



5th International Conference on

FOOD BIOACTIVES & HEALTH



WORLD TRADE CENTER
MARSEILLE PROVENCE

3-5 JUNE 2025
MARSEILLE, FRANCE

WWW.FBHC2025.COM

POCKET PROGRAMME

ORGANISERS



Acknowledgement

The organisers would like to thank the following companies
for their generous support of the FBHC 2025:

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Practical Information

Venue Location

World Trade Center Marseille Provence – City Center

2 Rue Henri Barbusse
13001 Marseille
France

Registration

The Registration desk is located in the **Agora foyer**, on the 1st floor of the World Trade Center Marseille Provence – City Center.

Registration desk opening hours:

| | |
|------------------------|-------------|
| Tuesday, 3 June 2025 | 07:30–18:00 |
| Wednesday, 4 June 2025 | 08:00–17:00 |
| Thursday, 5 June 2025 | 08:00–12:00 |

Certificate of attendance

All registered delegates present on-site are entitled to receive a Certificate of Attendance. The certificate can be downloaded from the Online Portal after the Conference.

Lunches And Coffee Breaks

Lunches and coffee breaks are provided during the main Conference days to all registered delegates and all registered accompanying persons in the Agora foyer of the WTC.

Internet

Free Wi-Fi internet connection is available in the venue.

Name: **WTC_Congres**
Password: **Wtc@Congres13**

Presentation Upload

Presentation uploads will be available at the designated area adjacent to the registration desk, and will follow the same operating hours as the registration desk.

Abstract Book

Abstract book will be available for all registered delegates on Conference portal in electronic version.

Posters

All presenting authors should bring their printed posters to the venue.

Width: 90 cm, Height: 120 cm

Poster Session:

When: Tuesday, 3 June, 17:00–18:00,
rooms Anthens – Shanghai + Agora foyer

Exhibition

The exhibition is located in the **Agora foyer**.

Exhibition Opening Hours

| | |
|------------------------|-------------|
| Tuesday, 3 June 2025 | 08:30–18:00 |
| Wednesday, 4 June 2025 | 08:30–17:00 |
| Thursday, 5 June 2025 | 08:30–12:00 |



Social Programme

Welcome Reception

When: 3 June 2025, 17:00–18:00

Where: World Trade Center Marseille Provence
– City Center

Tickets: Included in the registration fee

Conference Dinner

When: 4 June 2025

Where: Les Halles de la Major

Transportation: NOT PROVIDED

(12 Bd Jacques Saadé, 13002 Marseille)

Tickets: Included in the FULL registration fees /
95 EUR

Please note, that the tickets cannot be purchased
at the registration desk based on the capacity
of the venue.

**All participants are asked to bring their conference
badge to the dinner, as it will serve as a ticket.**



112

Emergency phone
number: 112



Floorplan



Scientific programme

Tuesday, 3 June 2025

Opening Ceremony

08:30–09:00

Océanie

Plenary Session I.

09:00–10:00

Océanie

Chairs: Jean-François Landrier (France), Emmanuelle Reboul (France)

09:00 CAROTENOID ABSORPTION, DISTRIBUTION, METABOLISM AND EXCRETION – OLD AND NOVEL ASPECTS

O 036

Invited Speaker: Torsten Bohn (Luxembourg)

09:30 EARLY-LIFE METABOLIC PROGRAMMING BY MICRONUTRIENTS AND FOOD BIOACTIVE COMPOUNDS AS A POTENTIAL ANTI-OBESITY STRATEGY

O 002

Invited Speaker: Maria Luisa Bonet (Spain)

Coffee break and Poster viewing

10:00–10:30

Social events

Plenary Session II.

10:30–12:00

Océanie

Chairs: Christine Morand (France), Carine Le Bourvellec (France)

10:30 NEW INSIGHTS ON THE ROLE OF PROANTHOCYANIDINS ON THE GUT MICROBIOTA AND ITS INTERACTION WITH THE HOST IN THE CONTEXT OF CARDIOVASCULAR DISEASES

O 003

Invited Speaker: Yves Desjardins (Canada)

11:15 LINK BETWEEN DIET AND BRAIN HEALTH: HOW PHENOLIC METABOLITES MODULATE BRAIN INFLAMMATION

O 004

Invited Speaker: Claudia Nunes dos Santos (Portugal)

Industry Symposium:

Fytexia's Innovation Journey: Empowering Ingredient Development Through Science

12:00–13:00

Océanie

Lunch and Poster viewing

12:00–13:30

Social events

Parallel Session:

Phenolic compounds and cardiovascular health I.

