



Research Technician, Biochemistry, Natural Bioactives and Nutraceuticals Area

Ref. VIIAFOOD_MSc_2025

iBET is seeking a highly motivated Research Technician to join our Natural Bioactives and Nutraceuticals Area. The selected candidate will work in a project financed by IPAMEI - PRR – Plano de Recuperação e Resiliência, “Agenda VIIAFOOD – Plataforma para a Valorização, Industrialização e Inovação comercial para o Agroalimentar”, framed in the notice nº 02/C05-i01/2022.

As a research technician in this project, you will contribute to develop new natural ingredients with health benefits, for food and cosmetic applications. You will have a major role in evaluating the bioactivity of these new natural ingredients using preclinical assays (chemical, enzymatic and cell-based assays) for antioxidant, antiproliferative, anti-inflammatory and anti-hyperglycaemic effects. This is an exciting opportunity to work in a wide research network in close contact with partners of the national agrifood industry.

Why iBET?

iBET is a private, not-for-profit R&D institute working at the interface of engineering and biology to advance the development of New Biopharmaceuticals and to create sustainable solutions for Food and Health.

Our mission is to provide biotechnology solutions globally by advancing Scientific Research and Technological Development. Working at iBET is to be driven by ambition, commitment, integrity, and a sense of innovation to search for knowledge, creating value to our partners and stakeholders.

Our core areas are Biopharma and Sustainability for Food & Health. We develop processes and platforms for advanced gene and cell therapies, vaccines, and clinically relevant proteins, from R&D to Analytics and Tech-Transfer to GMP. We also explore innovative solutions to detect food fraud, water and food contaminations, and the identification of new bioactive food supplements.

We offer state-of-the-art R&D infrastructure for cellular bioengineering and biology research, including flow cytometry, cell sorting and microscopy, in addition to a Mass Spectrometry Unit and a Late-Stage R&D and Bioproduction Unit. With our new building, iBET Biofarma, we are expanding our research infrastructure with 30 new labs, including one BSL3, which will accommodate up to 100 new researchers.

Located in the coastal town of Oeiras, iBET is conveniently situated within easy reach of Lisbon and Cascais. More information about iBET and its activities can be found on our website www.ibet.pt.

Tasks and responsibilities:

- Evaluation of the bioactivity of natural extracts using preclinical assays: antioxidant, antiproliferative, anti-inflammatory and anti-hyperglycaemic effect
- In vitro digestion methods and permeability studies in intestinal cells for the evaluation of bioaccessibility and bioavailability of bioactive compounds present in foods and natural matrices

Admission Requirements:

Education and Experience

- Degree or master's degree in Biochemistry, Biotechnology, Biological Engineering or similar and at least one year research experience in mammalian cell culture techniques.

Technical Skills

- Experience with mammalian cell culture techniques, including 3D cell culture.
- Experience in bioactivity assays (antioxidant, antiproliferative, anti-inflammatory and anti-hyperglycemic activities) of natural compounds and extracts using chemical and cell-based assays;
- Experience in in vitro digestion methods for foods and cell permeability assays;
- Experience in cell and molecular biology techniques namely Western Blotting, PCR, immunofluorescence assay and image analysis;
- Experience in chromatographic techniques, namely HPLC, for the analysis of natural bioactive compounds;
- Good knowledge/Proficiency in English, spoken and written

Soft Skills

- Goal-driven profile
- Good communication and organization skills
- Motivation to work as a team player as well as individually
- Ability to adapt in a fast-paced environment coupled with a proven ability to learn.
- Initiative and creativity to generate new scientific ideas in research or development activities.

What we offer:

We offer an opportunity to work in an open and collaborative environment with a highly qualified, dynamic, and project-driven team.

iBET is heavily committed to enabling scientists and training students for excellence, encouraging, and fostering collaboration and innovation.

At iBET you will meet a young and international community with low average age, very gender-balanced, of around 255 qualified professionals, including more than 100 PhDs, in addition to the student community.

We offer initial and continuous training according to the level of career development, including scientific and soft skills, and an attractive salary package in line with the best international practices. Included in our health and wellbeing promotion program, iBET Move promotes physical and mental activity to all iBET employees.

How to apply:

Does this sound like the right challenge for you? Apply now with your detailed CV and motivation letter to jobs@ibet.pt, referring to the job reference **Ref. VIIAFOOD_MSc_2025** in the subject of the email. Application deadline: 22/08/2025

Applications will be evaluated based on CV merits, motivation, and experience according to the profile described in this announcement.

Expected Starting Date – 11st September 2025

Selection criteria - The selection of the candidates will be made according to the following:

- Academic training with a minimum of 16 values - 40%.
- Curriculum Assessment (CV) according to the admission requirements - 60%

Curriculum Assessment will be carried out according to the admission requirements. If the jury wishes, can proceed with interview. The interview will be carried out for all candidates who have a Curriculum Assessment greater than 80%. Thus, the final evaluation will consist of 90% of curriculum evaluation and 10% of the interview evaluation.

Applicants who do not meet the above admission requirements will not be eligible.

Non-discrimination and equal access policy:

iBET actively promotes a policy of non-discrimination and equal access, so that no candidate can be privileged, benefited, harmed or deprived of any right, on basis of age, sex, sexual orientation, marital status, family status, economic situation, education, social origin or condition, genetic heritage, reduced working capacity, disability, chronic illness, nationality, race, territory of origin, language, religion, political or ideological convictions, and trade union membership.

General Data Protection Regulation (GDPR):

With the entry into force of Regulation (EU) 2016/679 of the European Parliament and of the Council of 26 April 2016, commonly known as the General Data Protection Regulation (GDPR) and in order to ensure a fair and transparent treatment of the data subject, iBET informs that by applying for this announcement, you are authorizing iBET to collect and process your personal data deemed necessary and relevant to this recruitment process. By applying, and if you are not selected in this application process, you grant authorization for your data to be shared with other departments of iBET, within the scope of other recruitment processes in which you are eligible and your CV fits.