interindividual differences in metabolism of plant food bioactives: impact on dietary recommendations" Pr. Joanna Lampe (Univ. Washington - Seattle, USA) "Cofactor mapping: a model for the plant bioactives" Dr. Jim Kaput (Nestle Institute of Health Science - Switzerland) "Lessons from Food4Me about opportunities and challenges for personalized nutrition" (Title to be confirmed) Dr. Eileen Gibney (Institute of Food and Health - Dublin, Ireland)
10:45 - 11:00 a.m.	<i>Break</i>
11:00 - 12:00 a.m.	Round table with all speakers " The future for plant food bioactives in personalized nutrition ". <i>Chairman: Pr. F. Tomas-Barberan</i>



POSITIVE



Speakers

Prof. Francisco TOMÁS BARBERÁN Co-Chair of the POSITIVE Action



Prof. Francisco Tomas Barberán (CSIC Murcia, Spain) got a PhD in Pharmacy at University of Valencia and works currently as a Research Professor at CSIC in Murcia (Spain). He is co-author of more than 300 publications in scientific journals in the areas of Phytochemistry, Agricultural Chemistry, and Food Science and Nutrition. These articles have been cited over 12000 times. His main interest is deciphering the role of phenolic phytochemicals on food quality and health. His current research aims to the identification of those food constituents that provide health benefits, the mechanisms by which they exert their effects, their bioavailability and efficacy in humans and the role of gut microbiota on polyphenols metabolism and inter-individual variability. He has carried out research in laboratories from England (Reading), Switzerland (Lausanne), France (Lyon), and the USA (Davis). His research has also been oriented to the transfer to industry and he has registered 6 patents of which 3 have been licensed and derived products are actually in the market.

Dr. Patrick BOREL

Dr. Patrick Borel (INRA Marseille, France), obtained his PhD in Molecular Biology at Marseille University, 1988. He works for INRA in a joint research unit with INSERM (the French national institute of health and medical research) and Aix-Marseille University. The research unit, NORT (“Nutrition, Obesity and Risk of Thrombosis”) is located at the Faculty of Medicine de la Timone in Marseille (France). Since 2002, Dr Borel leads the research group “Bioavailability of fat soluble micronutrients” composed of various experts on lipid micronutrients, postprandial lipid metabolism, cellular and molecular biology and genetics. He is member of the scientist board of the nutrition department of INRA and vice-chairman of the SFVB (Société Francophone Vitamines & Biofacteurs ; French society on Vitamins). In 2002 he won the research award on vitamins research from the CEIV (Centre d’Etudes et d’Information sur les Vitamines; the French center for information on vitamins). Dr Borel has published some highly cited papers on the metabolism of carotenoids and vitamin E in humans and on factors that modulate their bioavailability. He is currently focused on the identification of intesti-



Dr. Ana RODRIGUEZ-MATEOS



Dr. Ana Rodríguez Mateos (Univ. Dusseldorf, Germany) is a Research Group Leader at the Division of Cardiology, Pulmonology and Vascular Medicine of the University of Dusseldorf, Germany. She received her PhD and conducted her postdoctoral studies at the Department of Food and Nutritional Sciences of the University of Reading, UK, where she began to investigate the absorption, metabolism and excretion of dietary flavonoids and their impact on vascular function in Professor Jeremy Spencer’s research group. Her research included development and validation of analytical methods for the identification and quantification of polyphenol metabolites in biological fluids using liquid-chromatography and mass spectrometry; design and undertaking of randomized controlled trials investigating the effects of polyphenol-rich foods on cardiovascular function and investigations on mechanisms of action using animal and cell models. Currently, her main research interests include investigating the factors affecting the bioavailability and bioactivity of dietary polyphenols, such as food matrix, processing, age or sex, and their mechanisms of action in the vascular system.