13:30–15:00

Océanie

Chairs: Lourdes Mounien (France), Maria Luisa Bonet (Spain)

13:30 THE INFLUENCE OF (POLY)PHENOL-RICH FOODS AND EXTRACTS ON ENDOTHELIAL FUNCTION AS MEASURED BY FLOW-MEDIATED DILATION: A NARRATIVE REVIEW

O 005

Keynote Speaker: Brian Óg Murphy (United Kingdom)

13:50 IMPACTS OF A POLYPHENOL MIXTURE ON HEMOSTASIS IN RATS UNDER ANTICOAGULANT THERAPY

O 006

Keynote Speaker: Laurent-Emmanuel Monfoulet (France)

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|-------|---|-------|
| 14:10 | DIFFERENTIAL EFFECTS OF A MULTI-INGREDIENT BASED ON POLYPHENOL-ENRICHED FRUIT EXTRACTS ON LIPID METABOLISM: INFLUENCE OF PHOTOPERIOD AND SEX IN OBESE RATS Speaker: Anna Arola-Arnal (Spain) | 0 007 |
| 14:25 | THE OLIVE OIL POLYPHENOL OLEACEIN PREVENTS STEATOTIC LIVER DISEASE Speaker: Fátima Paiva-Martins (Portugal) | 0 008 |
| 14:40 | PURPLE CORN ANTHOCYANINS PREVENT DOXORUBICIN-INDUCED CARDIOTOXICITY MODULATING THE NF-κB PATHWAY IN HL-1 CARDIOMYOCYTES Flash Oral Speaker: Marta Toccaceli (Italy) | 0 009 |
| 14:45 | ANTI-INFLAMMATORY AND ANTI-ATHEROGENIC EFFECTS OF COFFEE BIOACTIVE IN HUMAN CARDIAC ADIPOCYTES AND PERIPHERAL MONOCYTES ISOLATED FROM CAD PATIENTS Flash Oral Speaker: Stefano Quarta (Italy) | 0 010 |
| 14:50 | DIETARY ISOFLAVONES, GUT MICROBIOTA AND EQUOL METABOLITES: KEY MODULATORS OF INFLAMMATION Flash Oral Speaker: Juan Antonio Gimenez Bastida (Spain) | 0 011 |

Parallel Session:

Food bioactives and microbiota

13:30–15:00

Delhi-Cancun

Chairs: Yves Desjardins (Canada), Carine Le Bourvellec (France)

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|-------|---|-------|
| 13:30 | EXPLORING THE INFLUENCE OF THE GUT MICROBIOTA ON THE BIOAVAILABILITY OF SAFFRON APOCAROTENOIDS Keynote Speaker: Rocío García Villalba (Spain) | 0 012 |
| 13:50 | BENEFITS OF UROLITHIN PRODUCTION ON THE MODULATION OF THE GUT MICROBIAL METABOLISM OF BILE ACIDS AND CHOLESTEROL IN MILD DYSLIPIDAEMIC OVERWEIGHT AND OBESE INDIVIDUALS Keynote Speaker: M. Victoria Selma García (Spain) | 0 013 |
| 14:10 | MODULATION OF ANTIOXIDANT RELEASE AND MICROBIOTA METABOLITES DURING COLONIC FERMENTATION OF OAT BRAN WITH ENHANCED BOUND ANTIOXIDANT CAPACITY THROUGH GREEN TEA EXTRACT TREATMENT Speaker: Ezgi Doğan Cömert (Turkey) | 0 014 |
| 14:25 | IMPACT OF SAFFRON EXTRACT SUPPLEMENTATION TO PREVENT MENOPAUSE-RELATED BRAIN DYSREGULATION BY TARGETING THE GUT MICROBIOME-BRAIN AXIS, IN A VCD-INDUCED MENOPAUSE MOUSE MODEL Speaker: Leonie Lang (United Kingdom) | 0 015 |
| 14:40 | SIMULATED GASTROINTESTINAL DIGESTION OF MANGO USING THE SIMGI® MODEL: COLONIC PHENOLIC METABOLISM AND IMPACT ON HUMAN GUT MICROBIOTA Flash Oral Speaker: Salud María Cáceres Jiménez (Spain) | 0 016 |
| 14:45 | RELATIONSHIP BETWEEN MATERNAL FOOD CONSUMPTION AND SHORT-CHAIN FATTY ACID CONTENT IN THE FECES OF THE MOTHER-INFANT PAIR Flash Oral Speaker: Angel Gil-Izquierdo (Spain) | 0 017 |
| 14:50 | APOE4 GENOTYPE SHAPES THE ROLE OF DIETARY FIBRE AND SHORT-CHAIN FATTY ACIDS (SCFAS) IN GUT-MICROBIOTA-BRAIN HEALTH Flash Oral Speaker: Marrium Liaquat (United Kingdom) | 0 018 |

