



# LARGE-SCALE PROJECTS OUTCOMES

	Number of persons employed in the 4 <sup>th</sup> Quarter 2011-2012	Number of scientists trained in the 4 <sup>th</sup> Quarter 2011-2012	Number of publications accepted or submitted	Number of conferences as speaker	Number of declaration of inventions or patents	Project starting date
<b>ABC COMPETITION</b>						
Thomas Bureau - McGill • VEGI (crop improvement)	14	5	1	2	0	October 2009
Adrian Tsang - Concordia • Genozymes (Bioproducts and Bioprocesses Development)	20,3	6	11	55	8	October 2009
Peter Facchini - UAlberta/Vincent Martin - Concordia • Phytometasyn (Synthetic Biosystems for the Production of High Value Plant Metabolites)	38	24	11	24	1	October 2009
Richard Gold - McGill • Valgen (Value Addition Through Genomics)	20	4	6	13	0	October 2009
<b>TOTAL</b>	<b>92,3</b>	<b>39</b>	<b>29</b>	<b>94</b>	<b>9</b>	
<b>2010 LARGE-SCALE APPLIED RESEARCH PROJECT COMPETITION (LSARP)</b>						
John MacKay - ULaval /Jörg Bohlman - UBC • SMarTForest (Sustainable Forestry)	27	16	15	20	0	July 2011
B. Franz Lang/Mohamed Hijri - UdeM • GenoRem (Decontaminating Soil)	35	15	1	10	0	July 2011
<b>TOTAL</b>	<b>62</b>	<b>31</b>	<b>16</b>	<b>30</b>	<b>0</b>	
<b>ENTREPRENEURSHIP EDUCATION IN GENOMICS (EEG) PROGRAM</b>						
Denis J. Garand - ULaval • BEST in Genomics! (Optimize the Transfer of Knowledge)	2	1	1	7	0	October 2011
<b>TOTAL</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>7</b>	<b>0</b>	
<b>GQ HEALTH COMPETITION</b>						
Gregor Andelfinger - CHU Ste-Justine • Congenital Heart Disease	3	3	0	1	0	October 2010
Guy A. Rouleau - CHUM • Bipolar Disorder	7	0	2	0	0	October 2010
Guy Sauvageau - IRIC • Acute Myeloid Leukemia	11	2,6	1	4	0	October 2010
John H. White - McGill • Tuberculosis	6	3	1	4	0	October 2010
Ken Dewar - McGill • Digestive problems	2,3	1,3	1	3	0	October 2010
Mark Basik - Lady Davis Institute • Breast Cancer	5	3,5	2	2	0	October 2010
Michael Hallet - McGill • Breast Cancer	4,21	0,5	2	2	1	October 2010
Alain Moreau - CHU Ste-Justine • Diagnostic Tool for Pediatric Scoliosis	10,4	4	1	8	0	October 2010
Michel G. Bergeron - ULaval • Rapid Diagnostic Tests	12	0,5	0	7	1	October 2010
Maryam Tabrizian - McGill • Portable Biosensors	5,3	5	6	5	0	October 2010
Paul Goodyer - CUSM • Cell therapy of cystinosis	5	1	1	3	0	October 2010
Pavel Hamet - CHUM • Type 2 Diabetes	8,18	3,7	5	16	0	October 2010
Gordon Shore/Michel L. Tremblay - McGill • Cancer Therapy	4	1	0	2	0	October 2010
<b>TOTAL</b>	<b>83,39</b>	<b>29,1</b>	<b>22</b>	<b>57</b>	<b>2</b>	
<b>GQ PILOT PROJECTS COMPETITION</b>						
Jamie Engert - CUSM • Heart Disease	3	0	0	0	0	October 2010
Julie St-Pierre - McGill • Breast Cancer	1	2	1	1	0	October 2010
Pierre Drapeau/Edor Kabashi - UdeM • New Therapeutic Approaches	3	1	0	4	0	October 2010
Roger C. Levesque - ULaval • Budwork EcoGenomics	3,4	1	2	5	0	October 2010
Sarah Kimmins - McGill • Infertility	3	2	1	3	0	October 2010
Zoha Kibar - CHU Ste-Justine • Neural Tube Defects	1	0	0	0	0	October 2010
<b>TOTAL</b>	<b>14,4</b>	<b>6</b>	<b>4</b>	<b>13</b>	<b>0</b>	
<b>QUÉBEC VERT COMPETITION</b>						
François Belzile - ULaval • GreenSNPs (Environmental Genomics)			Startup			January 2012
Connie Lovejoy - ULaval • CATG (Genomics for the Arctic Environment)			Startup			January 2012
Vincent Martin - Concordia • PAYGE (Reducing Fossil Fuels Dependency)			Startup			January 2012
<b>COMPETITION TOTAL (projects in progress)</b>	<b>254,09</b>	<b>106,1</b>	<b>72</b>	<b>201</b>	<b>11</b>	

