

2017 March 24th

## CALL FOR APPLICATIONS

It has been demonstrated that Cancer Stem Cells (CSCs), a rare population of tumor cells that are able to proliferate and differentiate into mature cancer cells, are involved in tumor progression, relapse and resistance to therapy. It has been suggested that therapeutic approaches specifically addressed to CSC eradication may provide increased survival or even complete remission when traditional approaches actually fail.

On this topic, a research project on translational approaches for tumor eradication through personalized radiotherapy has been set up by a partnership of companies of the Samed Group ([www.grupposamed.com](http://www.grupposamed.com)) that are leaders in translational cancer research and treatment. The project is funded by the Italian Ministry for Economic Development and as part of this initiative two positions (a senior scientist and a junior scientist position) are being established. The recruiter wishes to fill these positions with exceptional researchers from the fields of biology, medicine or biotechnology.

The selected candidates will work on laboratories located in the Oncology Campus of the group in a stimulating collaborative setting within a cutting-edge research environment.

Available Positions:

### Senior Researcher

We offer:

- an outstanding multidisciplinary research environment in one of the most prestigious group in the field of cancer research in Sicily with the opportunity to interact, among others, with researchers, oncologists, radiotherapists, physics and technologists
- an excellent network of internationally recognized scientists in facilities with state-of-the-art technologies
- an individual skill development program, including methods courses and workshops
- intensive support and guidance for international applicants in all administrative matters

We are looking for:

- highly qualified and motivated scientists with expertise in cell biology (culture, functional in vitro models, cytometry) and in vivo research (cell xenotransplantation in rodent models).

- candidates should be able to independently plan and execute experiments, analyze data and efficiently and concisely report results to supervisors.
- candidates should be able to lead and coordinate the activities of junior researchers and students, efficiently train people transferring protocols, methods and skills on technologies and equipment.
- candidates should be able to communicate effectively in English and should enjoy working in an interdisciplinary context
- Knowledge of cell sorting technologies are strongly welcomed

### Junior Researcher

We offer:

- an outstanding multidisciplinary research environment in one of the most prestigious group in the field of cancer research in Sicily with the opportunity to interact, among others, with researchers, oncologists, radiotherapists, physics and technologists
- an excellent network of internationally recognized scientists in facilities with state-of-the-art technologies
- an individual skill development program, including methods courses and workshops
- intensive support and guidance for international applicants in all administrative matters

We are looking for:

- young and highly motivated scientists with expertise in cell biology and molecular biology.
- candidates should be able to independently execute experiments, support the data analysis process and efficiently and concisely report results to supervisors.
- candidates should be able to quickly and efficiently learn new methods, protocols and procedures.
- candidates should be able to communicate effectively in English and should enjoy working in an interdisciplinary context
- familiarity with animal modeling (rodent) is welcome

Position details:

- Place of work: IOM Ricerca; Via Penninazzo 11, Viagrande (CT) Italy;
- Duration of the contract: 18 months (may be extended)
- Type of contract: fixed term Italian national contract
- Pay: variable according to candidate profile
- Title of the project: "Sviluppo di trattamenti innovativi di radioterapia personalizzata, basati sulla sensibilità individuale delle cellule staminali tumorali"

- Grant reference: Fondo per la Crescita Sostenibile - Progetti di ricerca e sviluppo negli ambiti tecnologici identificati dal Programma Quadro comunitario Horizon 2020;
- Project code: CUP B68C15000180008
- Supervisor: dr. Stefano Forte

How to apply:

Please send your complete application before 21<sup>th</sup> May 2017 by email to [iomricerca@grupposamed.com](mailto:iomricerca@grupposamed.com).

Please include in the subject line the position (senior or junior) you are applying to. One candidate can apply for only one position.

After CV evaluation, candidates with suitable profiles will be contacted by email to arrange interviews.

The application letter should include:

- a cover letter, stating your research motivation and interests; including relevant background
- a curriculum vitae, dated and signed, containing the description of any professional or research experience (including publications)
- a list of the titles/certificates presented, duly dated and signed;
- a list of the publications presented, duly dated and signed;
- a copy of a valid document of identity or, for Non-EU citizens, a copy of applicant's passport.
- professional recommendation letters from previous supervisors or employers are welcome

**Sede legale ed operativa**

Via Penninazzo, 11  
95029 Viagrande (Ct)



**Centralino passante**

Tel. 095-7924711  
Fax 095-7924700

**e-mail**

[iomricerca@grupposamed.com](mailto:iomricerca@grupposamed.com)  
[www.grupposamed.com](http://www.grupposamed.com)

**IOM RICERCA S.r.l.**

**Partita IVA**  
04118510876  
**Capitale sociale**  
€ 2.400.000,00  
**N. R.E.A. CT 275006**