Open position for: **Research Area and Clinical Production Area**

TITLE: Researcher expert in gene therapy.

REF: CRE25-10 **APPLICATION DEADLINE:** December 19th, 2025

CONTRACT: Research position in Creatio translational research, *IDIBAPS-Universitat de Barcelona.*

START DATE: January 19th, 2026

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

WORK SCHEDULE: 8:30/9:30 a.m. – 5:00 p.m./6:00 p.m. (includes weekends when necessary and sporadically some nights for urgent matters)

GROSS SALARY: According to the experience of the candidate

Job summary

The research position is framed between the research area and the clinical production area at Creatio, Production and Validation Center of Advanced Therapies, with the aim of developing gene therapy medicinal products for clinical use in the treatment of Huntington's disease (HD).

To this end, proprietary molecular constructs will be designed and developed to enable the production of neurotrophic factors to protect neurons affected in HD. In addition, new clones of packaging cells will be isolated in order to establish in-house cell lines and create a centre-owned viral vector production system.

The successful candidate will be responsible for developing gene therapy strategies within the framework of the Spanish Network of Advanced Therapies, with the aim of evaluating therapeutic solutions for this devastating neurodegenerative disease.

Main tasks

The researcher will be expected to work independently to develop a new in-house system for the production of lentiviral particles, from the isolation of new packaging cell lines to the molecular engineering required to overexpress the neurotrophic factor BDNF, with the aim of establishing a strategy that can be protected through patents and trade secrets. This will not only enable the development of a new gene therapy for HD, but will also allow the tools generated to be used for the production of other gene-based medicinal products for different diseases.

These developments must be compatible with their use under GMP guidelines for medicinal product manufacturing, and therefore part of the research will be carried out in collaboration with the clinical production area at Creatio.

Requirements

Applicants must have extensive experience in gene therapy and be capable of independently develop lentiviral particles and molecular constructs.

- Experience in a biomedical laboratory.
- Experience in molecular biology and lentivirus production.
- Experience in handling viral particles for gene therapy in vivo or ex vivo.
- Availability to work on weekends, when required.

The following will be an asset:

- Doctorate in Biomedicine or equivalent.
- Experience in quality control procedures.
- Experience in cell culture and stem cells.
- Knowledge of GMP.
- Familiarity with the UNE-EN ISO 9001 standard.
- Proficiency in Catalan, English and Spanish.
- Organized, methodical, proactive and motivated.
- Ability to work with other team members.

More information

Interested candidates should send their application to:

- Josep M. Canals: jmcanals@ub.edu
- CC: Creatio Strategy and Management Sub-area (info.creatio@ub.edu).

Applicants are kindly requested to submit a CV and a letter of interest.

ABOUT CREATIO

Creatio is the Advanced Therapies Production and Validation Center of the Faculty of Medicine and Health Sciences of the Universitat de Barcelona. Our mission is to offer solutions based on advanced therapies in order to increase the efficiency of the healthcare system and the quality of life of society. We establish strategic alliances with companies, research centers and hospitals to develop new projects and/or products in this innovative medical field.

The clinical production area offers validation and production services for advanced therapies for clinical use, carried out under high quality standards and in accordance with ISO 9001:2015 and/or GMP.

The preclinical area is dedicated to the validation of new technologies and healthcare products under development for regulatory approval and offers a wide range of preclinical studies performed under high quality standards, in accordance with ISO 9001:2015 and/or GLP.

With extensive experience in the field, our qualified professionals also provide technical and scientific consultancy services. For more information, visit: https://www.ub.edu/creatio .