

## **Department of Medicine and Health Sciences “Vincenzo Tiberio”.**

### **Position:**

Public competition for the recruitment of 1 (one) associate professor pursuant art. 18, paragraphs 4, of Italian Law 240/2010 in the sector 09/G2 - Bioengineering, Academic discipline ING-IND/34 - Industrial Bioengineering.

### **Requested teaching duties:**

The candidate shall carry out teaching activities within the areas of interest (Disciplinary Scientific Sector ING-IND / 34 - Industrial Bioengineering) in the context of undergraduate or graduate courses activated at the University of Molise. Specifically, the professor will carry out teaching courses in the field of biomaterials and active interfaces between materials and biological entities. She/he will also be engaged in tutoring activities and assistance to students for their Master's theses with reference to the disciplines of the sector ING-IND/34.

### **Requested research duties:**

The candidate shall execute and coordinate research activities within the areas of Departmental Research also included in PhD programs with reference to the themes and methodologies of the sector ING-IND / 34 - Industrial Bioengineering; specifically, in the field of research on biomaterials and their articulated and several applications in the biomedical field.

### **National and international scientific duties:**

The ideal candidate should have long-term scientific experience and proven ability of multidisciplinary approach to assess issues concerning the design and characterization of hybrid synthetic-biological interfaces. Deep knowledge of emerging scientific issues of mechanical biology and mechanical medicine. Academic and scientific experiences in important national or supranational research institutions with active participation in national and / or international research projects. The candidate should also have experience in the organization of multidisciplinary research groups on border issues in the field of materials in medicine.

**Maximum number of admitted papers:** 12 (twelve).

**Language skills:** English.

**Operative place:** Department of Medicine and Health Sciences “Vincenzo Tiberio”- Campobasso.