Coffee break and Poster viewing

15:00–15:30

Social events

Parallel Session:

Phenolic compounds and cardiovascular health II.

15:30–17:00

Océanie

Chairs: Jean-Charles Martin (France), Katia Petroni (Italy)

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|-------|--|-------|
| 15:30 | RESPONSE OF CARDIOMETABOLIC BIOMARKERS AND GUT MICROBIOTA TO WALNUT CONSUMPTION Keynote Speaker: Tatiana Diacova (USA) | 0 019 |
| 15:50 | “DOES A BRAVO DE ESMOLFE APPLE PUREE A DAY KEEP THE DOCTOR AWAY?” – RESULTS FROM THE FIRST HUMAN INTERVENTION STUDY WITH A TRADITIONAL PORTUGUESE APPLE VARIETY IN HYPERCHOLESTEROLEMIC VOLUNTEERS Keynote Speaker: Ana Teresa Serra (Portugal) | 0 020 |
| 16:10 | HYPOGLYCEMIC EFFECTS OF RED BERRIES – EVIDENCE IN VITRO AND IN VIVO Speaker: Christine Bosch (United Kingdom) | 0 021 |
| 16:25 | SUSTAINABLE USE OF PHYTOSTILBENES TO TARGET FIBROSIS IN METABOLIC DISEASES Invited Speaker: Béatrice Romier (France) | 0 022 |
| 16:40 | INTERACTIONS BETWEEN APOE GENOTYPE, EPICATECHIN METABOLISM, ENERGY SOURCES AND COGNITION Flash Oral Speaker: Thomas Hunt (United Kingdom) | 0 023 |
| 16:45 | EFFECTS OF A MATERNAL WESTERN DIET AND OFFSPRING'S BETAINES SUPPLEMENTATION ON MILK MIRNAS, ADIPOSE TARGET GENE EXPRESSION, AND SEX-DEPENDENT METABOLIC PROGRAMMING OUTCOMES Flash Oral Speaker: Ana Maria Rodriguez Guerrero (Spain) | 0 024 |
| 16:50 | THE IMPACT OF SHORT-TERM AND LONG-TERM DIETARY SWEETENER SUCRALOSE CONSUMPTION ON ADIPOSE TISSUE BIOACCUMULATION AND INFLAMMATION IN MICE Flash Oral Speaker: Florian Pallot (France) | 0 025 |

Parallel Session:

Fat-soluble food bioactives

15:30–17:00

Delhi-Cancun

Chairs: Ángela Bravo-Núñez (France), Abdulkemir Eroglu (Turkey)

