

## JACQUES R. SIMARD, PhD, FRSC, FCAHS, C.Dir

### ADDRESS

Genomics Centre  
CHU de Québec - Université Laval Research Centre  
2705, Laurier Blvd, R-4720 - Québec (Québec) G1V 4G2  
Tel.: (418) 654-2264  
E-mail: [jacques.simard@crchudequebec.ulaval.ca](mailto:jacques.simard@crchudequebec.ulaval.ca)

### ACADEMIC POSITIONS

|                 |  |
|-----------------|--|
| 07/2018-        | Vice-Dean of Research and Graduate Studies   |
| 01/2001-        | Chairholder of the Canada Research Chair in Oncogenetics, Tier 1.  |
| 06/2001-        | Full Professor, Department of Anatomy and Physiology (2001-2009) / Departement of Molecular Medicine (2009-), Faculty of Medicine, Université Laval, Quebec. |
| 06/1997-05/2001 | Associate Professor, Department of Anatomy-Physiology, Faculty of Medicine, Université Laval, Quebec.  |
| 06/1990-06/1997 | Assistant Professor, Department of Anatomy-Physiology, Faculty of Medicine, Université Laval, Quebec.  |

### INTERNAL PROFESSIONAL PARTICIPATION

|                 |  |
|-----------------|--|
| 01/2014-        | Director, Next Generation Sequencing platform, Genomics Center, CHU de Québec-Université Laval Research Centre, Quebec.  |
| 04/1997-        | Director, Cancer Genomics Laboratory, CHUQ Research Centre (1997-2012), CHU de Québec Research Centre (2013-2015), CHU de Québec-Université Laval Research Centre (2015-), Quebec.                                   |
| 06/2012-07/2018 | Deputy Director, Basic Research, CHUQ Research Centre (May 2012-March 2013) / CHU de Québec Research Centre (March 2013-March 2015) / CHU de Québec-Université Laval Research Centre (March 2015-July 2018), Québec. |
| 06/2008-05/2012 | Director, Endocrinology and Genomics Axis, CHU de Québec Research Centre, Quebec.  |

### ACADEMIC TRAINING AND DEGREES

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|------|--|
| 2010 | C.Dir, Certification in Governance of corporations, <i>Collège des administrateurs de sociétés (CAS)</i> (Directors College) of the Université Laval, with a joint venture between The Conference Board of Canada and the Degroote School of Business at McMaster University. <u>Director</u> : Jacques Grisé. |
| 1990 | Post-doctoral Fellow, Laboratory of Molecular Endocrinology, CHUL Research Centre, Quebec. <u>Director</u> : Manjapra Variath Govindan.  |
| 1986 | PhD, Physiology (Molecular Endocrinology), Université Laval, Quebec.<br><u>Subject</u> : Modulation of growth hormone secretion and characterization of the effects of adrenal C-19 steroids and atrial natriuretic factor in the anterior pituitary.<br><u>Director</u> : Fernand Labrie.                     |

- 1983 MSc, Biology (Type B, Fundamental Genetics), Université Laval, Quebec.  
Subject : Utilization of unstable genetic mutations in the fungi *Ascobolus immersus* for the study of the molecular mechanism of genetic recombination.  
Director : Normand Paquette.
- 1981 BSc, Biology, Université Laval, Quebec.

