

Department of Medicine and Health Sciences “Vincenzo Tiberio”

Profile Fixed term researcher BIO/16 letter b)

Fixed term Research Contract Type a): art. 24 of law 240/2010 for **Scientific Disciplinary Sector BIO/16 - Human Anatomy**, examination section 05/H1 Human Anatomy, Area 05 Biological Sciences.

Programme of educational activity, student tuition and research The candidate would be responsible for teaching in Human Anatomy at bachelor level (1st) and/or specialist degree Course in which the disciplinary sector is foreseen. Furthermore, the candidate would be responsible for teaching at the degree course in Medicine and Surgery and Ph.D Program. The candidate will perform the teaching and research activity within the Department of Medicine and Health Sciences and other Departments of University of Molise. The candidate should be able to supervise students for final exams and theses and provide tuition. Research activity will have to address mainly the aspects of modern normal human morphology. In more detail, the research activities will be directed to the analysis of morphological changes in different apparatuses resulting from the use of natural or synthetic external agents and the role of calcium in the mechanisms of proliferation and differentiation of endothelial precursors and progenitors in cardio-respiratory and cerebral systems. These lines of research will have to be evaluated in addition to translational aspects, innovative aspects and internationalization.

Objectives of Scientific production (Publications, Conferences and other types of production) and qualitative characteristics of Scientific production:

The candidate should aim to carry out research of high international profile, with publications on peer reviewed international journals that would contribute to assessment for VQR of the Department of Medicine and Health Sciences “Vincenzo Tiberio” of University of Molise.

Site of research activities: Department of Medicine and Health Sciences “Vincenzo Tiberio” of University of Molise.

Maximum number of publications that the candidate may present: 12 (Twelve).

Foreign language which is required with thorough knowledge: *Advanced* English.

Mode of assessment of research, periodical and end of contract to report results of research projects: annual report on educational and research activities, ongoing projects and on expected results in terms of publications on international journals.