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Gemelli



**Fondazione Policlinico Universitario Agostino Gemelli IRCCS
Università Cattolica del Sacro Cuore**



CEMAD

Centro Malattie Apparato Digerente
Digestive Disease Center

BIOGRAPHICAL SKETCH

My main interest is the modulation of innate immune system in mice model of IBD and the gut microbiome modifications in course of CD and UC. I have experienced in gut microbiota analysis from human and mice. I have explored the implications of anti-TNF-alpha and magnesium supplementation in a murine models of colitis and colorectal cancer. I have expertise also in training test (such as Rota-Rod), and anxiety and depression tests in mice experimental model. Actually, I have a key role in the management of experimental part and data analysis in European project on circular DNA where my research group is involved. I have also developed excellent mentoring skills, by supervising both the experimental work and the thesis writing up of more than 15 MD and M.Sc. undergraduate students.

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