# 1 FRENCH PRIVATE FUNDING ORGANIZATION
dedicated to Alzheimer’s disease research
over the last 10 years
Based on my international scientific background, I undertook research on the genetic susceptibility factors associated with Alzheimer’s disease. Thanks to the Drosophila model, I identify and analyze new genes involved in the deleterious mechanisms that lead to abnormal accumulation of amyloid peptide and Tau protein, brain cell death, and Alzheimer’s disease.

This work has led to the discovery of a link between several susceptibility genes and proteins involved in cell function and communication between cells. The support of the Fondation Alzheimer is crucial for the next steps in my career and for continuing to contribute to advances in understanding the causes of the disease.

In my research on prevention, I use epidemiology as a science and longitudinal cohort studies as tools to understand how improving our environment could prevent or delay Alzheimer’s disease. We collect the behavior and environmental exposures of participants and assess the risks of developing the pathology at a later time.

With the support of the Fondation Alzheimer, I combined cohort data in France and the United States to quantify the extent to which a healthy diet or optimal level of cardiovascular health, decreases cognitive decline and disease. Today, I identify the biological basis of the link between exposome and disease development, in order to develop precision prevention tailored to the profile of each individual.

The Fondation Alzheimer supported my BIORAN team in its objective of developing the first PET radiopharmaceutical for 5-HT6 serotonin receptors. Biomedical imaging of this brain target will open up new fields in the understanding of cognitive disorders.

This funding was crucial because it made it possible to overcome the first risky stages of this project: the complex chemical synthesis of the molecule under pharmaceutical conditions, its preclinical analyzes, ... before its transfer to humans.
OUR ACTIONS

**Boosting your career**

**Joel Menard Award**
A prize valorizing your early achievements and benefiting you directly

**Young Researcher Program**
3-year salary sponsorship within a host laboratory in France

**Senior Investigator Program**
5-year salary sponsorship and more to pursue your scientific goals

**Leading cutting-edge research**

**Innovative project grant**
2-year grant to develop your newest and most promising projects

**Collaborative project grant**
Your opportunity to create a synergistic tool for the scientific and/or medical community

**Facilitating immersive training**

**DIU MA2**
2-year support to obtain a recognized and reputable diploma in the field of Alzheimer care

**Atlantic fellow**
One year overseas training support by the best experts and the opportunity to network with international community
The Fondation Alzheimer is unique in its strong philanthropic values; positive vision, solidarity, excellence, and integrity.

**Our legitimacy:** We are the #1 private funder of Alzheimer and related diseases research in France.

**Our strength:** We partner with public and private organisations.

**Our vocation:** We transfer 100% of our public donations to researchers.

**Our top 3 objectives:**
> To gather all national stakeholders towards fighting the disease
> To support French research, from basic science to clinical trials
> To inform the general public through an outreach and educational program

**CONTACT US**

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