

## Open position: **Research Technician with the company CIRCE Scientific.**

**TITLE:** Research Technician (Group III)

**REF:** CRE25-02

**Application deadline:** 09/05/2025

**CONTRACT:** Technician position for the POLYPH-BRAIN project (Nuclis R+D 2024 – ACCIÓ call). Collaboration between CIRCE Scientific and Creatio, Faculty of Medicine and Health Sciences, University of Barcelona.

**EMPLOYER:** The employment contract will be made by the company CIRCE Scientific.

**START DATE:** 1/06/2025

**DURATION:** 2 years

**WORKING HOURS:** 37.5 hours per week (full-time)

**WORK SCHEDULE:** Monday to Friday, split shift.

**GROSS SALARY:** €24,700.00 / gross annual

### Job Summary

The **specialized technician position (Group III)** is for work on the project: Development of highly bioavailable polyphenol combinations as therapeutic agents for the treatment of neurodegenerative diseases (POLYPH-BRAIN), funded by the *Generalitat de Catalunya - ACCIÓ Program, Nuclis R+D Projects (2024 Call)*. Resolution EMT/1287/2024.

The general objective of the project is the development of new highly bioavailable crystalline forms of nutraceutical ingredients for the prevention or treatment of neurodegenerative diseases (Alzheimer's).

The project is carried out in collaboration with [CIRCE Scientific](#) and [Creatio](#), the advanced therapy production and validation center of the University of Barcelona.

### Main Tasks

The selected person will be responsible for project objectives related to the toxicology and functionality of polyphenols in Alzheimer's disease models. This includes:

- Toxicology studies of polyphenolic compounds.
- In vitro toxicology studies of polyphenolic compounds.
- Work on mouse models of Alzheimer's disease, at the final stage of the project, to evaluate whether these polyphenols are beneficial and correct some phenotypic aspects of the model.

## Requirements

Applicants must have:

- Higher vocational training (FP2), intermediate vocational training degree.
- Certificate for animal handling with accreditation for the functions: Animal care, animal euthanasia, and procedure performance.

Must have knowledge and prior experience in:

- Animal behavior testing (mice)
- Histology techniques
- Molecular biology techniques
- Cell culture manipulation

## Expression of Interest

Interested candidates should send their applications to:

Josep M Canals: [jmcanals@ub.edu](mailto:jmcanals@ub.edu)

Albert Giralt: [albertgiralt@ub.edu](mailto:albertgiralt@ub.edu)

## ABOUT CIRCE SCIENTIFIC

CIRCE Scientific is an emerging ingredient company focused on using co-crystal technology to enhance properties such as increased bioavailability, stability, and solubility for nutraceutical and cosmetic applications.

The company was founded in 2012, mainly conducting crystal engineering research on pharmaceutical compounds for pharmaceutical companies.

Since 2017, we have developed our own portfolio of active ingredients optimized for longevity and healthy aging.

By applying our patented crystal engineering platform, we aim to drastically optimize the health benefits of known active ingredients such as pterostilbene, ubiquinol, sitosterol, and vitamin D to develop innovative products in emerging health and longevity markets.

More information, visit: <https://www.circescientific.com/en>

## ABOUT CREATIO

Creatio is the Production and Validation Center for Advanced Therapies of the Faculty of Medicine and Health Sciences at the University of Barcelona. Our mission is to offer advanced therapy-based solutions to increase the efficiency of the healthcare system and improve society's quality of life.

Our experienced multidisciplinary team works to the highest quality standards. We establish strategic alliances with companies, research centers, and hospitals to develop new projects and/or products in this innovative medical field.

The avantdrug preclinical studies area is dedicated to validating new technologies and medical products in development for regulatory approval.

With extensive experience in the sector, our qualified professionals offer public and private sector clients a wide range of preclinical studies carried out under high-quality standards, ISO 9001:2015 and/or GLP quality standards, as well as technical and scientific consulting services.

More information, visit: <https://www.ub.edu/creatio>