

Department of Medicine and Health Sciences “Vincenzo Tiberio”

Contract for a fixed-term researcher type a) art. 24 of law 240/2010 for Scientific Disciplinary Sector ING-IND/10 – Thermal Engineering and Industrial Energy Systems – Sector Competition Thermal Science, Energy Technology, Building Physics and Nuclear Engineering – Area 09 Industrial and Information Engineering

Program of the didactic activities, of service to the students and of research

The candidate will be able to carry out the teaching activities of the scientific sector Thermal Engineering and Industrial Energy Systems and similar scientific sector issued in the first cycle degree Environment and Workplace Prevention techniques, in bachelor degree in Medicine Engineering at Department of Medicine and Health Sciences “Vincenzo Tiberio” and in the other Department of University of Molise. Moreover, the candidate will have to provide assistance to students in drawing up final exams and master theses within the aforementioned courses and will have to perform tutoring activities. The research activities should be concentrated on human comfort referred to indoor requirements; the candidate will also address the thermal and mass transfer in human tissues.

-Objectives of scientific production (publications, conferences, other type of products) and quantitative characteristics of scientific production

The candidate will be able to perform high international research, with publications in peer-reviewed international journal that will make a significant contribution to the Valuation Quality Evaluation (VQR) assessment of the Department of Medicine and Health Sciences “Vincenzo Tiberio” of the University of Molise.

Activities location: Department of Medicine and Health Science “Vincenzo Tiberio” of the University of Molise - Campobasso

- Maximum number of publication to be presented by the candidate: 12

- Foreign language required in-depth knowledge: English

Modalities by which the researcher, periodically and at the end of the contract, will be required to report the activities: Annual report of teaching and research activities of ongoing research projects and of the expected results in term of publication on peer-reviewed international journals