

## SCN 2016 Résultats de financement: Programme de recherche d'Impact

Investigators	Project Stream	Project Title	SCN Funds Allocated
<b>Liam Brunham - UBC (Principal Investigator)</b> CI: Glen Tibbits – SFU	Clinical Translation	Using human pluripotent stem cell-derived cardiomyocytes to investigate the mechanisms of ibrutinib-induced atrial fibrillation	<b>\$ 100,000</b>
<b>Timothy Caulfield – U of A (Principal Investigator)</b> CI: Amy Zarzeczny – U of R	Public Policy	Stem Cells and Misleading Marketing Claims	<b>\$ 50,000</b>
<b>Colin Crist – McGill (Principal Investigator)</b> CI: Jean-Philip Lumb – McGill	Clinical Translation	Activation of muscle stem cells by pharmacological inhibitors of eIF2a phosphorylation	<b>\$ 99,842</b>
<b>Lucie Germain – Laval U (Principal Investigator)</b> CI: Bartha Knoppers – McGill	Clinical Translation	Treatment of Patients with Corneal Limbal Stem Cell Deficiencies using Cultured Epithelial Corneal Autografts	<b>\$100,000</b>
<b>Kristin Hope – McMaster (Principal Investigator)</b>	Commercialization	Methods and Compositions for Expansion of Human Hematopoietic Stem and Progenitor Cells	<b>\$ 100,000</b>
<b>Judy Illes – UBC (Principal Investigator)</b>	Public Policy	Decision-Making in Translation: Urgency, Access, and Evaluation in Off-Label Stem Cell Interventions	<b>\$ 50,000</b>
<b>James D. Johnson – UBC (Principal Investigator)</b>	Clinical Translation	Imaged-based screening to enhance insulin production in human embryonic stem cells	<b>\$ 100,000</b>

<b>Timothy J. Kieffer – UBC (Principal Investigator)</b>	Clinical Translation	Biodistribution of Differentiated Stem Cells Following Subcutaneous Transplant	<b>\$ 100,000</b>
<b>Megan Levings – UBC (Principal Investigator)</b> CI: Lori West – U of A	Clinical Translation	Garbage To Gold: Expansion of Therapeutic Regulatory T Cells From Discarded Thymus	<b>\$ 100,000</b>
<b>Joanne Matsubara – UBC (Principal Investigator)</b> CI: Marinko Sarunic – SFU	Commercialization	Treating advanced retinal degeneration - rebuilding multiple co-dependent retinal layers with a single injection of stem-cell-derived-graft	<b>\$ 99,502</b>
<b>Kelly McNaghy – UBC (Principal Investigator)</b>	Clinical Translation	CAR-T cell therapy targeting tumor-specific modifications of Podocalyxin in triple negative breast cancer	<b>\$ 100,000</b>
<b>Ubaka Ogbogu – U of A (Principal Investigator)</b> CI: Amy Zarzeczny – U of R	Public Policy	Regulating the Future: Model Policies for Emerging Stem Cell Research Activities, including Research on Gene-Edited and Reconstituted Embryos	<b>\$ 50,000</b>
<b>Ian Rogers – Mount Sinai Hospital (Principal Investigator)</b>	Commercialization	Improving efficacy and economics of kidney disease therapies using iPS cells	<b>\$ 90,811</b>
<b>Mark Ungrin – U of C (Principal Investigator)</b>	Commercialization	Scalable production of engineered microtissues	<b>\$ 100,000</b>
<b>Sowmya Viswanathan (Principal Investigator)</b> CI: Paula Foster – UWO CI: Mohit Kapoor – U of T	Clinical Translation	Iron labeled-mesenchymal stromal cells for clinical tracking in a meded Phase 1 trial in Osteoarthritis patients	<b>\$ 100,000</b>

<b>Stephanie Willerth - U of V (Principal Investigator)</b>	Commercialization	3D bioprinting of neural tissue from human pluripotent stem cells	<b>\$100,000</b>
<b>Peter Zandstra - U of T (Principal Investigator)</b> CI: Guy Sauvageau - U de M CI: Julie Audet - U of T	Clinical Translation	Clinical Culture Optimization to Maximize Cord Blood Derived Hematopoietic Stem Cell Expansion	<b>\$ 100,000</b>

**\* Les titres des projets sont affichés selon la langue de soumission**