

**COST Action FA1403 – POSITIVE**  
**Interindividual variation in response to consumption of plant food bioactives and determinants involved**

**Final POSITIVE Scientific Conference, September 25-26, 2018**

**Lisbon, Portugal**

<https://www6.inra.fr/cost-positive/Home/News/Final-Conference>



This Final COST Conference is the ideal scenario to present the main findings resulting from the impressive collaborative efforts undertaken by the European scientific experts involved in the POSITIVE network, and further discuss the current unresolved issues and the way to future research in the area of personalized nutrition, as one of the

important tools to combat burden of cardiometabolic diseases. The conference will be also the place to know about recent advances in the field of personalized nutrition and for exchanges between scientists and stakeholders about the integration of plant food bioactives in future strategies of precision nutrition to become healthier.

**You are all very welcome to join us in this exciting and interesting event which will be followed by the 2nd edition of the Food Bioactives and Health Conference!**

Dr. Christine Morand, Action Chair



**Final POSITIVE Scientific Conference**  
**will be held in satellite to:**



## Scientific Program

**Tuesday, 25<sup>th</sup> September 2018**

**8.00 a.m. – 8.45 a.m. Welcome**

(8.45 a.m. – 17.30 p.m.)

*Main Findings from POSITIVE: Major determinants involved in interindividual variations in plant food bioactives ADME and cardiometabolic responses*

**Morning session 8.45 – 12.25**

8.45 – 9.00	Dr. Christine Morand (INRA-Clermont –Ferrand, France) <b>Introduction of the COST Action POSITIVE – Final Conference</b>
9.00 – 9.35	Dr. Tom van de Wiele (University of Ghent, Belgium) <b>Determinants of interindividual variability in absorption, distribution, metabolism and excretion of plant food bioactives</b>
9.35 – 10.10	Dr. Torsten Bohn (Luxembourg Institute of Health, Strassen, Luxembourg) <b><math>\beta</math>-Carotene in Humans – Metabolic Pathway and Bioactivation - from Digestion to Tissue Distribution and Excretion</b>
10.10 – 10.45	Dr. Anne Marie Minihanne, Univ of East Anglia, UK <b>Key determinants of flavonoids metabolism following mixed dietary flavonoid source – COB Study</b>
<b>BREAK</b>	
11.15 – 11.50	Dr. Claudine Manach (National Institute for Agricultural Research-INRA, Clermont Ferrand, France) <b>Untargeted metabolomics for assessment of true exposure to plant food bioactives</b>
11.50 – 12.25	Dr. Aleksandra Konic-Ristic (University of Belgrade, Serbia - University College Dublin, Ireland) <b>Quality of reporting of clinical trials addressing the inter-individual variation in response to plant bioactives</b>

**LUNCH**

**Afternoon session 13.55 – 17.30**

13.55 – 14.30	Dr. Ana Rodriguez-Mateos (King's College, London, United Kingdom) <b>Investigating variability in cardiometabolic response to plant food bioactives: approaches and main findings from POSITIVE</b>
14.30 – 15.05	Dr. Dragan Milenkovic, National Institute for Agricultural Research (INRA), Clermont Ferrand, France <b>Evaluation of cell and molecular targets of plant food bioactives: implications for inter-individual variability</b>
15.05 – 15.40	Prof. Francisco Tomas-Barberan, CEBAS-CESIC, Murcia, Spain <b>Impact of gut microbial metabolism on cardiometabolic markers</b>
<b>BREAK</b>	
16.10 – 16.45	Dr. Emilie Combet, University of Glasgow, UK <b>Beyond results - lessons learned from POSITIVE meta analyses</b>
16.45 – 17.30	<b>ROUND TABLE “Future of plant food bioactives in precision nutrition”</b> Moderators: Chairs ; Participants : WG leaders, speakers, the audience Introduction: Prof. Baukje de Roos (University of Aberdeen, United Kingdom)  <b>POSITIVE roadmap</b>

## Scientific Program

**Wednesday, 26<sup>th</sup> September 2018**

(9.00 a.m. – 16.30 p.m.)