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| 15:30 | UNRAVELLING THE INTERPLAY AMONG CAROTENOID LEVELS, DIETARY PATTERNS, AND CARDIOMETABOLIC HEALTH AT THE INDIVIDUAL LEVEL THROUGH A MULTI-OMICS APPROACH Keynote Speaker: Cristiano Negro (Italy) | 0 026 |
| 15:50 | SUBSTITUTION OF POLYSORBATES BY PLANT-BASED EMULSIFIERS: IMPACT ON VITAMIN D BIOAVAILABILITY AND GUT HEALTH Invited Speaker: Ángela Bravo-Núñez (France) | 0 027 |
| 16:10 | KNOCK-OUT OF THE INTESTINAL FATTY ACID-BINDING PROTEIN (FABP2) GENE IN CACO-2 CELLS USING CRISPR/CAS9: A CACO-2 TRANSPORT MODEL FOR FAT-SOLUBLE DIETARY COMPOUNDS Speaker: Roman Will (Germany) | 0 028 |
| 16:25 | EFFECTS OF DIFFERENT DAILY PLANT STANOL ESTER SUPPLEMENTATION ON INFLUENZA VACCINATION RESPONSES: A DOUBLE-BLIND, RANDOMIZED CONTROLLED TRIAL IN INDIVIDUALS 60 YEARS OR OLDER Speaker: Willem Zwaan (Netherlands) | 0 029 |
| 16:40 | AGRONOMIC VARIABLES AFFECT CHICKPEA ANTINUTRITIONAL PROFILE THEREBY MODULATING FAT-SOLUBLE MICRONUTRIENT BIOACCESSIBILITY IN VITRO Flash Oral Speaker: Angélique Berthomé (France) | 0 030 |
| 16:45 | EVALUATING THE IMPACT OF DIETARY FIBERS ON THE BIOACCESSIBILITY OF MAIN DIETARY CAROTENOIDS–BETA-CAROTENE, LUTEIN, AND LYCOPENE Flash Oral Speaker: Anushka Shukla (Luxembourg) | 0 031 |
| 16:55 | UNRAVELING THE MODULATING ROLE OF PLANT OXYLIPINS ON ISOPROSTANOID GENERATION CAUSED BY HYDROGEN PEROXIDE ON MONOCYTES IN VITRO Flash Oral Speaker: Angel Gil-Izquierdo (Spain) | 0 032 |

Welcome drink & Poster Session

17:00–18:00

Social events

Wednesday, 4 June 2025

Plenary Session III.

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| 08:30-10:00 | Chairs: Lourdes Mounien (France), Jan Frank (Germany) | Océanie |
| 08:30 | CONTRIBUTION OF BERRY POLYPHENOLS TO VASCULAR HEALTH: EVIDENCE AND MECHANISMS Invited Speaker: Cristian Del Bo' (Italy) | O 033 |
| 09:00 | EXPLORING THE HEALTH-PROMOTING EFFECTS OF ANTHOCYANIN-RICH DIETS Invited Speaker: Katia Petroni (Italy) | O 034 |
| 09:30 | CITRUS FLAVONIDS AND THEIR PRECURSORS: IINSIGHTS ON BIOACTIVITY AND CANCER INHIBITION Keynote Speaker: Bhimu Patil (USA) | O 035 |

Coffee break and Poster viewing

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| 10:00-10:30 | Social events |
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Plenary Session IV.

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| 10:30-12:00 | Chairs: Patrick Borel (France), Katia Petroni (Italy) | Océanie |
| 10:30 | ESTABLISHING THE ROLE OF CAROTENOIDS IN HOST-MICROBIOTA INTERACTIONS Invited Speaker: Abdulkerim Eroglu (Turkey) | O 072 |
| 11:00 | THE α-TOCOPHEROL-TRANSFER-PROTEIN DOES NOT MEDIATE DIFFERENCES BETWEEN RRR- AND SRR-α-TOCOPHEROL IN TERMS OF TISSUE ACCUMULATION OR BIOLOGICAL ACTIVITY IN MICE Invited Speaker: Jan Frank (Germany) | O 037 |
| 11:30 | THE DIETARY BURDEN OF BIOACTIVE ELLAGITANNINS IN HUMANS. IS OCCURRENCE IN FOOD MORE RELEVANT THAN PREVIOUSLY ASSESSED? Invited Speaker: Francisco A. Tomás-Barberán (Spain) | O 038 |

Industry Symposium:

