BIOGRAPHICAL SKETCH

NAME	POSITION TITLE
Francesco Maria Piarulli	Resident in Psychiatry (3rd year of residency)

EDUCATION/TRAINING *(Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable.)*

INSTITUTION AND LOCATION	DEGREE	MM/YY	FIELD OF STUDY
University of Bari "Aldo Moro" (UNIBA), Italy	M.D.	10/2016	Medicine and Surgery
University of Bari "Aldo Moro" (UNIBA), Italy	Enrollment in the professional order	02/2017	Medicine and Surgery

A. Personal Statement

My main interest as a clinician is to treat patients affected by severe mental disorders, combining pharmacological treatment with psychotherapeutic techniques.
In my research work I first focused on gene-environment interaction processes and their effect on schizophrenia intermediate phenotypes. Lately I developed interest in normative modelling approaches as a tool to convey and better understand the problem of heterogeneity in psychiatry.
I am interested in the way environmental factors influence behavior, producing heterogeneous effects at cognitive and neurobiological levels in different individuals. I am curious about the interaction between genetic and environmental factors that underlie these differences between individuals and the ways to uncover these complex mechanism.

B. Positions and Honors

Positions and Employment

2017- Residency in Psychiatry - Department of Basic Medical Science, Neuroscience and Sense Organs, Psychiatric Neuroscience Group, University of Bari "Aldo Moro"

Professional Experience

2015- Member of the neuroimaging research group – Department of Basic Medical Science, Neuroscience and Sense Organs, Psychiatric Neuroscience Group, University of Bari "Aldo Moro"

2018- Member of the clinical research group – Department of Basic Medical Science, Neuroscience and Sense Organs, Psychiatric Neuroscience Group, University of Bari "Aldo Moro"

C. Contributions to science

1. Taurisano P., Pergola G., Monda A., Antonucci L.A., Di Carlo P., **Piarulli F.**, Passiatore R., Papalino M., Romano R., Monaco A., Rampino A., Bonvino A., Porcelli A, Popolizio T., Bellotti R., Bertolino A, Blasi G. *The interaction between cannabis use and a CB1-related polygenic co-expression index modulates dorsolateral prefrontal activity during working memory processing*. Brain Imaging and Behavior (2020). https://doi.org/10.1007/s11682-020-00256-z