

ΠΡΟΚΗΡΥΞΗ 11 ΘΕΣΕΩΝ ΓΙΑ ΕΚΠΟΝΗΣΗ ΔΙΔΑΚΤΟΡΙΚΗΣ ΔΙΑΤΡΙΒΗΣ ΣΤΟ ΠΛΑΙΣΙΟ ΤΟΥ ΠΡΟΓΡΑΜΜΑΤΟΣ BioTransform-“Mapping the Uncharted Human Metabolism for Novel Food Bioactives”, HORIZON-MSCA-2024-DN-01, HORIZON TMA MSCA Doctoral Networks

BioTransform is a multidisciplinary doctoral network aiming to investigate the role of health promoting constituents found in food products (food bioactives - FB), focusing on their metabolism. Even though the role of the gut microbiome is nowadays considered imperative in health homeostasis and disease prevention, the available information regarding gut microbiome-driven FB biotransformations after food intake remains scarce and highly unexplored even regarding common food products. Thus, the goal of BioTransform is to combine state-of-the-art methods, technologies and approaches in a complementary and integrated way to reveal the role of metabolism in the digestive tract, and the impact of FB and their metabolites (biotransformation products) on health and disease. To this end, human pilot studies, *in vitro* and *in silico* metabolism simulation methods, gut microbiome sequencing, metabolite profiling and metabolomics will be employed. The BioTransform objectives will be accomplished through 11 complementary doctoral projects from 9 education and research entities, additionally including the participation of 6 associated partners from the private sector and one from academia.

BioTransform will recruit 11 enthusiastic, talented and driven doctoral candidates (DCs) who are highly motivated to become interdisciplinary and competent researchers and professionals in the area of health and food science. All recruited fellows will be enrolled in a PhD degree programme and will be employed full-time in this interdisciplinary and intersectoral network.

One position is available at the Department of Pharmacy of the National and Kapodistrian University of Athens.

One position is available at the Medical School, Laiko General Hospital, National and Kapodistrian University of Athens.

For further information please visit <https://biotransform-msca.eu/>

