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I. 1. BASIC INFORMATION

Title

POST DOCTORAL RESEARCHER.

Offer Description

In order to implement the research project PCE 102/2022 entitled "Top-down nanoporous oxide films and bioactive molecules obtained electrochemically to improve the properties of titan base implant biomaterials" funded by Ministry of Research and Innovation, UEFISCDI, the existence of a position for one PhD in this project is announced.

Researcher Profiles:

Type of Contract: Temporary, from **24.04.2023** to **31.10.2024**; maximum 84 hours per month.

III. REQUIREMENTS

Required Education Level

Higher studies, Engineering, PhD in Engineering and Materials Science

Skills/Qualifications

Laboratory experiments. Programming and acquisition of scientific data on laboratory equipments. Interpretation and processing of experimental data. Power point presentation and Writing scientific articles in Romanian and English.

Specific Requirements

Laboratory experiments. Programming and acquisition of scientific data on laboratory equipment. Biomaterials. Electrochemical methods applied for the modification of metal surfaces (oxidation, electrodeposition) and for the characterization of materials and biomaterials. Programming electrochemical workstations. acquisition of experimental data, processing and interpretation of experimental data. Optical microscopy. Contact angle - hydrophobicity of surfaces. Writing scientific articles in Romanian and English. Editing, maintenance and upgrading of the project web page.

Required Languages

Romanian.
English.

Required Research Experience

Minim 2 Years Experience. 1-5 Years from PhD Thesis.

IV. ADDITIONAL INFO

Website for additional job details

www.ugal.ro, www.cc-ites.ugal.ro, <http://www.bionanosurf.ugal.ro>

Benefits

1. Salaries will be established in accordance with the applicable law and the available funds.
2. Improving professional experience in research activity.
3. Participation and guidance of the doctoral research activity.

Eligibility criteria

1. Citizen of Romania, European Union or European Economic Area
2. Legal age for employment
3. Fit to perform work, based on medical certificate released by proper authority
4. Has not been convicted for offense against humanity, against the state or authority, service, or service-related offense, perverting the course of justice, forgery or corruption, or premeditated offense incompatible with work performance, except when rehabilitation has occurred, based on criminal record;
5. Meeting the conditions of studies and the specific conditions according to the requirements of the position proposed for competition.

Selection process

Written assessment and practical examination, interview

Additional comments

-The researcher will contribute to the development of an attractive, open, sustainable and high quality research in the science and engineering of biomaterials.