



Joan Seoane
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Post-doctoral Position

The group of Joan Seoane within the Vall d'Hebron Institute of Oncology, Barcelona, is looking for a post-doctoral research fellow.

Our main field of interest is the study of the molecular mechanisms involved in the genesis and progression of brain tumours.

The understanding of the molecular mechanisms underlying brain cancer is essential for the development of successful and rational therapeutic strategies. Our approach is based on a tight collaboration with clinical researchers at the Vall d'Hebron Hospital and the study of patient-derived tumours. We analyse human biopsies, generate primary cultures of human tumour cells, isolate the stem-cell-like population of patient-derived gliomas and generate mouse models for glioma based on the orthotopic inoculation of human glioma stem cells in the mouse brain to generate tumours with the same characteristics as the original human tumour. Moreover, we participate in ongoing clinical trials obtaining critical information about the biology of human tumours. We expect that our results will help understand the biology of brain cancer, and we aspire to translate our discoveries to a clinical ambit identifying molecular markers of diagnosis and prognosis, markers of response to therapies, and unveil new therapeutic targets against this deadly disease.

Postdoctoral candidates must have a strong background in molecular and cellular biology, at least on article as first author, and high motivation.

The application will be open until the position is filled.

Interested candidates, please send a letter of intention, CV, and two references to Joan Seoane (jseoane@vhio.net)