Indena industry presentation: Glp-1 companion ingredients

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| 12:00-12:15 | Océanie |
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Industry Symposium:

Solabia: The kinetics and bioavailability of Aronia Melanocarpa extract in healthy young and older adults

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| 12:15-12:30 | Océanie |
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Lunch and Poster viewing

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| 12:00-13:30 | Social events |
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Parallel Session:

Phenolic compounds and health

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| 13:30-15:00 | Chairs: Jan Frank (Germany), Patrick Borel (France) | Océanie |
| 13:30 | VIRGIN OLIVE OIL POLYPHENOL AS POTENTIAL THERAPEUTIC AGENT IN COLORECTAL CANCER: TARGETING CANCER STEM CELLS IN 3D SPHEROID MODELS Keynote Speaker: Ana Catarina Macedo (Portugal) | O 039 |

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| 13:50 | METABOLIC PROFILING OF (POLY)PHENOLS METABOLITES AFTER ORAL ADMINISTRATION, THEIR ABILITY TO CROSS THE BLOOD-BRAIN BARRIER IN VIVO AND IN VITRO, AND THEIR ANTI-INFLAMMATORY ACTIVITY IN BRAIN CELLS Keynote Speaker: Antonio González-Sarrias (Spain) | O 040 |
| 14:10 | MODULATION OF CIRCADIAN ENDOCRINE RHYTHMS BY BIOACTIVE COMPOUNDS: THE ROLE OF GRAPE SEED PROANTHOCYANIDIN EXTRACT (GSPE) IN CHRONO-DISRUPTION Speaker: Alba Garcia (Spain) | O 041 |
| 14:25 | A RANDOMIZED, PLACEBO CONTROLLED, CROSSOVER CLINICAL TRIAL TO EVALUATE THE EFFECT OF A TURMERIC FORMULATION ON MUSCLE SORENESS AND FUNCTION RECOVERY IN MODERATELY ACTIVE ADULTS Speaker: Katja A. Schönenberger (Switzerland) | O 042 |
| 14:40 | ASSOCIATION OF (POLY)PHENOL INTAKE WITH DEMENTIA RISK IN THE EPIC-SPAIN DEMENTIA COHORT Speaker: Raul Zamora-Ros (Spain) | O 043 |
| 14:55 | UNRIPE GRAPE SEEDS POLYPHENOLS EXERT EXERCISE MIMETICS ACTIVITIES ON HUMAN SKELETAL MUSCLE CELLS Flash Oral Speaker: Karen Lambert (France) | O 044 |

Parallel Session:

Sulfur compounds

13:30-15:00

Delhi-Cancun

Chairs: Cristian Del Bo' (Italy), Torsten Bohn (Luxembourg)

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| 13:30 | UNDERSTANDING THE EFFECTS OF DIETARY SULFUR METABOLITES ON ENERGY METABOLISM IN PROSTATE CANCER LEADING TO THE DEVELOPMENT OF A FUNCTIONAL FOOD PRODUCT USED IN THE BETA STUDY Keynote Speaker: Gemma Beasy (United Kingdom) | O 045 |
| 13:50 | GLYCOSAMINOGLYCAN DERMATAN SULFATE SUPPLEMENTATION DECREASES DIET-INDUCED OBESITY BY ENHANCING ENERGY EXPENDITURE AND PREVENTING THE "WHITENING" OF BROWN ADIPOSE TISSUE IN MICE Keynote Speaker: Joan Ribot (Spain) | O 046 |
| 14:10 | DEVELOPMENT OF A FOOD COMPOSITION DATABASE FOR THE ESTIMATION OF DIETARY S-METHYL CYSTEINE SULFOXIDE FROM VEGETABLES Speaker: Caroline R. Hill (Australia) | O 047 |
| 14:25 | SULFORAPHANE-MEDIATED EFFECTS ON THE CELLULAR HUMAN METABOLISM USING METABOLIC PROFILING ON HEPG2 CELLS Speaker: Nadine Bieß (Germany) | O 048 |
| 14:40 | SPECIFIER PROTEINS IMPACT THE FORMATION OF HEALTH-PROMOTING ISOTHIOCYANATES FROM GLUCOSINOLATE HYDROLYSIS IN KOHLRABI AND RED CABBAGE TISSUES AT DIFFERENT ONTOGENIC STAGES Flash Oral Speaker: Kudzai Gracious Mbulu (Germany) | O 049 |
| 14:45 | EFFECT OF FOOD PROCESSING ON GLUCOSINOLATE DEGRADATION IN BRASSICA OLERACEA Flash Oral Speaker: Franziska Hanschen (Germany) | O 050 |
| 14:50 | EXPLORING THE EFFECTS OF GLUCOSINOLATES AND ISOTHIOCYANATES IN JOINT CELLS: AN INNOVATIVE NUTRACEUTICAL-RELEASING VISCOSUPPLEMENTATION STRATEGY FOR ARTICULAR CARTILAGE REPAIR Flash Oral Speaker: Laura Gambari (Italy) | O 051 |