### **DISTINCTIONS & AWARDS**

- 2021- Fellow, Royal Society of Canada – Academy of science
- 2006- Fellow, Canadian Academy of Health Sciences.
- 2000- Canada Who's Who.
- 05/2019 *Prix Grands diplômés 2019 de l'Université Laval*, recipient of the « *Gloire de l'Escolle* » medal
- 04/2018 Scientific, Medical and Research Excellence Award, conferred by the Quebec Breast Cancer Foundation.
- 01/2018 *Grand Lauréat 2017*, Le Soleil/Radio Canada
- 11/2017 *Lauréat de la Semaine*, Le Soleil/Radio Canada
- 11/2017 *Léo-Pariseau - sciences biologiques et sciences de la santé* awarded by l'Association francophone pour le savoir (ACFAS).
- 11/2012 « *Les Grands Prix Sirius 2011-2012 du CHU de Québec* », « Fundamental Research » award recipient.
- 11/2009 «Researcher of the month» awarded by Canadiens for Health Research, Science in the Service of Health.
- 2004 «*Prix d'Excellence 2004*», awarded by Foundation for Research into Children's Diseases.
- 2003 «*Mérites du CQLC 2003*», awarded to INHERIT BRCAs by « *le Conseil québécois de lutte contre le cancer du Ministère de la santé du gouvernement du Québec* ».
- 1999 Young Investigator Richard E. Weitzman Memorial Award conferred by The Endocrine Society for Young Researchers (less than 40 years old).
- 1997 "André Dupont Young Investigator Award", *Club de recherches cliniques du Québec*.
- 1991 "Antoni Nalecz Award" for the best presentation at the Annual Meeting of the Canadian Society of Endocrinology and Metabolism.
- 1989 "New Investigator Award" conferred by The Endocrine Society, Seattle, USA.
- 1985 Student Award conferred by the Canadian Society for Clinical Investigation, Vancouver.
- 1985 Student Prize awarded by Upjohn Company at the "Eastern Student Research Forum", Miami, Florida, USA.

**FUNDING**

Canada Foundation for Innovation (CFI): 2020-2025 – **19 978 909 \$**

***SecureData4Health***

Principal Investigators: Guillaume Bourque & Vincent Ferretti / Co-investigators: Brudno M, Gingras A-C, Goldenberg A, Haibe-Kains B, Hussin J, Jacques P-E, Knoppers BM, **Simard J**.

Cancer Research Society 2020 Operating Grant: 2020-2022 – **120 000 \$**

***The influence of occupational and genetic risk factors in breast cancer etiology***

Principal Investigator: Vikki Ho / Co-investigators: **Simard J**, Goldberg M, Labrèche F.

Génome Canada / Canadian Institutes of Health Research (CIHR) / Genome Québec / Quebec Breast Cancer Foundation / Ontario Research Fund and other partners – 2017 Large-Scale Applied Research Project (LSARP 2017) Competition: Genomics and Precision Health: 2018 – 2022 – **15 217 975 \$**

***Personalized Risk Assessment for Prevention and Early Detection of Breast Cancer: Integration and Implementation (PERSPECTIVE I&I)***

Principal Investigators: **Jacques Simard** (Lead) and Anna Chiarelli (co-lead) / Co-investigators: Andrulis I; Antoniou A; Brooks J; Chiquette J; Devilee P; Dorval M; Droit A; Easton D; Eisen A; Eloy L; Goldgar D; Joly Y; Kamel-Reid S; Knoppers BM; Masson J-Y; Mittmann N; Nabi H; Pashayan N; Schmutzler R; Stockley T; Tavtigian S; van Attikum H; Walker M; Wolfson M

Social Sciences and Humanities Research Council of Canada - Insight Grants: Societal Implications of Genomics Research: 2017-2020 – **255 000\$**

***Impacts of Evolving Demography and Socio-Economic Status on Assessment of Genetic Risks***

Principal Investigator: Michael Wolfson / Co-Investigators: Bélanger A, **Simard J**, McCabe C

Ministère de l'Économie, Science et Innovation - Programme de soutien à la recherche, PSR-SIIRI-949, volet 4 : soutien à des initiatives internationales de recherche et d'innovation : 2016-2019 – **1 499 900 \$**

***Prédisposition, Prédiction et Prévention du cancer du sein (PRÉ<sup>3</sup>VENTION)***

Principal Investigator: **Jacques Simard** / Foreign Co-Investigators: Devilee P, Easton D, Antoniou A, Goldgar D, Schmutzler R / Canadian Co-Investigators: Lakhal Chaieb L, Masson J-Y, Knoppers BM, Droit A, Loiselle C, Amara N, Chiquette J

(N.B.: Amount co-financed by the Québec Breast Cancer Foundation: \$280 000 – 2016-2017))

