

Description:

Applications are invited for two graduate positions to study mechanism of tissue regenerative/modeling properties of mesenchymal stem cells (MSCs) and T cell development/function using molecular, cellular and biochemical techniques at the Center for Research Hopital Maisonneuve-Rosemont (CRHMR). Using rat model of open angle glaucoma, we previously showed that MSCs grown under specific conditions accelerates tissue repair and corrects glaucoma like conditions (Manuguerra-Gagnon R etal Stem Cell 2013). We wish to extend these studies and aim to identify critical molecules involved in mediating wound healing capacity of MSCs. Mouse models are employed to study T cell development/function with particular emphasis translating research into clinique for the treatment of immune disorders or developing cancer immunotherapy.

Qualification:

Applicants should have Bachelor/Master degree with a solid GPA and strong background in molecular and cellular biology and biochemistry. Good knowledge in immunology is desired.

How to apply:

Applicants should send CV describing academic/research achievements to davevibhuti@gmail.com