*Recent advances in research on interindividual variability and interesting perspectives in the field of personalized nutrition*

**Morning session 9.00 – 12.00 a.m.**

9.00 – 9.30

Dr. Eileen Gibney, University College of Dublin, Ireland

***Main findings from Food 4Me - Next steps***

9.30 – 10.00

Dr. Baukje de Roos, University of Aberdeen, UK

***Personalized intervention: a precision approach for the next generation of intervention studies***

10.00 – 10.30

Dr. Kieran Tuohy (Fondazione Edmund Mach, Trento, Italy)

***Microbiome variants in relation to bioavailability of plant food bioactives***

**BREAK**

11.00 – 11.30

Prof. Rikard Landberg, Chalmers University of Technology, Gothenburg, Sweden

***New personalized strategies for optimal metabolic responses to fibre-rich foods***

11.30 – 12.00

Dr. Paul Franks, University of Lund, Sweden

***Lifestyle in the context of precision medicine***

**LUNCH**

**Afternoon session 13.30 – 16.30 p.m.**

13.30 – 14.00

Prof. Wim Verbeke (University of Ghent, Belgium)

***Personal determinants of consumers' healthy and sustainable food choices***

14.00 – 14.15

Dr. Pascale Fanca Berthon (Head of Nutrition & Health Science, Naturex, France)

***From science to market: challenges of personalized nutrition with botanicals***

14.15 – 14.30

Dr. Carlos Javier González Navarro (Director of Innovation, Centre for Nutrition Research, University of Navarra, Spain)

***Food innovation and personalized nutrition: What is (Spanish) industry demanding from scientists and technologists***

14.30 – 14.45

Dr. Marjan van Erk (TNO; program manager public-private consortium on Personalised Nutrition & Health, The Netherlands)

***Technologies and knowledge for tailored, scientifically grounded products and services in personalized nutrition.***

14.45 – 15.00

Dr. Adrian Hodgson (Nutrition Innovation Consultant, SPOON-GURU, United Kingdom-USA)

***Artificial intelligence, machine learning and precision nutrition are transforming the way people eat and drink***

15.00 – 16.00

***Round Table: Debate on personalized nutrition and health with a panel of stakeholders***

(Moderator: Dr. María-Teresa García-Conesa, CEBAS-CSIC, Spain)

16.00 – 16.30

***Closing ceremony and group photos***

## LOCAL ORGANIZERS

**Dr. Maria Bronze, Faculty of Pharmacy, University of Lisbon**

The FFULisboa is a public institution of higher education dedicated to education, research, knowledge transfer and education in the fields of pharmacy, medicine, and pharmaceutical sciences. It provides to the general public a number of specialized services that result from the application of translational research performed in the clinical, instrumental and industrial context



**Dr. Claudia Nunes-dos Santos, IBET—Institute of Experimental Biology and Technology**



# IBET

Instituto de Biologia  
Experimental e Tecnológica

**Dr. Paula Pinto, IPS-ESA Department of Food Technology, Biotechnology and Nutrition (DTABN)**

DTABN mission is to promote education, development and transference of knowledge in the areas of food technology, food safety and food quality, from raw material to the processing of food, its nutritive value and health effects.

iBET is a private not for profit research intensive SME in the area of biotechnology and life sciences. iBET was established in 1989 and bridges university and industry research, by establishing partnerships particularly in the areas related to Health & Pharma and Food &



## SCIENTIFIC COMMITTEE

- Iwona Kieda, Institute of Animal Reproduction and Food Research, PAS, Olsztyn, Poland
- Dr Aleksandra Konic-Ristic, University of Belgrade, Serbia
- Dr María-Teresa Garcia-Conesa, CEBAS-CSIC, Murcia, Spain
- Dr Rocio Garcia Villalba, CEBAS-CSIC, Murcia, Spain
- Dr Eileen Gibney, University College Dublin, Ireland
- Prof Marina Heinonen, University of Helsinki, Finland
- Prof Rikard Landberg, Chalmers University of Technology, Gothenburg, Sweden,
- Dr Claudine Manach, INRA, Clermont Ferrand, France
- Dr Pedro Mena, University of Parma, Italy
- Dr Dragan Milenkovic, INRA, Clermont Ferrand , France
- Dr Christine Morand, INRA, Clermont Ferrand, France
- Dr Ana Rodriguez-Mateos, Kings College London, UK
- Prof Baukje de Roos, University of Aberdeen, United Kingdom
- Prof Francisco Tomas-Barberan, CEBAS-CSIC, Murcia, Spain
- Prof Tom Van de Wiele, Ghent University, Belgium



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**PLEASE contact us for further information:**

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**Co-Chair:** Prof. Francisco TOMAS-BARBERAN, CEBAS-CSIC, Spain, e-mail: fatomas@cebas.csic.es