

Institute of Developmental Biology and Cancer CNRS UMR6543

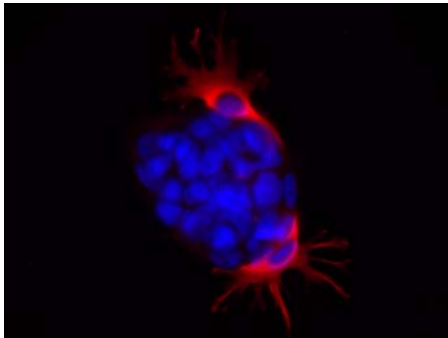
Post-Doctoral Position in Nice

Group

Adhesion Signaling and the Tumor Matrix Environment

Project

Targeting the Invasive Phenotype of Head and Neck Cancer



A position funded by the **French National Institute of Cancer** (INCa) is available to study signal transduction by adhesion receptors in Squamous Cell Carcinomas of the Head and Neck. Studies will focus on the contribution of matrix/integrin-generated signals to the invasive phenotype of tumor cells with the aim of gaining mechanistic insights into disease progression and advance the development of therapeutically relevant strategies.

Experiments will be performed on human tumor lines using *in vitro* models that recapitulate important features of the tumor matrix environment. Studies will rely heavily on cellular imaging techniques using fluorescently-labeled proteins, and biochemical analysis of protein expression and interactions. Ultimately, tumor progression of selected genetically-modified cell lines will be monitored in an orthotopic tumor model.

Expertise

Experience in cell imaging and molecular biology with interests in signal transduction are required.

Requirements

Candidate should have obtained his/her PhD less than 2 years ago.

Contact

Please send full CV including research interests and the name of 2 referees to :

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