Parallel Session:

Food bioactive intake and databases

15:30–17:00

Océanie

Chairs: Christine Morand (France), Charles Desmarchelier (France)

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| 15:30 | FOOD INTAKE BIOMARKERS – THE FOOD DIARY OF TOMORROW? Keynote Speaker: Amelie Frank (Germany) | 0 052 |
| 15:50 | FLAVONOIDS: TIME FOR DIETARY RECOMMENDATIONS? Keynote Speaker: Ana Rodriguez-Mateos (Spain) | 0 053 |
| 16:10 | PHENOLQUEST: A NOVEL FOOD FREQUENCY QUESTIONNAIRE FOR A MORE PRECISE ASSESSMENT OF (POLY)PHENOL INTAKES IN EUROPE Keynote Speaker: Claudine Manach (France) | 0 054 |
| 16:30 | A FOOD COMPOSITION DATABASE TO ASSESS THE DIETARY INTAKE OF PLANT BIOACTIVES: RESULTS FROM THE OPCT COHORT Speaker: Costanza Michelini (Italy) | 0 055 |
| 16:45 | FERULIC ACID METABOLISM IN THE GUT: IDENTIFICATION OF METABOTYPES AND THEIR MICROBIAL ASSOCIATIONS Speaker: Jaroslav Havlik (Czech Republic) | 0 056 |

Parallel Session:

Food bioactive metabolism

15:30–17:00

Delhi-Cancun

Chairs: Didier Dupont (France), Béatrice Romier (France)

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| 15:30 | WHAT DO FLAVONOIDS TASTE LIKE? Keynote Speaker: Kateřina Valentová (Czech Republic) | 0 057 |
| 15:50 | IN SILICO SIMULATION OF THE INTERACTION BETWEEN THE BITTER TASTE RECEPTOR T2R AND 490 POLYPHENOLS Keynote Speaker: Takafumi Shimizu (Japan) | 0 058 |
| 16:10 | URINARY EXCRETION OF FLAVANONE PHASE II METABOLITES DERIVED FROM ORANGE JUICE IN ADULTS WITH AND WITHOUT A COLON Speaker: Niamh Magee (United Kingdom) | 0 059 |
| 16:25 | A HIGH-THROUGHPUT PROTEOMIC APPROACH TO STUDY THE ROLE OF OMEGA-3 POLYUNSATURATED FATTY ACIDS ON THE HUMAN PLASMA PROTEOME: PRELIMINARY FINDINGS FROM THE MED_EAT-IT TRIAL Speaker: Mirko Marino (Italy) | 0 060 |
| 16:40 | EFFECT OF ACID HYDROLYSIS ON ELLAGITANNINS METABOLISM FROM JABUTICABA (MYRCIARIA JABOTICABA) PEEL AND SEED POWDER IN NORMOWEIGHT VOLUNTEERS Flash Oral Speaker: Mariana Costa Monteiro (Brazil) | 0 061 |
| 16:45 | EFFECT OF POLYPHENOL ADDITION TO MILK ON THE IN VITRO GASTRIC DIGESTION BEHAVIOUR OF MILK PROTEINS AND RELEASE OF POLYPHENOLS USING AN ADVANCED HUMAN DIGESTION MODEL Flash Oral Speaker: Isuri Jayawardana (France) | 0 062 |
| 16:50 | PHENOLIC COMPOUNDS COULD INTERFERE WITH SECONDARY AMINE N-NITROSATION IN CURED MEAT FORMULATION AND DIGESTION Flash Oral Speaker: Claire Dufour (France) | 0 063 |

Thursday, 5 June 2025

Plenary session V.

