



The European project responsible of investigating the influence of the gut microbiota on the risk of suffering obesity, metabolic and behavioural disorders organised its kick-off meeting in Valencia.

The 19 February took place in the **Institute of Agrochemistry and Food Technology (IATA-CSIC)** the kick-off meeting of the **project MyNewGut**. 30 partners from 11 European and 4 non-EU countries (EEUU, Canada, Australia and New Zealand) participate in the project under the leadership of IATA-CSIC. The project coordinated by PhD. Yolanda Sanz, head of the Microbial ecology, Nutrition and Health research group of IATA-CSIC, aims at **identifying the groups of bacteria involved in the metabolism of nutrients in our diets, energy balance, obesity and its comorbidities and in behaviour**.

The MyNewGut, acronym of Microbiome Influence on Energy balance and Brain Development-Function Put into Action to Tackle Diet-related Diseases and Behaviour, is a five years project and is co-funded by the **7th Framework Programme of the European Commission**. The outputs of the project will contribute to the **development of new strategies to prevent diet related diseases such as metabolic syndrome and obesity, as well as behavioural diseases**, for example eating disorders.

During the kick-off meeting of the MyNewGut project researchers presented the work plan and the procedures to be followed in order to achieve project objectives and guarantee a successful coordination among all partners. Specifically the 5 years investigation will shed light on **the role of the human microbiome in nutrient metabolism and in energy expenditure, its interaction with environmental factors, its role in the development and programming of brain, immune and metabolic functions** in childhood and at later stages of live, and to identify components and **microbiome functions** that constitute biomarkers to detect diseases such as obesity. The results will allow the design of ingredients and innovative food products that contribute to reducing the risk of suffering these pathologies and improve health and lifestyle of European citizens.

Are you interested in learning more about the MyNewGut project? You can write us to:

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www.mynewgut.eu