



Post-doctoral Fellowship in Implantable Nanodevices and Nanosensors in European Innovation Council –Funded Projects

EPOS-Iasis, R&D, a Cyprus-based research-oriented SME engaged with major local, European and global academic centers, invites qualified and highly motivated young researchers to express their interest for a research Fellowship in the context of the EIC Pathfinder projects on Brain Malignancies and Degenerative Disorders. The projects involve high caliber research activities in the molecular and sub-molecular evolution and progress of primary and metastatic brain tumors, their interfacing with external control and the processing of genetically engineered stem cells towards cell-based therapeutic and sensing systems in Advanced Therapy Medicinal Products and implantable nanodevices.

Requirements:

The candidate is expected to be a highly-motivated individual with proven capability to work in a demanding multidisciplinary environment and eager to be actively engaged in joint training activities. Minimal requirements include,

- A PhD degree or equivalent in, Material Science, Chemical Engineering/Bioengineering, Nanotechnology or related fields. Candidates with MSc and extensive research experience in the relevant fields can also be considered.
- Essential research work in projects on implantable biocompatible structures including experience in electrospinning, biomaterial characterization (compositional, mechanical, biological) synthetic or natural nanoparticles and related delivery systems. Experience with work in basic cell and tissue processing including three-dimensional cultures (3D) and extracellular vesicles will be favorably considered.
- Very good command on advanced optical imaging techniques, including spectrophotometry, confocal microscopy and in vivo imaging technologies.
- Excellent command on written and spoken English.

Salaries, living allowances and additional benefits: The compensation for this position is based on research experience, qualifications and specialized skillset, adjusted to the standard practices of the company. Out of this amount the employer's and employee's contributions pertaining to Social Security and the National Health Care System, as well as the income tax applicable to the researcher, will be deducted. The current deduction rates and personal tax brackets can be found in the following links:

Personal Income Tax: <http://www.ansoconsulting.com/cyprus-taxation/cyprus-personal-income-tax.html>

Contributions: http://www.hmiaccountants.com/social_security.php

Should any of these contributions and/or tax brackets be adjusted by the Cyprus Government, the researcher's salary will be adjusted accordingly.

Interested candidates should provide: (i) a motivation letter; (ii) a comprehensive *Curriculum Vitae*; (iii) copies of 3 representative publications and (iv) contact details of 3 referees.

Applications and any questions pertaining to this position should be submitted by email to: inf@epos-iasis.com, andreani@epos-iasis.com

Deadline: 28/02/ 2023.