

Postdoctoral position available starting in August 2015 at the **Lujambio Laboratory**, Department of Oncological Sciences at the **Icahn School of Medicine at Mount Sinai, New York**.

Amaia Lujambio's research group studies mechanisms of liver cancer initiation and liver cancer maintenance. In particular, we are interested in how genetic alterations in cancer cells contribute to tumorigenesis, alter treatment response, and create vulnerabilities that may be targeted therapeutically. Furthermore, we are also interested in understanding the role of cellular senescence in liver cancer initiation and aging. Our research interests involve the establishment of *in vitro* and *in vivo* systems for the study of liver cancer, as well as the rational use of shRNA libraries to identify drug targets for the disease. We utilize sophisticated mouse models of cancer, RNAi technology, valuable human cancer samples, and genetic and epigenetic profiling as key tools. The ultimate goal is to improve our understanding of aging and liver cancer, and to identify novel strategies that can be exploited therapeutically to improve healthspan and longevity.

We are accepting applications from talented and enthusiastic candidates who are interested in a dynamic, well-supported lab at a top research institution. The successful candidate must have, or be expecting, a Ph.D. in molecular biology, cell biology, epigenetics or a related topic. Computational skills and mouse experience are a plus. The candidate will be expected to work well in a collaborative environment, and to have strong communication skills.

Interested applicants should submit an electronic copy of their CV, the names and contact information of three referents, and a cover letter describing past research experience, research interests and career goals to:

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More information:

<http://labs.icaohn.mssm.edu/lujambiolab/>

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