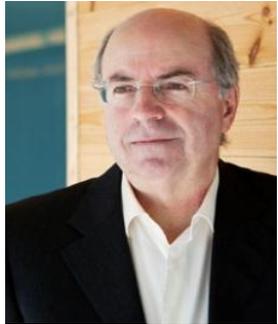


pasqual  
maragall  
foundation

*Provide solutions to  
Alzheimer's disease and related  
neurodegenerative diseases*



Pasqual Maragall former Mayor of Barcelona and President of the Catalonia regional government



**Jordi Camí, M.D., Ph.D.**  
Director of Pasqual Maragall Foundation &  
Barcelona Biomedical Research Park

**Scientific Advisory Board**

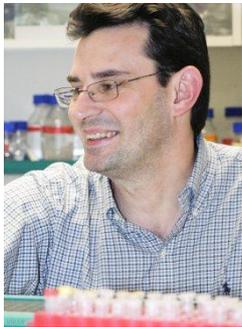
**Oscar Marín, Ph.D.**  
Institute of  
Neuroscience (CSIC-  
UMH), Alicante

**Francesc Posas, Ph.D.**  
Dept. Experimental and  
Health Sciences  
Universitat Pompeu  
Fabra, Barcelona

**José Luís Molinuevo,  
M.D., Ph.D.**  
Alzheimer & Cognitive  
Disorders, Hospital  
Clinic, Barcelona

**Jesús Pujol, M.D.,  
Ph.D.**  
NMR Research Unit  
Hospital del Mar,  
Barcelona

**Luis Ruiz Avila, Ph.D.**  
Janus Developments,  
Barcelona



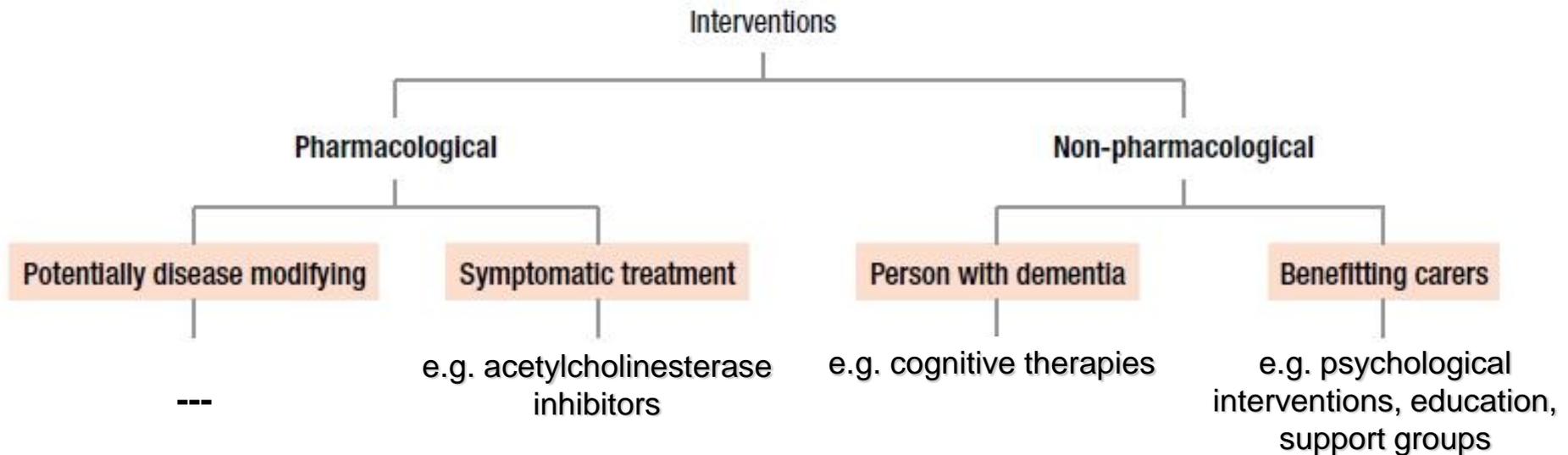
**pasqual  
maragall  
foundation**

- Early Detection Program
- Innovation Program
- Research program

