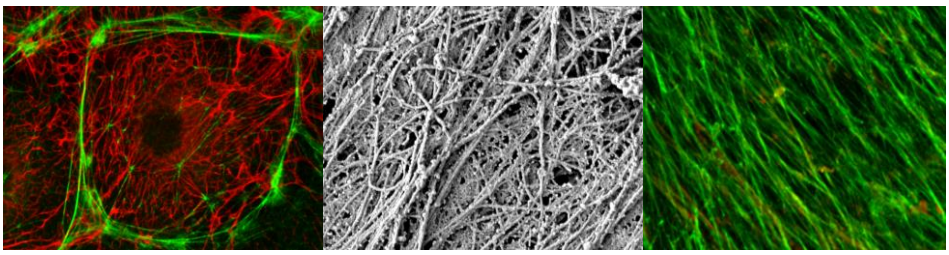

# Postdoctoral Research Positions

## INSERM U1109, Strasbourg - Institut of Biologie Valrose, Nice, France

## To study the role of pericellular matrix components in angiogenic-to-fibrotic transition

**Two postdoctoral positions** are available to study how pericellular matrix molecules regulate **pro-angiogenic** or **pro-fibrotic signaling** events that occur during angiogenic-to-fibrotic transition in fibroproliferative diseases. The successful candidates will contribute to our understanding of matrix assembly, cell adhesion, cytoskeletal regulation and signaling associated with changes in gene expression in endothelial cells and fibroblasts using unique biological toolsets and animal models.

This **bi-national Franco-Swiss collaborative project** funded by the French ANR-PRCI and Swiss SNF will allow the candidates to be trained in an international context and at the crossroad of disciplines (cell biology, molecular biology, mechanobiology, nanotechnology, imaging and image processing).

One position is available in the **MN3T** (The Microenvironmental Niche in Tumorigenesis and Targeted Therapy) team (http://www.u1109.inserm.fr/). This team is specialized in the analysis of the tumor microenvironment with particular emphasis on studying the role of the extracellular matrix molecule tenascin-C (*Midwood et al., 2016, J Cell Sci*) in pathological angiogenesis (*Saupe et al., 2013, Cell Reports, Rupp et al., 2016, Cell Reports*).
One position is available in the team headed by E. Van Obberghen-Schilling in the **Institute of Biology Valrose** (http://ibv.unice.fr), a leading Center for research in Cell and Developmental Biology situated on the Valrose campus of the University Nice Sophia Antipolis. This team has an expertise in fibronectin matrix assembly and matrix-driven signaling in disease tissue environments (*Cseh et al. 2010, J Cell Sci; Van Obberghen-Schilling et al 2011, Int J Dev Biol; Gopal et al. 2016, Nat Com*).

**Candidates** should have a PhD in cell/molecular biology and experience in cellular imaging (Nice team) or applying animal models (Strasbourg team). A background in angiogenesis or fibrosis will be an asset. Excellent written and spoken English communication skills as well as a strong self-motivation and willingness to collaborate are expected.

Please send **applications** (full CV including research interests and the name of 2-3 referees) and requests for further information by email to:
**Gertraud Orend** (gertraud.orend@inserm.fr) or **Ellen Van Obberghen-Schilling** (vanobber@unice.fr)
**Expected starting date**: February 2017