Speakers



Prof. Wim VANDEN BERGHE

Prof. Wim Vanden Berghe (Univ. Antwerp, Belgium) is professor of Epigenetic Signaling (PPES) at the University of Antwerp and University of Ghent (Belgium). His research focuses on crosstalk of kinases and hormone signaling with epigenetic reprogramming in cancer-inflammation, CVD and neuroplasticity in response to medicinal phytochemicals. He holds a PhD degree in Chemistry-Biotechnology from the University of Ghent (LEGEST, UGent, Belgium). He received postdoctoral training at the Nuclear Signaling Lab of Prof. L. Mahadevan (Oxford, UK, 2000) and at the Department of Biochemistry lab of Prof. J. Hapgood & Prof. A. Louw (Stellenbosch, South Africa, 2001).

Dr. Dolores CORELLA

Dr. Dolores Corella is Full Professor of Preventive Medicine and Public Health at the University of Valencia since 2009. She has been Director of the Genetic and Molecular Epidemiology Laboratory since its creation in 1998. Since 2003, Dr. Corella has participated in the PREDIMED Study (PREvención con DIEta MEDiterránea) as principal investigador and from 2006, in the CIBER of Fisiopatología de la Obesidad y Nutrición. Her studies have generated more than 270 papers in peer-reviewed journals. Dr. Corella's interests are focused on the study of genetic and epigenetic determinants of cardiovascular diseases, diabetes, obesity and other cardiovascular risk factors. She has developed research methodology for analyzing gene-environment interactions. Within the gene-environment interaction study, gene-diet interactions have constituted the main research line giving rise to the development of Nutritio-



Dr. Joanna LAMPE



Prof. Joanna Lampe (Univ. Washington Seattle, USA), PhD, RD is a Full Member and Associate Division Director in the Public Health Sciences Division at Fred Hutchinson Cancer Research Center and a Research Professor in the Department of Epidemiology at the University of Washington in Seattle, USA. She received her PhD in nutritional sciences, with a minor in biochemistry, from the University of Minnesota and trained as a post-doctoral fellow in epidemiology at the University of Minnesota before joining the faculty at Fred Hutchinson Cancer Research Center in 1994. Dr. Lampe's research focuses on the effect of diet constituents on cancer susceptibility in humans and the effects of genetic variation on response to diet. Her group uses controlled dietary interventions to evaluate cancer biomarker-response to diet and specific phytochemicals. In addition, her lab studies the modifying effects of the gut microbiome on diet and disease risk. Dr. Lampe's research has been supported by the US National Cancer Institute for the past 15 years and she has published over 200 papers related to diet and human health. In 2014, Dr. Lampe received the American Society for Nutrition's Mary Swartz Rose Senior Investigator Award for research on the safety and efficacy of bioactive compounds for human health.

Speakers



Dr. Jim KAPUT

Dr. Jim Kaput currently works at Nestle Institute of health Sciences (Lausanne, Switzerland) as the Head of the Clinical Transaltion Unit. He's got his PhD at the University of Colorado in Biochemistry and Molecular Biology. He is an expert in Translational Genomics and Personalized Nutrition for Health Care. His research focuses on human genetics molecular studies and association with the diet.

Dr. Eileen GIBNEY

Dr. Eileen Gibney (Institute of Food and Health, Dublin, Ireland) Dr. Eileen Gibney is a lecturer in Human Nutrition at University College Dublin, Ireland. She is an active member of the UCD Institute of Food and Health, and a Registered Nutritionist. She graduated with a degree in human nutrition from the University of Ulster at Coleraine, she then obtained her PhD from the Dunn Nutrition Unit, University of Cambridge in 2001.

Her current research interests lie in the molecular aspect of nutrition and disease, an area of nutrition research called Personalised Nutrition. Dr Gibney has successfully obtained funding for several research projects including 'Examination of the effect of genotype (PTC/PROP) on fruit and vegetable intake in children' (www.ucd.ie/foodandhealth/projects/geneticsofhealthyeating/) and more recently is involved in both the National Adult and Nutrition Survey (NANS) and National Phenotype Database (www.ucd.ie/JINGO) in Ireland. Eileen is a PI on the FP7 funded food4me project (www.food4me.org), which examined opportunities and barriers to personalised nutrition.



CONTACT



EUROPEAN COOPERATION IN THE FIELD OF SCIENTIFIC AND TECHNICAL RE-



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