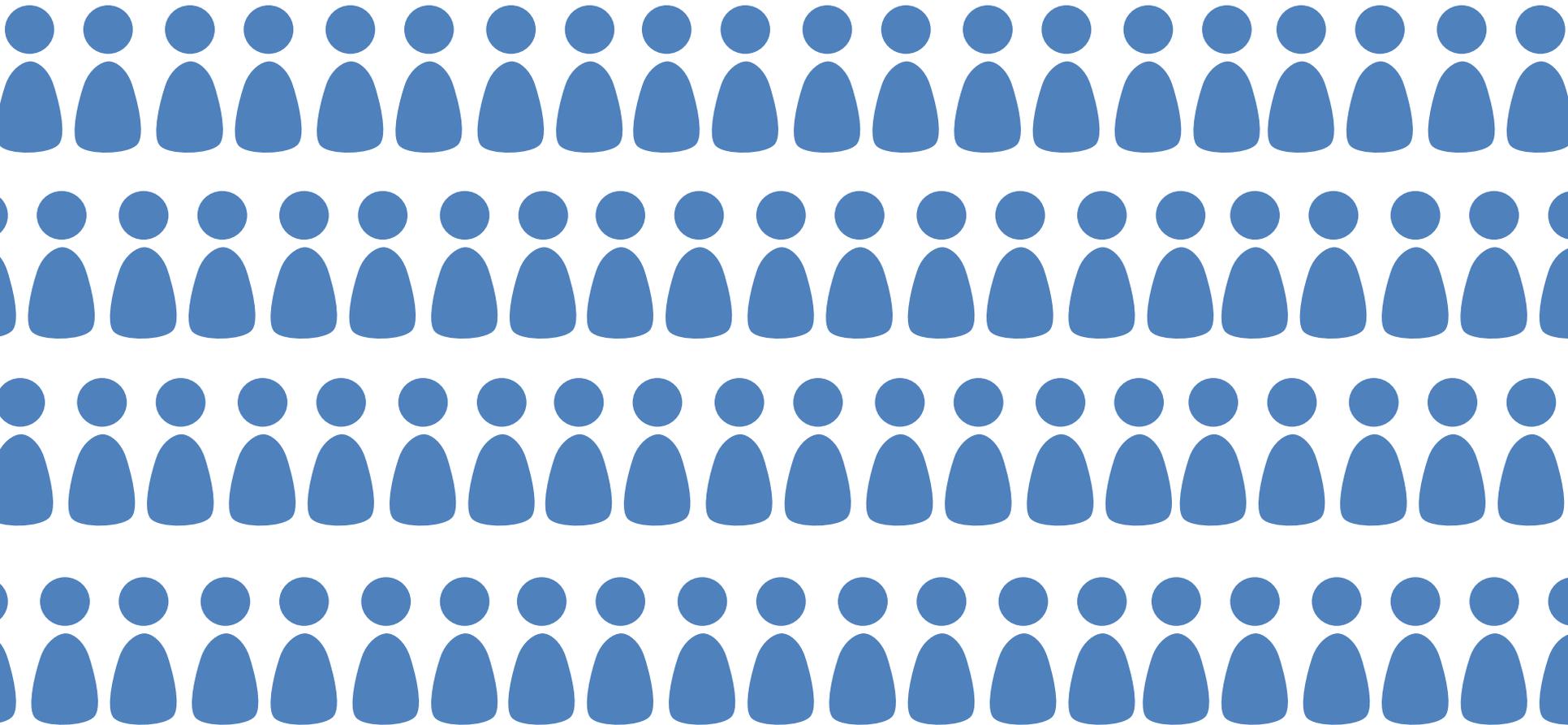
**pasqual  
maragall  
foundation**

- Early Detection Program
- Innovation Program
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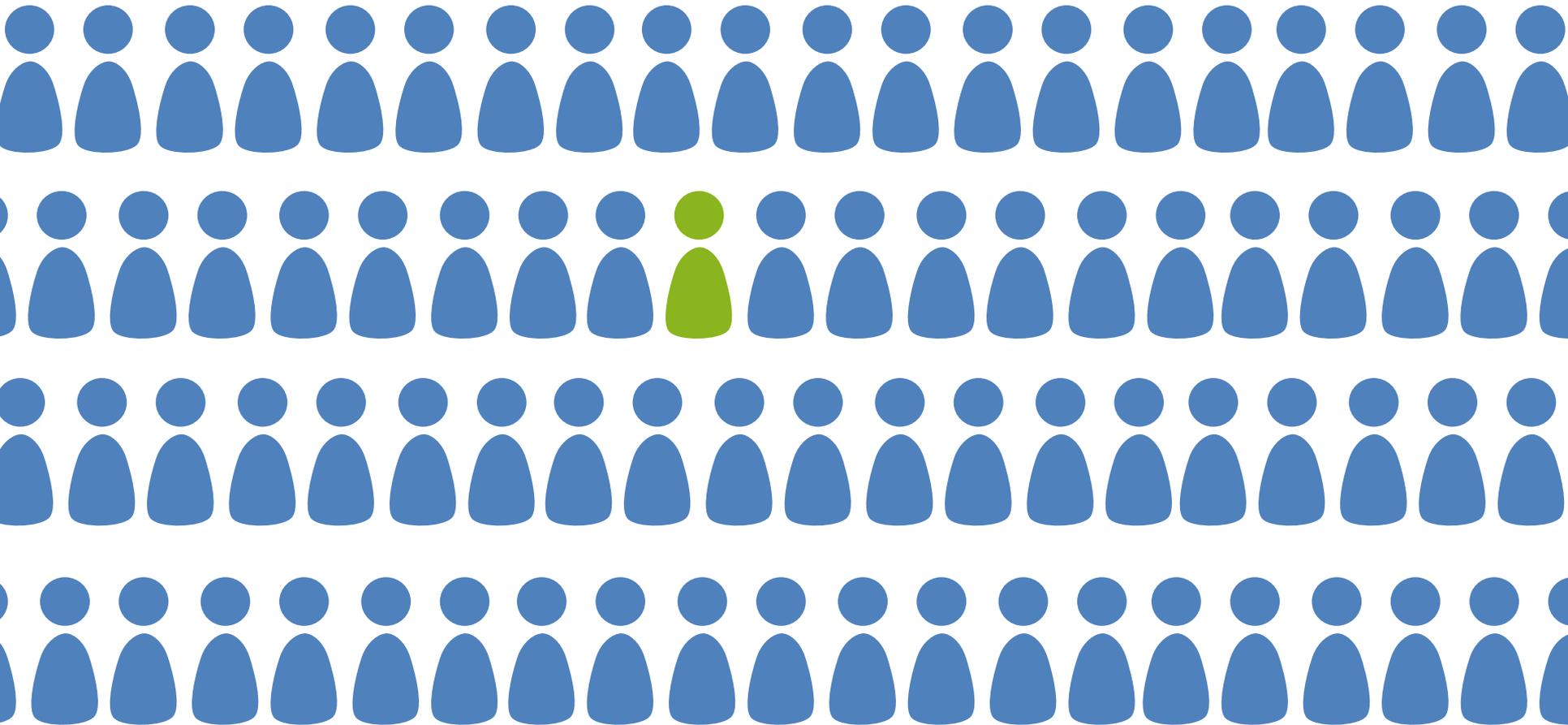
- Alzheimer's disease was first described more than a hundred years ago. However, we are still far from understanding the causes and designing effective disease-modifying treatments.
- There have been important advances in the field over the last 30 years, although findings have not been revolutionary.



