

LARGE-SCALE PROJECT OUTCOMES

MARCH 31, 2013

	Number of persons employed in the 4 th Quarter 2012-2013	Number of scientists trained in the 4 th Quarter 2012-2013	Number of publications accepted or submitted	Number of conferences as speaker	Number of declarations of inventions or patents	Project starting date
ABC COMPETITION						
Thomas Bureau - McGill • VEGI (crop improvement)	5	10	2	3	0	October 2009
Adrian Tsang - Concordia • Genozymes (Bioproducts and Bioprocesses Development)	20.3	6	9	8	8	October 2009
Peter Facchini - UAlberta/Vincent Martin - Concordia • Phytometasyn (Synthetic Biosystems for the Production of High Value Plant Metabolites)	32	23	23	30	2	October 2009
Richard Gold - McGill • Valgen (Value Addition Through Genomics)	33.05	3.5	6	6	0	October 2009
TOTAL	90.35	42.5	40	47	10	
RECRUITMENT COMPETITIONS						
DIRECTOR CARTaGENE						
Philip Awadalla - CHU Ste-Justine • CARTaGENE	4	4	17	28	0	January 2010
HUMAN HEALTH						
Mike Tyers - Udm • Biological networks in human health	19	12	19	13	1	April 2011
Mark Lathrop - McGill • Medical Genomics	8	4	0	5	0	April 2011
TOTAL	31	20	36	46	1	
2010 LARGE-SCALE APPLIED RESEARCH PROJECT COMPETITION						
John MacKay - ULaval/Jörg Bohman - UBC • SMarTForest (Sustainable Forestry)	26	16	21	43	0	July 2011
B. Franz Lang/Mohamed Hijri - Udm • GenoRem (Decontaminating Soils)	35	35	10	38	0	July 2011
TOTAL	61	51	31	81	0	
ENTREPRENEURSHIP EDUCATION IN GENOMICS (EEG) PROGRAM						
Denis J. Garand - ULaval • BEST in Genomics! (maximizing knowledge transfer)	6.2	1	1	12	0	October 2011
TOTAL	6.2	1	1	12	0	
GQ HEALTH COMPETITION						
Gregor Andelfinger - CHU Ste-Justine • Congenital Heart Disease	4.5	2.5	0	0	0	October 2010
Guy A. Rouleau - CHUM • Bipolar Disorder	7	0	2	0	0	October 2010
Guy Sauvageau - IRIC • Acute Myeloid Leukemia	13.26	3	2	3	1	October 2010
John H. White - McGill • Tuberculosis	5.5	3	4	7	0	October 2010
Ken Dewar - McGill • Digestive problems	1	0.4	1	5	0	October 2010
Mark Basik - Lady Davis Institute • Breast Cancer	8.5	4.5	2	1	0	October 2010
Michael Hallet - McGill • Breast Cancer	3.67	0.75	7	4	0	October 2010
Alain Moreau - CHU Ste-Justine • Diagnostic Tool for Pediatric Scoliosis	11.6	6	2	9	0	October 2010
Michel G. Bergeron - ULaval • Rapid Diagnostic Tests	12	0.5	0	7	1	October 2010
Maryam Tabrizian - McGill • Portable Biosensors	6.3	6	6	10	0	October 2010
Paul Goodyer - CUSM • Cell therapy of cystinosis	4	1	1	3	0	October 2010
Pavel Hamet - CHUM • Type 2 Diabetes	10.9	3.05	4	15	3	October 2010
Gordon Shore/Michel L. Tremblay - McGill • Cancer Therapy	6.4	1.5	0	2	0	October 2010
TOTAL	94.63	32.2	31	66	5	
GQ PILOT PROJECT COMPETITION						
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 - Udm • New Therapeutic Approaches	3	2	3	12	1	October 2010
Roger C. Levesque - ULaval • Budwork EcoGenomics	3.4	1	3	15	0	October 2010
Sarah Kimmins - McGill • Infertility	0.55	1.75	1	6	0	October 2010
Zoha Kibar - CHU Ste-Justine • Neural Tube Defects	0.75	1	0	0	0	October 2010
TOTAL	11.7	7.75	8	34	1	
QUÉBEC VERT COMPETITION						
François Belzile - ULaval • GreenSNPs (Environmental Genomics)	1	0	2	3	0	January 2012
Connie Lovejoy - ULaval • CATG (Genomics for the Arctic Environment)	3	2	2	3	0	January 2012
Vincent Martin - Concordia • PAYGE (Reducing Fossil Fuel Dependency)	1	0	0	0	0	January 2012
TOTAL	5	2	4	6	0	
2012 LARGE-SCALE APPLIED RESEARCH PROJECT COMPETITION • PERSONALIZED HEALTH						
Claude Perreault - HMR • Immunotherapy (Cancer)			Startup			April 2013
Patrick Cossette - CHUM • Epilepsy			Startup			April 2013
Guy Sauvageau - UdeMontréal • Leucegene GC (Acute myeloid leukemia)			Startup			April 2013
François Rousseau - ULaval • PEGASUS (Prenatal aneuploidy screening using maternal blood)			Startup			April 2013
Jacques Simard - ULaval • Breast cancer (Prevention and early detection)			Startup			April 2013
John Rioux - ICM • iGenomed (Inflammatory bowel diseases)			Startup			April 2013
Jean-Claude Tardif - ICM • Cardiovascular diseases (Targeted therapeutics)			Startup			April 2013
Nada Jabado - Research Institute of the MUHC • Pediatric brain cancer			Startup			April 2013
2012 BIOINFORMATICS AND COMPUTATIONAL BIOLOGY COMPETITION						
Jérôme Waldspühl - McGill • Science games in genomics			Startup			July 2013
Mathieu Blanchette - McGill • PIATEA			Startup			July 2013
COMPETITION TOTAL (projects in progress)	299.88	156.45	151	292	17	

ASSESSMENT OF COMPLETED PROJECTS

MARCH 31, 2013

	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 declarations of inventions or patents	Project duration
COMPETITIONS I & II, HEALTH						
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 - Udm • 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 • Proteomics (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'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 - Udm • 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 • Fungal Enzymes (Environmental Remediation)	167	69	16	22	8	3 years
Benoît Coulombe - Udm • 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 - Udm • 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
COMPETITION III, INTERNATIONAL CONSORTIUM INITIATIVE, PRIVAC, TECHNOLOGY DEVELOPMENT COMPETITION						
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
Tomi M. Pastinen - McGill • GRID (Gene Regulators)	213	51.5	84	42	2	4.5 years
Guy A. Rouleau - Udm • S2D (Brain Diseases)	86.03	12	14	41	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 Forest Products)	186	66.6	49	95	0	5 years
Bartha Maria Knoppers/Thomas J. Hudson - McGill • P'G/CaG (Population Genomics)	33.5	24	35	54	0	3 years
Daniel Lamarre/Sylvain Meloche - IRIC • RNA Platform (New Targeted Therapies for Cancer)	16.84	0	0	3	0	2 years
Rafick-Pierre Sékaly - Udm • 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 (Biomarker Discovery and Validation)	35.3	15.21	34	13	0	2 years
Rafick-Pierre Sékaly/Ryan Brinkman - Udm-BCCA • DevSek (Immune System)	6	1	2	4	0	2 years
TOTAL COMPLETED PROJECTS	3,072	832	698	1,527	83	