08:30–10:00

Océanie

Chairs: Torsten Bohn (Luxembourg), Maria Luisa Bonet (Spain)

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| 08:30 | PATIENTS FED EXCLUSIVELY WITH ARTIFICIAL NUTRITION SOLUTIONS FOR AT LEAST 6 MONTHS ARE DEFICIENT IN LUTEIN AND ZEAXANTHIN, THE BIOACTIVE PHYTOCHEMICALS THAT MAKE UP MACULAR PIGMENT Invited Speaker: Patrick Borel (France) | O 064 |
| 08:45 | INVOLVEMENT OF ABCB1 (P-GLYCOPROTEIN) IN THE EFFLUX OF FAT-SOLUBLE VITAMINS FROM ENTEROCYTES TO THE INTESTINAL LUMEN Invited Speaker: Emmanuelle Reboul (France) | O 065 |
| 09:00 | LYCOPENE CONCENTRATION IN ADIPOSE TISSUE EXHIBITS LARGE INTERINDIVIDUAL VARIABILITY AND IS ASSOCIATED WITH SEVERAL SINGLE NUCLEOTIDE POLYMORPHISMS Invited Speaker: Charles Desmarchelier (France) | O 066 |
| 09:15 | IMPROVEMENT OF METABOLIC HEALTH THROUGH OPTIMIZED TOMATO POWDER SUPPLEMENTATION: EVALUATION IN A PRECLINICAL MODEL Invited Speaker: Jean-François Landrier (France) | O 067 |
| 09:30 | VITAMIN D MODULATES THE LIPID COMPOSITION AND THE CONTENT OF INFLAMMATORY MICRORNAS IN ADIPOCYTE-DERIVED EXTRACELLULAR VESICLES UNDER INFLAMMATORY CONDITIONS Invited Speaker: Lourdes Mounien (France) | O 068 |
| 09:45 | CULTURAL PRACTICES, RAPESEED QUALITY, AND CONSUMER HEALTH: A MULTI-OMICS STUDY IN MICE WITH DYSREGULATED METABOLISM Invited Speaker: Jean-Charles Martin (France) | O 069 |

Coffee break and Poster viewing

10:00–10:30

Social events

Plenary session VI.

10:30–11:30

Océanie

Chairs: Yves Desjardins (Canada), Jean-Charles Martin (France)

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| 10:30 | NUTRITION OF THE NEONATE: DO THE DIFFERENCES IN COMPOSITION AND STRUCTURE BETWEEN HUMAN MILK AND INFANT FORMULA AFFECT THEIR DIGESTION? Invited Speaker: Didier Dupont (France) | O 070 |
| 11:00 | METABOLISM OF PROCYANIDINS BY THE HUMAN GUT MICROBIOTA: IMPACT OF THEIR INTERACTION WITH CELL WALL AND MODIFICATIONS INDUCED BY PROCESSING Invited Speaker: Carine Le Bourvellec (France) | O 071 |

Closing Ceremony and Awards

11:30–12:00

Océanie

Solabia Nutrition – where Science meets Innovation



At Solabia Nutrition, science drives everything we do. As part of the global Solabia Group, we develop natural, clinically researched ingredients that support human health and well-being across key areas including women's health, gut health, cognition, skin health, and more.

With over 25 years of expertise, our in-house R&D team operates at the heart of one of Europe's leading human nutrition research hubs—Maastricht University Medical Centre (MUMC+) and NUTRIM. We focus on plant-based solutions, with a particular emphasis on the health benefits of polyphenols, while also advancing our research in microalgae.

Trusted by health professionals and brands worldwide, Solabia Nutrition combines cutting-edge science with modern technologies to deliver truly innovative, evidence-based solutions.

<https://solabianutrition.com/>



Notes

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