

PROGRAMME

Monday 8th September

11.00 – 12.00: *Arrival and Registration*

12.00 – 12.30: *Welcome and introduction* - Laura Piazza (IT) : COST “Food Structure Design” contributions in improving knowledge on Gastrointestinal Engineering

12.30 – 13.30: *Lunch*

13.00– 14.45 : *Plenary Lecture 1* – Serafim Bakalis (UK) – An engineering approach to digestion models

14.45 – 15.00: *Coffee break*

15.00 – 16.45: *Plenary Lecture 2* - Patrizia Riso (IT) The concept of in vivo nutrient bioavailability: principles and perspective

16.45 – 18.30: *Plenary Lecture 3* – Diego Mora (IT) The Human Microbiota: complexity and role in defining human health

Tuesday 9th September

08.30 – 10.00: *Workshops 1 and 2* : Lab - Division of Human Nutrition (group A)+ Lab Food Microbiology and Bioprocesses- (group B)

10.00 – 10.15: *Coffee break*

10.15– 11.45 : *Workshops 1 and 2* : Lab - Division of Human Nutrition (group B) + Lab Food Microbiology and Bioprocesses – (group A)

11.45 – 13.00: *Plenary Lecture 4* Uri Lesmes (IL) : In vitro digestion models to interrogate food's digestive fate

13.00 – 14.00: *Lunch*

14.00 – 15.45: *Plenary Lecture 5*: Franco Bonomi (IT): Exploiting the structural flexibility of proteins in food design

15.45 – 16.00: *Coffee break*

16.00 – 17.00: *Plenary Lecture 6*: Alberto Battezzati, Simona Bertoli (IT) Food properties and open challenges in clinical nutrition

17.00 – 18.00: *Visit* - International Center for the Assessment of Nutritional Status (ICANS) – University of Milan

19.30 : *Dinner and night in Milan* (organized by Early Stage Researchers of DEFENS)

Wednesday 10th September

09.00 – 10.45: *Plenary Lecture 7*: Uri Lesmes (IL) Physicochemical strategies to modulate macronutrient digestibility and controlled release properties

10.45 – 11.00: *Coffee break*

11.00 – 12.45: *Plenary Lecture 8*: Alan Mackie (UK) In vitro simulation of human digestion: What can be replicated

12.45 – 13.00: *Close*: Laura Piazza (IT)

WELCOME IN MILAN !!!

Prof. Laura Piazza and Prof. Patrizia Riso

