Postdoctoral position on Cancer and Cell Biology in Nice, France

Missions
The postdoctoral researcher will be part of the team "Circulating tumor cells and tumor progression" led by Pr Hofman at the Research Institute against Cancer and Aging in Nice (IRCAN). He / she will develop a project to study the role of ribonucleoproteins in resistance to chemotherapy in small cell lung cancer (SCLC). The details of the project will be directly discussed with the applicants. He / she will work under the direction of INSERM researcher Patrick Brest (43 publications, H-Index 23, including Nature Genetics, Nucleic Acid Research, Cancer Research, Autophagy,…), in collaboration with other team members as part of a project supported by the National Cancer Institute (INCA) in association with the team of Dr Hubstenberger (Valrose Biology Institute).

Activities
The postdoctoral fellow will be in charge of developing his project. He / she will manage the design, plan, execute and interpret various experiences. He / she must master the associated literature. He / she must be able to communicate his results to the team, the institute, and to collaborators. He / she must be able to work independently as well as with other team members and collaborators depending on the progress of the project.

Skills
We are looking for a highly motivated and dynamic scientist. The candidate must hold a doctorate in the field of molecular and cellular biology with a good knowledge of cancer or ribonucleoproteins. Experience in cell culture, manipulation of gene expression as well as classical techniques of cell and molecular biology and in particular some knowledge of the use of CRISPR tools are required. The candidate must be the first author of at least one publication related to the subject or skills required for the project. Applicants must have a positive attitude as a team member and must be able to communicate (oral and written skills) in English. The application of foreign researchers will be examined favorably.
Work Context

Our team is multidisciplinary with 3 PU-PH, 2 MCU, 2 PH, 4 CNRS or INSERM researchers, 1 postdoc, 5 thesis students, 4 masters, 3 Engineers and technicians to make a direct link between biology and the clinic. Our laboratory is part of IRCAN INSERM U1081 / CNRS 7284 hosted by the Antoine Lacassagne Center for Cancer Research located in Nice, France.

Aging is usually perceived as a process that results from the combined influence of constitutional or so-called « genetic » factors, life-style associated factors and external events. Understanding these multiple interconnections requires synergy between many areas of molecular, cellular or biomedical experimental biology or biology, more dedicated to the study of aging and age-related diseases such as cancer. To this goal, the Institute for Research on Cancer and Aging Nice (IRCAN UMR7284, U1081) was created on January 1st, 2012, by the University of Cote d'Azur (UCA), the National Institute for Health and Medical Research (Inserm), and the National Center for Scientific Research (CNRS). The IRCAN was established to develop a strong research center focusing on cancer and aging, in the Medical School of Nice and in partnership with the cancer “Center Antoine Lacassagne” (CAL) and the Nice University Hospital (CHUN).

The research carried out at the IRCAN involves major areas of biology, from basic research to medical applications, with the objectives of improving our understanding of the common foundation between aging and cancer, and developing innovative strategies to prevent and cure cancer and chronic age-related pathologies.

Our laboratory is made up of about fifteen people and we work in a dynamic and international environment. The candidate will also benefit from the scientific environment (14 teams and around 200 people dedicated to research on cancer and aging) and the technical platforms made available by IRCAN.

General information

Contract Period: 36 months (12-month contract renewable twice)
Expected date of employment: 1 October 2020
Proportion of work: Full time
Remuneration: - gross monthly salary from 2643 € to 3941 € depending on previous experience
Desired level of education: Higher than 5-year university degree
Experience required: at least one accepted paper.
Contact: Patrick.BREST@univ-cotedazur.fr
Applications: CV + 1 motivation letter + 2 reference letters