

## **OPEN FACULTY SEARCH and CALL FOR EXPRESSIONS OF INTEREST for ASSISTANT PROFESSOR POSITION**

The Department of Bioengineering (DBE, <https://dbe.tecnico.ulisboa.pt/>) at the Instituto Superior Técnico (IST) of the University of Lisbon is conducting an open search for candidates who are interested in applying for upcoming openings of tenure track Assistant Professor positions in the scientific area **of Biomaterials, Nanotechnology and Regenerative Medicine**. The candidates will be expected to:

- 1) Develop a strong and independent research career with national and international recognition;
- 2) Develop a research program which can attract competitive funding at the national and international level;
- 3) Supervise undergraduate, MSc and PhD students;
- 4) Contribute to both undergraduate (BSc) and graduate (MSc and PhD) teaching programs;
- 5) Carry out other service activities as a faculty member, by interacting collegially and maintaining the highest standard of integrity and ethics.

### **General requirements and desired skills:**

Prospective candidates must, by the date of the upcoming opening, have earned a doctoral degree in Bioengineering/Biomedical Engineering/Biological Engineering or in a related engineering discipline and a recognized scientific curriculum in biomaterials, nanobiotechnology or regenerative medicine. A strong research track record and University-level teaching experience are preferential qualifications. The ability to foster an inspiring working environment and set up a network of scientific collaborations within and outside the university is highly valuable. A strong motivation to implement their own vision and set up their own (externally funded) research program is also required. Strong communication skills and proficiency of the English language are required.

### **Specific requirements for this position:**

DBE invites expressions of interest of candidates with research interests focusing on stem cell biology, engineering and therapies; on nanobiotechnology and organs-on-a-chip; and on biomaterials, with an emphasis on micro and nanotechnological approaches to these challenges. These topics aim at boosting applications in cellular and gene therapy, tissue engineering and regenerative medicine, high-throughput drug screening, biosensing devices, toxicological testing, and/or in the development of cellular agriculture.

The candidates may be invited to give a seminar in their field of expertise in the seminar series of the Department or be called for a presential or remote interview.

Course topics offered by the DBE at BSc., MSc. and PhD levels in the fields of Biological Engineering, Biomedical Engineering, Biotechnology and Regenerative and Precision Medicine include, but are not limited to, areas of cell and tissue engineering, organ engineering, bioMEMS and biomaterials.

**Tenure track at IST-ULisboa:**

This open search is for prospective candidates interested in applying for upcoming openings of tenure-track positions with an initial 5-year appointment. After this period of 5 years, and upon a successful evaluation, temporary employment will be converted into a permanent position. During the probationary 5-year period the junior faculty member will undergo a Mentoring Program that promotes integration and adaptation to the IST culture. The objective of the program is to accelerate the development of an academic career with international impact, exhibiting scientific and academic leadership. The Program also supports junior faculty members through a start-up package, an incentive to partial sabbatical leaves abroad during the tenure track period, as well as access to an internal ERC Acceleration Program.

**Salary and benefits:**

IST-ULisboa is a public institution that offers competitive salaries and benefits in accordance with national laws and regulations. These include the possibility to subscribe to the healthcare plan for civil/public servants, benefiting from a wide choice of private and public national health services at reduced prices, the use of maternity license and paternity leave in case of childbirth, and other social benefits. IST faculty members may receive a supplement to their salary in retribution for participating in R&D projects.

**Contact instructions:**

Prospective candidates should submit the following documents to the Head of DBE, using the email address: [joao.conde@tecnico.ulisboa.pt](mailto:joao.conde@tecnico.ulisboa.pt)

1. Detailed CV, including a list of publications
2. One-page motivation letter
3. The names and contacts of three references, who may be asked for letters of recommendation
4. A research and teaching statement

**Deadline:**

Full consideration will be given to the materials received by **October 1, 2025**.

**Starting date:**

The upcoming opening should have a starting period around the Fall of 2026.

**About IST (ULisboa)**

IST is the top Engineering, Science and Technology school in Portugal and one of the top ranked in Europe. IST provides an inspiring world-class learning environment, while performing leading research with global impact. The outstanding achievements of IST, its unique institution profile, and

its privileged location in Lisbon, coupled with the high quality of its students, alumni, faculty and staff, make it truly a school for the world.