



cima

CENTRO DE INVESTIGACIÓN MÉDICA APLICADA
UNIVERSIDAD DE NAVARRA

ÁREA DE ONCOLOGÍA

A Postdoctoral or tenure track researcher position in cancer therapy and diagnostics is available at the Laboratory of Biomarkers and New Therapeutic Targets in Lung Cancer of the **Center of Applied Medical Research (CIMA), University of Navarra**, led by Drs Luis M. Montuenga and Ruben Pio.

The ultimate goal of our group at CIMA is to improve our understanding of lung cancer and to identify novel strategies that can be exploited diagnostically, prognostically or therapeutically. Our laboratory is interested in how genetic and phenotypic alterations in lung cancer cells contribute to tumorigenesis, alter treatment response, or create vulnerabilities that may be targeted therapeutically. We are also interested in leveraging this data for development of biomarkers for early diagnosis, prognosis or prediction of treatment response, including immunotherapeutic agents.

Specific aims of our group are to understand how genetic alterations in lung cancer cells may drive carcinogenesis at the early stages; how these driver alterations may be targeted by small molecules; and how they may affect mechanisms of immune escape and response to immunotherapies. Our research involves both molecular pathological analysis of human tumor samples and the establishment of in vitro and in vivo systems for the study of lung cancer, as well as the identification of drug targets for disease management. We utilize cell and mouse models of lung cancer, molecular and imaging technologies as well as genetic and epigenetic profiling approaches. We have a large collection of very well clinically characterized human normal and tumor samples as part of the lung cancer multidisciplinary area of the Clínica Universidad de Navarra.

For this position, we are particularly interested in candidates able to design and develop collaborative projects in basic and translational cancer research. The projects will be aimed to solve unmet medical needs in lung cancer. We are very interested in scientists with experience in molecular pathology and imaging in cancer, but will gladly consider other varied types of expertise.

We are accepting applications from talented and enthusiastic candidates who are interested in a dynamic, well-supported lab at a top research Spanish institution. The successful candidate **must have a Ph.D. in molecular biology, cell biology, immunology or a related topic**. At least 2 years of postdoctoral research experience in oncology-related areas is required, unless an exceptionally high quality PhD period in oncology is accredited. First or relevant authorship publications in high-impact factor journals and experience in grant application writing is also important for the selection process.

Ideally, the candidate must have supervised students and had been PI or Co-PI at least in one starting grant. The following technical experiences are highly valued: general molecular and cellular biology techniques, management of mouse colonies, flow cytometry, computational skills, immunology, and drug efficacy studies. Skills in molecular pathology, diagnostics or basic histopathology, bio-banking, biomarkers or imaging will be considered even more favorably.



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The candidate is expected to work actively and with independence in a collaborative environment, and to have strong communication skills in Spanish and/or English.

Category level and salary offered will be determined after evaluation of scientific merits of the candidate. CIMA has a postdoctoral career development system based on 2 “tenure track” (colaborador de investigación), 5 “researcher” and 2 “senior researcher” levels.

Applicants interested in applying for this position should submit

- **An electronic copy of their CV,**
- **The names and contact information of two referents, and**
- **A cover letter describing past research experience, research interests, and career goals. This cover letter should include also a summary presentation of the candidate's expertise that he/she would bring to the institution (maximum extension 3 pages)**

to:

Luis M. Montuenga, Ph.D. Senior Investigator and Professor of Cell Biology
lmontuenga@unav.es

Please also CC to the two following persons:

Dr. Ruben Pio rpio@unav.es and Marisol Ripa msripa@unav.es

The deadline to submit applications is **September 20th 2019**.

More information:

<https://cima.unav.edu/en/investigacion/programas-verticales/biomarcadores-y-nuevas-dianas-terapeuticas-en-cancer-de-pulmon>