LUCIA BOERI

CONTACT

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EDUCATION

2015-2018: Ph.D. candidate in Bioengineering, Department of Electronics, Information and Bioengineering, Politecnico di Milano (Italy). Thesis Title: Fluorescent transcription factors as tools to evaluate the influence of mechanical stimuli on nuclear import; Supervisors: Raimondi MT, Albani D; Co-Supervisor: Jacchetti E.

2015: Qualifying examination to perform *in vivo* experiments, IRCCS–Istituto di Ricerche Farmacologiche "Mario Negri", Milan, Italy.

2015: Master degree *magna cum Laude* in Molecular Biology, Università degli Studi di Parma, Parma (Italy) Thesis Title: Association Study and *in Vivo* Molecular Investigation of *TREM2* Gene in Dementia. Supervisors: Donnini C, Albani D

CURRENT POSITION

2018-present: Research fellow, Technobiology lab, Department of Chemistry, Materials and Chemical Engineering "Giulio Natta", Politecnico di Milano (Italy) (Head: Prof. Giordano C).

PREVIOUS POSITIONS

2015-2018: Research fellow, Mechanobiology lab, Department of Chemistry, Materials and Chemical Engineering "Giulio Natta", Politecnico di Milano (Italy) (Head: Prof. Raimondi MT).

2016-2018: Visiting PhD student at Genetics of neurodegenerative disorders unit, IRCCS Istituto di Ricerche Farmacologiche "Mario Negri", Milan (Italy).

2015-2016: Visiting PhD student at the Protein Crystallography and Protein Engineering Lab (Head: Prof. Alessandro Negro), Università di Padova, Padua, Italy.

INVOLVEMENT IN RESEARCH PROJECTS

2018-today: MINERVA-Microbiota-Gut-BraiNEngineeRed platform to eVAluate intestinal microflora

impact on brain functionality-ERC Consolidator Grant 2016 (Role: Team member)

2015-2018: NICHOID-Mechanobiology of nuclear import of transcription factors modelled within a

bioengineered stem cell niche-ERC Consolidator Grant 2014 (Role: Team member)

MEMBERSHIP IN SCIENTIFIC BODIES/JURIES

2015-2018: Student Member of Gruppo Nazionale di Bioingegneria (GNB)

2017-2018: Member of Associazione Italiana per la Ricerca sull'Invecchiamento Cerebrale (AIRIC)