

The Cancer Molecular Biology group led by Prof. Silvia Giordano at the Institute for Cancer Research and Treatment (IRCCS, Candiolo – Torino), Dept of Oncology (University of Torino) invites applications for the positions of

(1) POSTDOCTORAL RESEARCHER/RESEARCH FELLOW (biomedical scientists)

We are looking for a highly motivated biomedical scientist with a strong background in molecular/cell biology and cancer biology. At the postdoctoral level a successful candidate should have a PhD degree in an appropriate biological field and a track record of peer-reviewed publications. At the fellow level, previous experience in biomedical research is considered an advantage.

Candidates should be able to demonstrate abstract thinking as well as potential to develop and pursue scientific projects in the field of precision medicine. Good communication skills in English and organizational abilities are expected. The position is available as soon as the selected candidate is available. Salary will be commensurate to experience.

(2) POSTDOCTORAL RESEARCHER/RESEARCH FELLOW (computational biology)

We are looking for a highly motivated biomedical scientist with a strong background in computational biology, bioinformatics, and a basic knowledge of molecular and cell biology. At the postdoctoral level a successful candidate should have a PhD degree in an appropriate field and a track record of peer-reviewed publications. At the fellow level, previous experience in computational biology is considered an advantage. The position is available as soon as the selected candidate is available. Salary will be commensurate to experience.

Focus of the Lab

The goal of delivering the right drug to the right cancer patient (precision medicine) requires a detailed understanding of how genomic alterations are linked to drug response. Our group aims to discover cancer vulnerabilities and to develop new therapeutic approaches for gastric cancer that is the third leading cause of cancer mortality worldwide. We have generated a platform of more than 200 patient-derived xenografts (PDXs) that recapitulate the heterogeneity of this disease. By exploiting the generated gastric cancer PDX platform, we aim to unravel genetic vulnerabilities in this pathology and to identify the best therapeutic strategies to target them. Since gastric cancer is a very common disease worldwide, the identification of novel 'druggable' and validated targets would be extremely important from a clinical point of view, even if their prevalence is very low. As a whole, the results of our project will provide a scientific basis for future clinical applications and guide the rational design of molecularly-oriented clinical trials for gastric cancer.

The Cancer Molecular Biology group comprises biomedical scientists with different backgrounds and expertise. We have important national and international collaborations. IRCCS provides a multidisciplinary research environment for basic and translational research with state-of-the-art facilities, cutting-edge technologies and synergistic expertise of several research groups.

PLEASE, ONLY if you fulfill the requested skills, send your CV to

silvia@giordano@ircc.it