# ASSESSMENT OF COMPLETED PROJECTS



	Number of persons employed in person-years	Number of scientists trained in person-years	Number of publications accepted or submitted	Number of conferences as speaker	Number of declaration of inventions or patents	Project duration
<b>COMPETITIONS I &amp; II, HEALTH</b>						
Michel G. Bergeron - CHUQ • Theranostic Technologies (Diagnostic Tests to identify microbes causing infections)	118	25	25	58	11	3.25 years
Deming Xu - Privé • Chemogenomics (New Therapeutic Treatments for Life-Threatening Fungal Infections)	32	2	8	4	1	3 years
Thomas J. Hudson - McGill • ARCTIC (Colorectal Cancer)	42	6	19	15	9	3.25 years
Franz Lang - UdeM • Protist EST (Evolution of Eukaryotic cells and Corresponding Genes)	49	21	20	18	0	3.5 years
Bussey/Michnick - McGill • Model Organisms (Genetic Interaction in Eukaryotic cells)	20	4	18	55	0	4 years
John J.M. Bergeron - McGill • Protéomique (Function and Structure of Genes and Proteins)	174	67	42	125	7	4 years
Fernand Labrie - ULaval • Atlas (Profiles of Steroid Action)	347	120	49	29	2	5 years
Bartha Maria Knoppers - McGill • GE <sup>2</sup> LS (Genomics and Society)	38	20	83	153	0	4 years
Fathey Sarhan - UQAM • Abiotic Stress Québec (Improve Agricultural Productivity)	82	28	11	17	0	4 years
Thomas J. Hudson - McGill • Regulatory Genetics (Identification of Regulatory Polymorphisms in the Human Genome)	117	27	16	51	6	4 years
Rafick-Pierre Sékaly - UdeM • S2K (Immune Response)	194	79	17	150	6	4 years
Mario Fillion - McGill • IGWH (Women's Health)	36	5	1	10	4	3 years
Sherif Abou Elela - USherbrooke • MoNa (Genome Wide Analysis of Gene Function)	51	8	6	9	2	3 years
Adrian Tsang - Concordia • Enzymes fongiques (Environmental Remediation)	167	69	16	22	8	3 years
Benoît Coulombe - UdeM • Regulatory Networks (Decoding Genetic Information)	189	63	15	111	0	3.5 years
John MacKay - ULaval • Arborea I (Health of Trees)	98	31	23	63	2	3.5 years
Thomas J. Hudson - McGill • HapMap (Genetic Research)	34	2	14	87	1	3 years
Emil Skamene - McGill • Congenic Mice (Dissect Complex Traits Relevant to Human Health)	60	13	2	11	3	4.25 years
Guy Rouleau - UdeM • Ionic Channels (Hereditary Neurological Disorder)	40	5	0	16	3	4.25 years
Terry Roemer - Private • Candida albicans (Antifungal Drug Discovery)	51	0	2	3	3	3 years
Barry Posner/Rob Sladek - McGill • Type 2 Diabetes	5	0	25	35	6	5.5 years
Bartha Maria Knoppers - McGill • GPH (Genomics and Public Health)	5	4	22	47	0	January 2006
<b>COMPETITION III, INTERNATIONAL CONSORTIUM INITIATIVE, PRIVAC, TECHNOLOGY DEVELOPMENT COMPETITION</b>						
Sherif Abou Elela - USherbrooke • FAESI (Alternative Splicing)	101,48	10,82	11	28	3	5.25 years
Ken Dewar - McGill • Vervet Monkey (Neuro-development and Neurological Degradation)	18,3	2	3	4	0	4.75 years
Tommi M. Pastinen - McGill • GRID (Gene Regulators)	213	51,5	84	42	2	4.5 years
Guy A. Rouleau - UdeM • S2D (Brain Diseases)	86,03	12	4	40	1	5 years
Jean-Claude Tardif - ICM • Pharmacogenomics (Cardiovascular Disease)	346	41	15	87	0	4 years
John MacKay - ULaval • Arborea II (Improve Productivity of Forests Products)	186	66,6	49	95	0	5 years
Bartha Maria Knoppers/Thomas J. Hudson - McGill • P <sup>2</sup> G/CaG (Populations Genomics)	33,5	24	35	54	0	3 years
Daniel Lamarre/Sylvain Meloche - IRIC • IRIC • RNA Platform (New Targeted Therapies for Cancer)	16,84	0	0	3	0	2 years
Rafick-Pierre Sékaly - UdeM • NIML Platform (Vaccines and Immune Therapeutics)	18	3	4	5	2	2 years
Michel G. Bergeron - CHUQ • GPOCT (Infectiology)	45	2	9	18	1	2.25 years
Michael Phillips/Jean-Claude Tardif - ICM • Via-PGX (Cardiovascular Pharmacogenomics)	17,5	3,6	4	44	0	2.5 years
Maryam Tabrizian - McGill • DevTab (Biomarkers Discovery and Validation)	35,3	15,21	34	13	0	2 years
Rafick-Pierre Sékaly/Ryan Brinkman - UdeM-BCCA • DevSek (Immune System)	6	1	2	4	0	2 years
<b>TOTAL COMPLETED PROJECTS</b>	<b>3 072</b>	<b>832</b>	<b>688</b>	<b>1 526</b>	<b>83</b>	