



Post-Doctoral Position

ECM-driven signaling in invasive head and neck squamous cell carcinoma (HNSCC)

A post-doctoral position is available to study signal the contribution of matrix/integrin-generated signals to the invasive phenotype of head and neck squamous cell carcinoma (HNSCC). In addition to being an adhesive substrate for the migration of invasive tumor cells, the ECM provides a permissive environment for protumoral signaling and resistance to treatment. Based on previous studies from our team, the project is focused on oncofetal variants of ECM components that are upregulated in HNSCC. Our approach is multidisciplinary, bringing together basic and clinical scientists with complementary expertise (cell biology, mouse tumor models, epigenetics, virology, radiotherapy and human tumor pathology) and state of the art techniques.

The candidate will contribute to the elucidation of in integrin-based signaling that underlies the bidirectional communication between tumor cells and the desmoplastic stroma of highly invasive and angiogenic head and neck tumors. Candidates should hold a PhD in cellular or molecular biology; experience in cell imaging is required. The successful candidate will possess excellent written and spoken English communication skills, strong self-motivation, flexibility and a team spirit.

iBV (<http://ibv.unice.fr>) the Institute of Biology Valrose is a leading Center for research in Cellular and Developmental Biology. The Institute is situated in on the Valrose campus of the University of Nice. We have an excellent imaging facility (IBiSA label) which offers state-of-the-art equipment and collaborative ties with clinical partners (A. Lacassagne Cancer Center and University Hospital "Institut Universitaire de la Face et du Cou"). Nice is a stunning city on the French Riviera with a significant international community.

Please send full CV including research interests and the name of 2-3 referees by email to:

Ellen Van Obberghen-Schilling (vanobber@unice.fr)

iBV (UMR CNRS7277-INSERM1091), Université de Nice-Sophia Antipolis, Parc Valrose, 06108 Nice, France