

CV
PERWIN YASAR

RESEARCH EXPERIENCE

2023 - 2024: French Armed Forces Biomedical Institute, Brétigny-sur-Orge, France
Consultant and Trainee - Unit: Neurophysiology of Stress, Team: Post traumatic stress disorder, Project: search of biomarkers of PTSD in an *in vitro* model of neural mouse stem cells differentiated into neurons

2021 - 2022: Institute of Cell Biology, Paris, France
Engineer - Laboratory: Adaptation and Aging, Team: Brain C: study of the biological resilience in the context of neurodegenerative disorders on human stem cells differentiated into neurons

2018 – 2020: Group epigenetics mechanisms of complex genome editing
Characterization of genes involved in sexual maturation and stress response leading to induction of meiosis in *Paramecium tetraurelia*
Pre doctoral training – Institute of Cell Biology, Bern University, Switzerland

2017: Group transgenerational epigenetics of post-traumatic stress Disorder
Identification of novel glucocorticoid-related genes and gene networks involved in post-traumatic stress disorder in veterans blood samples
Intern – Mount sinaï hospital and US department of veterans affairs, NYC, USA

2016: Division of Cancer Epidemiology
Quality of life-changes over time and lifestyle determinants in humans
Intern – German cancer research center, Heidelberg, Germany

2016: Group normal and pathological hematopoiesis and
Intern – INSERM, Gustave Roussy Institute, Villejuif, France
Genetics and Epigenetics of acute myeloid leukemia: functional interaction of a transcription factor and polycomb in mice leukemic cells, genotyping of a sick mice for a DNA replication factor

2015: Group Antioxydants biotherapies
Intern – Bio-organo chemistry laboratory, Dicle University, Turkey
Effect of an Hibiscus extract against DNA breaks in bacteria

2014: Group stem cells biotherapies, adaptation and aging
Intern – CNRS, UPMC and Georges Pompidou Hospital, Paris, France
Control of the inflammation response in mice implanted with a cardiac patch containing cardiomyocytes derived from human embryonic stem cells

EDUCATION

2023

Master in Neurosciences
Paris-Saclay University, Palaiseau, France

2023

Training in Astrobiology and Exobiology
International Space University, Strasbourg, France

2012 - 2017

Sorbonne University – Faculty of Science, Paris, France
Bachelor in Biology and Chemistry (microbiology, ecology...)
Master in Molecular and Cell Biology: biochemistry, genetics, epigenetics
Genome analysis courses (Pasteur Institute of Paris)
Evolutionary genomics courses (Ecole Normale Supérieure of Paris)
Organic, inorganic chemistry, biophysics and exobiology courses

2013 – 2016

Project leader – Creation of the first iGEM team at Sorbonne Univ
International Genetically Engineered Machine, a worldwide synthetic biology competition created by the MIT

2007 – 2010

Laureate – Scholar program with the Polytechnique School of Paris, France

2010 - 2012

Université Paris Sud 11 – Faculty of medicine, Orsay, France
Science projects in physics and engineering, visits of airplanes industries, presentations in seminars optics, thermodynamics, anatomy, physiology, mathematics