There are many labs and centers performing research in the field of Alzheimer's disease...



What can the Pasqual Maragall Foundation add?



# Transformative Research Program

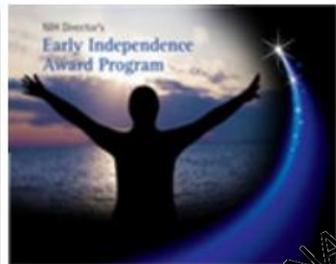
We believe that the scientific project of the FPM will only make a difference if it decisively focusses on supporting transformative research

To this aim, the PMF should:

attract exceptional scientists willing to develop innovative, non-conventional research

- ★ from any country: internationalization
- ★ from different fields: interdisciplinary
- ★ from different generations: experienced researchers + young talents

# Funding agencies promoting transformative research



Early Independence Award



New Innovator Award



Pioneer Award



Transformative Research Award



# An example of a transformative research center

**HHMI**  
HOWARD HUGHES MEDICAL INSTITUTE



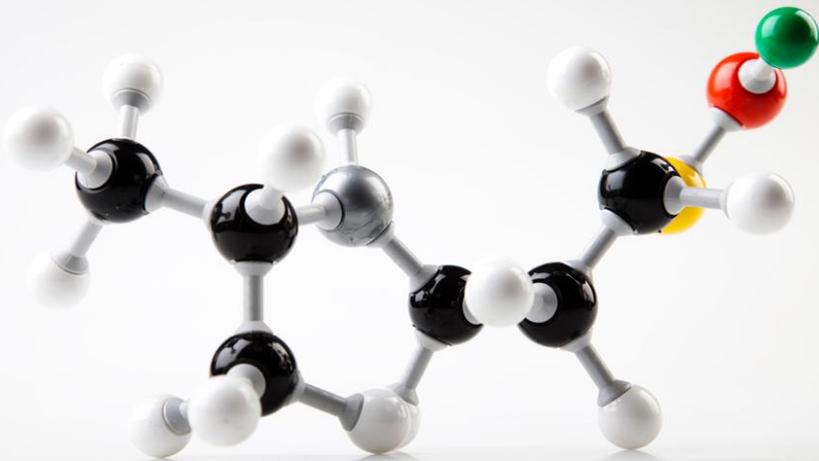
“Our hope is that our investigators will dream boldly and tackle **high-risk, high-reward research questions** that will change how we see the world.”

**Thomas Cech**

Nobel Laureate in chemistry and former President of  
Howard Hughes Medical Institute



