

Position for a post-doctoral fellow in retinal and choroidal angiogenesis

Stage de post-doctorat en angiogénèse choroïdienne et rétinienne

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Project: Our laboratory focuses on characterizing novel molecules that modulate the growth of blood vessels in the eye, with the hope of establishing new therapeutic strategies to treat neovascular ocular pathologies. Indeed, diseases associated with inappropriate neovascularization, such as age-related macular degeneration (AMD), account for the most common causes of vision loss in the industrial world. AMD is characterized by choroidal blood vessel growth that can ultimately lead to retinal damage. Our lab tackles these diseases by studying choroidal and retinal angiogenesis and the factors that regulate it. Moreover, we are interested in the cellular interactions and signaling that regulate vessel growth in both physiological and pathological contexts.

Qualifications: Interested candidates must have a PhD in biological sciences and have an excellent academic record, excellent organizational skills and a strong interest in research. Prior assets in cell culture, microscopy and In Vivo disease models are an asset.

Applicants should provide by email a CV, list of 3 references as well as a brief cover letter stating prior research experience and general scientific interests in a single PDF.