



Call for applications for the assignment of 1 research fellowship grant for carrying out Category B research activities, as per Article 22 of Italian Law No. 240/2010, for the Scientific Disciplinary Sector of ICAR/08 – Structural Mechanics, at the facilities of the CIR - Integrated Research Centre and of the Departmental Faculty of Engineering of Università Campus Bio-Medico di Roma.

Call Code: ASS-RIC/18_23

Departmental Faculty	Engineering
Research theme in English	Micromechanical modeling and numerical simulation of biodegradable bone implants.
Brief description of the research in English	The research program aims at developing a theoretical and computational micromechanical model magnesium-based bone implants with biodegradable properties. It is expected to develop peridynamics models reproducing the evolution of implant degradation and associated bone remodeling.
Scientific Supervisor	Prof. Alessio Gizzi
Scientific Disciplinary Sector	ICAR/08 – Structural Mechanics
Language knowledge and skills	English C2
Date of the interview	20th December 2023, at 12:00 pm Remote candidates on Microsoft Teams platform