

Model 1 – PROFILE (Cod.Ud'A 2026-030)

a selective procedure for the recruitment of **n. 1 fixed-term full Researcher employment in Tenure Track (RTT)** is hereby announced in accordance to art. 24 of the Italian Law 240/2010 as modified by art. 14 comma 6-*decies* converted with modifications of the L. 79/2022 of the L.D. N. 36/2022, GSD: 09/IBIO-01 - BIOENGINEERING (ex SC: 09/G2) - S.S.D.: IBIO-01/A - Bioengineering (ex : ING-INF/06) activated for the needs of study and research of the Department of Neuroscienze, Imaging e Scienze Cliniche - reserved for Type A Researchers whose three-year contract, expires in 2025.

- **date of the resolution of the Department** which identified GSD and S.S.D (scientific discipline group and sector) for fixed-term researcher in Tenure Track (RTT) under art. 24 of Law n. 240/2010: cdd (resolution of Department) of 28/04/2026 Prot.n.37507 of 14/05/2026 ;
- **Date of the resolution of the Department** which identified the profile according to art. 3 paragraph 2 of the University Regulation for the recruitment of fixed-term Researchers in Tenure Track (RTT): cdd (resolution of Department) of 28/04/2026 Prot.n.37507 of 14/05/2026 ;
- **Date of the resolution of the Department** which identified weights of elements subject to evaluation: . Qualifications and Curriculum: 30; Overall scientific elaboration: 10; Submitted scientific publications: 60; cdd (resolution of Department) of 28/04/2026 prot. n.37507 of 14/05/2026;
- **Minimum eligibility score:** 60 (sixty);
- **Scientific discipline group:** G.S.D. 09/IBIO-01 (ex S.C.09/G2);
- **Profile:** S.S.D. : IBIO-01/A (ex S.S.D. ING-INF/06);
- **Specific functions required to the research assistant:**
 - **Teaching duties:** Courses related to the G.S.D., in the Bachelor's and Master's degree courses in Biomedical Engineering, Medical/Health professions and PhD courses.
 - **Scientific duties:** Research related to bioengineering approaches, also based on “machine learning”, for the study of brain activity and connectivity using EEG, EEG-TMS, MEG and fMRI data, with a particular focus on the identification of individual markers and the application to clinical populations;
 - **Third mission duties:** Public engagement on topics of interest for the Department;
 - **Commitment system:** Full time
- **Rights and obligations:** as laid down by the provisions in force for the legal status of fixed term research assistants, and by the current Code of Ethics of the University;
- **Duration:** 72 months non-renewable;
- **Salary:** Euro 48.236,37 with application of the 20% increase equivalent to the remuneration due to the permanent researchers confirmed class high of 20% increase / as required by current legislation on the matter, and in particular by the D.P.R. 12/15/2011, n. 232 and subsequent economic adjustments provided by law
- **Maximum number of publications:** 12(twelve);
- **Foreign language whose adequate knowledge will be assessed with reference to the multi-lingual profile of the University, namely the academic teaching needs in foreign language degree courses:** English;
- **Mean of assessment of knowledge of the foreign language, or knowledge of Italian for foreign candidates:** interview;
- **Funding:** Extraordinary Plan D.M. 193 of 05/03/2026 e and University co-financing
- **The specific research activity will focus on the following project:** “Development of techniques, also based on “machine learning” approaches, to assess brain activity and connectivity from EEG, EEG-TMS, MEG e fMRI data”.
- **The scientific production objectives:** Presentation of scientific results to national and international conferences, publication of at least 10 articles on peer-reviewed journals in the Q1-Q2 rank ;
- **Mean of assessment of scientific qualification:** by assessment of qualifications, curriculum, scientific production and an interview, under and for the purposes of Art. 24 of Law no. 240/2010