



Obesity and overweight: neural correlates on life span. Brain networks characterization.

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The main goal of our current project is to characterize functional and structural brain networks in obesity and overweight, with special emphasis on biomarkers (including here dopaminergic genes, FTO, 5-HTT, peptides and inflammatory markers) that might act as mediators between phenotypic body weight and behavioral expression (impulsivity, reward sensitivity, inhibitory-control and executive function). We expect to advance our understanding of brain mechanisms associated with eating behavior, with the purpose of contributing to the development of more efficient preventive interventions and therapeutic treatments.

We accept **master students** (Master of Neurosciences and Master of General Health Psychology mainly) to work in our project and carry out their final thesis of master. Interest in Neuropsychology and Neuroimaging is required. There is the possibility to continue with doctoral studies in our research team.