

A comparative assessment procedure by qualification and public discussion for the recruitment of one Researcher with fixed-term employment is hereby announced pursuant to art. 24 paragraph 3 letter a) of the Italian Law 240/2010 (JUNIOR), SSD BIO/14 - Pharmacology - SC 05/G1 - Pharmacology, clinical pharmacology and pharmacognosy activated for the needs of study and research of the Department of SCIENZE MEDICHE, ORALI E BIOTECNOLOGICHE;

- **resolution of the Department** which identified ssd and s.c. (competitive exam sector) for fixed-term full time researcher under art. 24, paragraph 3, letter . a) of Law no. 240/2010: C.d.D. (resolution of Department) of 26/09/2019 prot. 1408 of 10/01/2019;
- **resolution of the Department** which identified the profile according to art. 4, paragraph 4 of the University Regulations: C.d.D. (resolution of Department) of 24/04/2018 Prot. 31054 of 17/05/2018;
- **resolution of the Department** which identified weights of elements subject to evaluation: no specific resolutions were taken; please refer to the ranges identified in the procedure ;
- **Academic Recruitment Field: S.C. 05/G1 - Pharmacology, clinical pharmacology and pharmacognosy;**
- **profile: S.S.D. BIO/14 - Pharmacology;**
- **place of employment: Department of SCIENZE MEDICHE, ORALI E BIOTECNOLOGICHE;**
- **specific functions required to the research assistant:**
 - teaching commitment:** teaching in courses of the BIO / 14 disciplinary sector within the study courses of the Department of Medical, Oral and Biotechnological Sciences. Frontal teaching activities during the three-year and master's degree courses, in the conduct of laboratory activities, in the teaching activities chosen by the student, in tutoring and in the report of the degree theses and in the activities of orientation and scientific dissemination.;
 - scientific commitment:** research activity in the field of pharmacology applied to the study of the effects mediated by the receptors of the purinergic system (known and newly identified) through the use of natural agonists / antagonists and / or synthesis (even partial) including the evaluation that said compounds may be sensitive to the activity of extracellular enzymes. In addition to the receptor-mediated effects, experimental protocols will be developed to evaluate the efficacy-safety profile of the aforementioned compounds in the context of the so-called "translational medicine". This is mainly related to diseases of the nervous system.;
- **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:** 36 months contracts can be renewed for only two years if the necessary economics resources are available, as stated by C.d.A.
- **Salary:** the researcher will receive an annual gross salary of € 25.317,88 inclusive of the accrued year-end bonus amounts (tredicesima), equal to the remuneration payable to a full-time permanent researcher confirmed in class 0
- **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;
- **Means of assessment of knowledge of the foreign language, or knowledge of Italian for foreign candidates:** interview;
- **Funding:** own funds departmental budget as per resolution of C.d.A. above;
- **The specific research activity will focus on the following project:** "Role of extracellular purines and their converting enzymes in the modulation of cancer progression and neurodegenerative disease in the central nervous systems";
- **Scientific production objectives:** Publication of at least 6 scientific papers, within three years, on international peer-reviewed journals, presentation of obtained data at national and international conferences, contribution in research projects coherent with the examination sector;
- **Means 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.