



Università
Ca' Foscari
Venezia

Marie Curie Post-doc Positions at Ca' Foscari University of Venice

“Expression of Interest” for hosting Marie Skłodowska-Curie Fellows – Call 2021

1. Interested institution (legal person):

Ca' Foscari University of Venice

2. Department/Centre:

The Department of Molecular Sciences and Nanosystems (DSMN) aims to stimulate research development and scientific education and is characterized by its research in innovative fields.

The scientific research focuses on the most advanced research areas and include renewable energy sources, green chemistry, nanotechnologies and biotechnologies. The research themes aimed at transferability to local manufacturing bodies and businesses.

3. Position, scientific requirements, topic, scientific panel:

Position:

Post-doc Position

Scientific requirements:

PhD in Biology, Chemistry or Nanotechnology/Nanomedicine

The fellow should have leadership abilities and international experience in research.

The general topics to be covered include: Solid cancers, 3D cultures, molecular pathways, signaling, genomics, oncogene, drug design, small molecules, biocompatible drug delivery systems.

Topic(s):

We are interested in Marie Skłodowska-Curie research proposals covering the following topics:

Development of Bio and nanomaterials in oncology. In collaboration with the National Cancer Center of Aviano and the University of Pisa (Prof. Tiziano Tuccinardi and Carlotta Granchi), the research group is developing new nanopharmaceuticals based on biocompatible materials (e.g. DNA, liposomes, exosomes).

Development of innovative therapies in Oncology. In collaboration with the National Cancer Center of Aviano (Prof. Vincenzo Canzonieri), new biomolecular and cellular approaches are being developed for the creation of biobanks derived from healthy tissues and tumors from cancer patients. The goal is the development of novel targeted therapies in ovarian and colon cancers.

Scientific Panel:

- | | |
|---|--|
| <input type="checkbox"/> Chemistry (CHE) | <input type="checkbox"/> Environment/Climate changes (ENV) |
| <input type="checkbox"/> Social Sciences and Humanities (SOC) | <input checked="" type="checkbox"/> Life Sciences (LIF) |
| <input type="checkbox"/> Economic Sciences (ECO) | <input type="checkbox"/> Mathematics (MAT) |
| <input type="checkbox"/> Information Science (ENG) | <input type="checkbox"/> Physics (PHY) |

For further details, see the list of descriptors: http://ec.europa.eu/research/participants/data/ref/h2020/other/guides_for_applicants/h2020-guide-appl-msca-if_en.pdf

4. Contact person:

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