

## PhD position available

# WOULD YOU LIKE TO FIGHT AGAINST MELANOMA?

We are looking for a talented and highly motivated PhD students to work on **extracellular vesicle (EV) mediated cell-cell communication and biomarker discovery** in the context of melanoma. EVs are vesicles secreted by cells in order to communicate with surrounding and distant organs. Our group has identified differentiating exoproteome components able to discriminate among melanocytes (normal cells) and malignant melanoma cells. We would like now to deepen on the physiological role of selected EV-proteins. In addition, we are working with human samples in order to analyze the potential of serum-derived EVs to predict the evolution of melanoma patients.

The research group, led by María Dolores Boyano is based on the Medicine and Nursing Faculty of the UPV/EHU (Bilbao). The group is composed by basic researchers and clinicians and strongly collaborate with other research groups to achieve multidisciplinary.

Research project is funded by the Basque Government (PIBA 2018-73 and ELKARTEK Programme KK2018-00090). Selected candidate will have to apply to PhD Grants.

### Requirements

- Master degree in life sciences with a background in cellular biology, genetics, biochemistry or molecular biology.
- Graduation marks  $\geq 7.5$  will be specially considered.

### Applicants should provide:

- Complete CV
- Letter of motivation

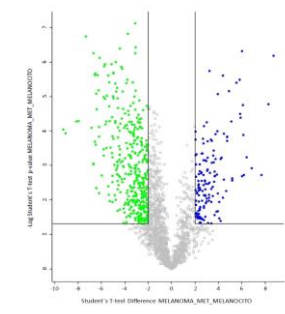
If you are interested, submit all the information in a single pdf file to the following email address:

[aintzane.apraiz@ehu.eus](mailto:aintzane.apraiz@ehu.eus)

or

[aintzane.asumendi@ehu.eus](mailto:aintzane.asumendi@ehu.eus)

Submission: open. Estimated end: 1<sup>st</sup> of May, 2019

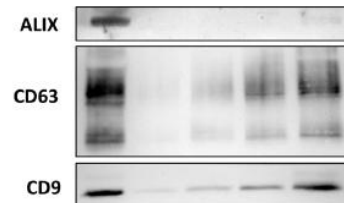


**Physiological role of differentially enriched exoproteome components**

### Patient-sera derived biomarker discovery



#### Isolation conditions



#### LC-MS/MS