# Barcelonaβeta Brain Research Center



# Barcelonaβeta Brain Research Center



# Barcelonaβeta Brain Research Center

- In construction, operational in 2014
- 4300 m<sup>2</sup>



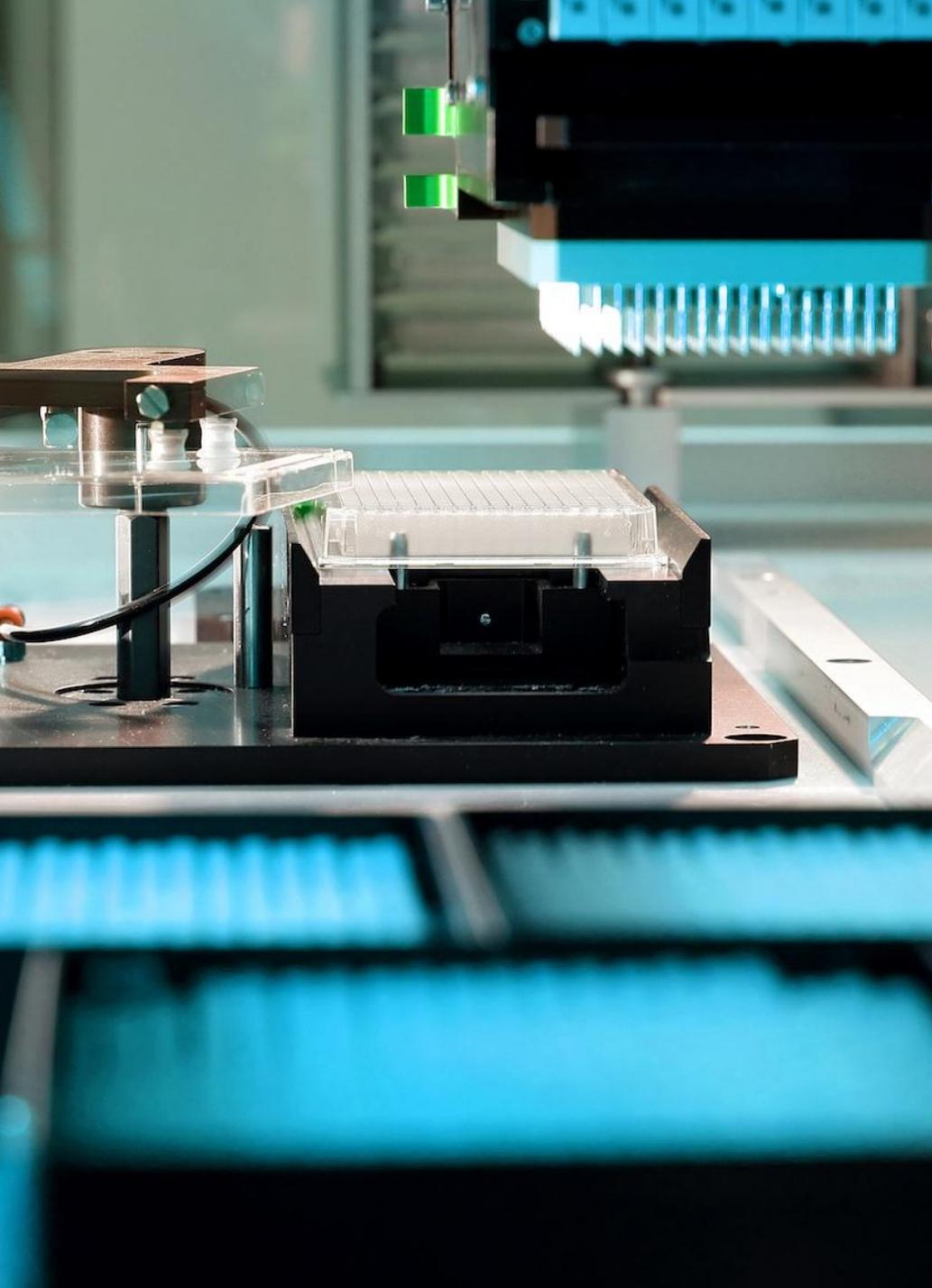


# Who?

Outstanding  
scientists

Young and  
senior group  
leaders

International  
talent



# What?

Different  
approaches

Frontier  
research

Interdisciplinary



# How?

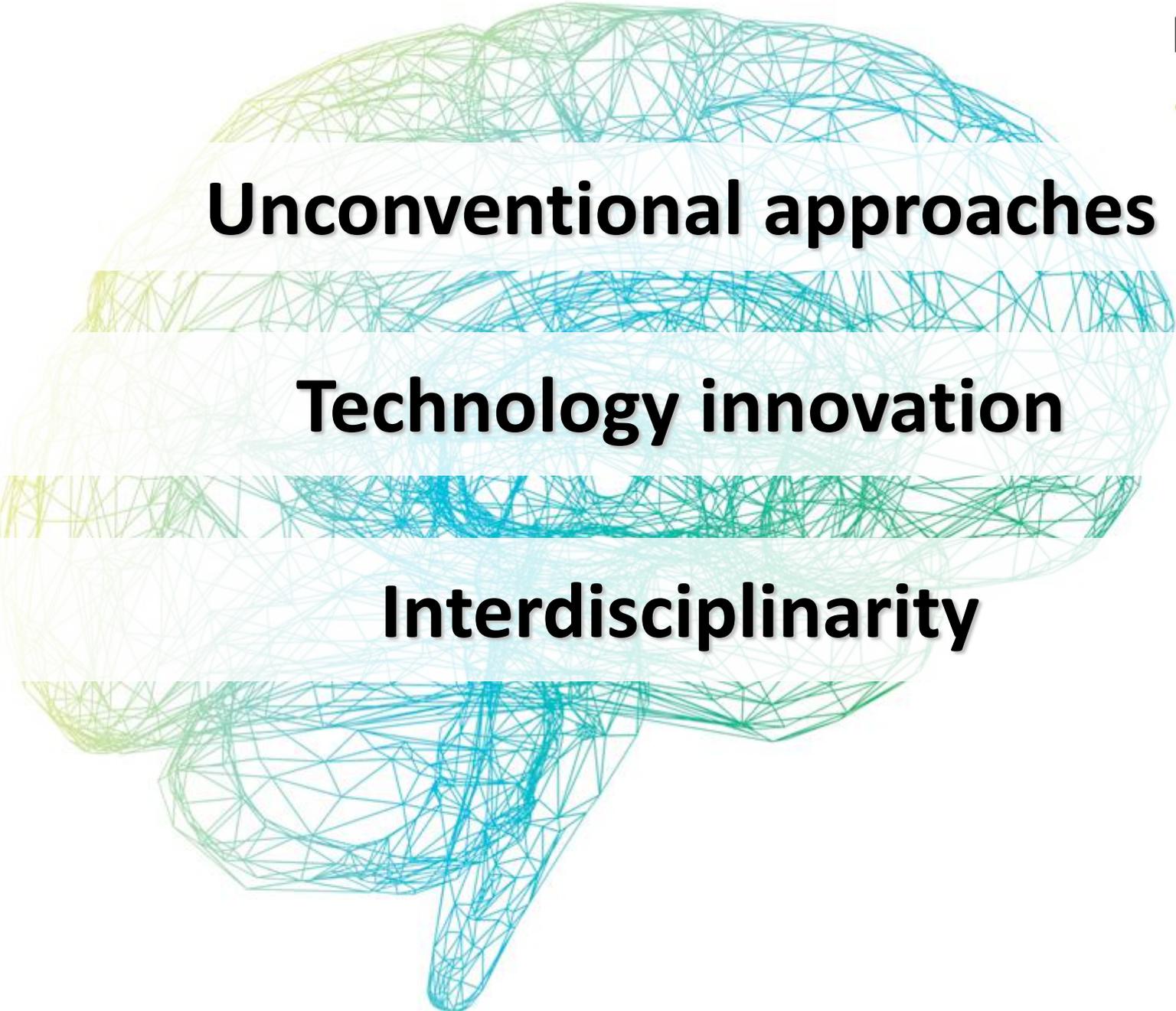
Strong and  
continuous  
core funding

Technological  
platforms

Outstanding  
scientific  
environment

# Program structure and philosophy

- **We aim to recruit a total of 12 research groups:** 4 led by senior scientists and 8 led by junior scientists (0-6 years of postdoctoral experience)
- Generous startup and **core funding** (400.000 euros/year for senior and 250.000 euros/year for junior)
- **Small groups** will be specifically enforced to foster internal collaboration
- **Horizontal** relationship between the research groups, no hierarchical organization, no formal research programs
- Strong **management support** to free researchers from bureaucratic responsibilities
- Groups will be evaluated every five years with the support of an External Scientific Advisory Board



**Unconventional approaches**

**Technology innovation**

**Interdisciplinarity**