Fondation du CHU de Québec-Université Laval, Fondation du Cancer du Sein du Québec : 2016-2017 – **280 000 \$**

***Connaître et communiquer son histoire familiale pour mieux lutter contre le cancer du sein au Québec : Mise en place d'une campagne d'information***

Principal Investigator: **Jacques Simard** / Co-Investigators: Amara N, Loiselle C, Knoppers B-M

Genome Alberta, Genome Canada, Genome Quebec: 2016-2018 – **1 996 945 \$**

***GE<sup>3</sup>LS Network in Genomics and Personalized Health***

Principal Investigators: Christopher McCabe, François Rousseau / Co-Investigators: Wilson B, Wolfson M, Bubela T, Knoppers BM, Laberge A-M, Regier D, Lévesque E, Légaré F, Bartlett G, **Simard J**, Lachaine J, Kimmelman J, Bonter K, O'Doherty K, Votova K, Zawati M, Beauger N, Gold R, Veilleux S, Caulfield T, Ravitsky V, Ungar W, Joly Y

The Cancer Research Society (CRS) - 2015 Operating Grant: 2015-2017 – **120 000 \$**

***Inherited chromosomally-integrated human herpesvirus 6 as a risk factor for breast cancer development***

Principal Investigator: Louis Flamand / Co-Investigators: **Simard J**; Spinel J; Aronson K

European Commission - Research - Horizon 2020: 2015-2020 – **6 200 000 EU**

***Breast Cancer Risk after Diagnostic Gene Sequencing (BRIDGES)***

Principal Investigator (Coordinator): Peter Devilee / Co-Investigators: Easton D; Benitez J; Borg Å; Engel C; de la Hoya M; Stoppa-Lyonnet D; Schmutzler R; Hall P; Bojesen S; Vroling B; Blavier A; Southey M; Goldgar D; Spurdle A; Couch F; **Simard J**

European Commission - Research - Horizon 2020: 2015-2020 – **5 983 356 EU**

***Breast Cancer Stratification: understanding the determinants of risk and prognosis of molecular subtypes (B-CAST)***

Principal Investigator (Coordinator): Marjanka Schmidt / Co-Investigators: Easton D; Pharoah P; Carracedo Á; Chang-Claude J; García-Closas M; Hall P; Antoniou A; Burton H; Gut I; Lambrechts D; Chenevix-Trench G; **Simard J**; Kraft P

Canadian Institutes of Health Research (CIHR): 2015-2022 – **1 400 000 \$**

***Canada Research Chair in Oncogenetics (Tier 1) - Renewal 2***

Principal Investigator: **Jacques Simard**

Canadian Breast Cancer Foundation - Ontario Chapter, Fall 2013 CBCF-CIHR Breast Cancer in Young Women Competition: 2014-2016 – **194 500 \$**

***Discovering genetic susceptibility factors for breast cancer in an innovative international consortium***

Principal Investigator: Kristan J. Aronson / Co-Investigators: Spinelli JJ; **Simard J**; Grundy A; Brooks-Wilson A  
Collaborators: Easton D, Tessier D

Fonds de recherche Québec-Santé (FRQS) - Réseau thématique de recherche : 2014-2019 – **3 060 000 \$**

***Réseau de Médecine Génétique Appliquée (RMGA), Regroupement Stratégique 3 du RMGA, « Génomique intégrée »***

Network Director: Guy A. Rouleau / Co-Investigators: Puymirat J; Shoubridge E; Dupré N; Labuda D; Vézina H; Pastinen T; **Simard J**; Sinnott D; Rousseau F; Laberge A-L; Knoppers BM; Joly Y

Genome Canada/CIHR - 2012 Large-Scale Applied Research Project Competition Genomics and Personalized Health / Canadian Institutes of Health Research (CIHR) / Genome Québec / Quebec Breast Cancer Foundation / NIH and other partners: 2013-2017 – **11 761 269 \$**

***Personalised Risk Stratification for Prevention and Early Detection of Breast Cancer (PERSPECTIVE)***

Principal Investigator: **Jacques Simard (Lead)** / Principal Co-Investigator: Bartha-Maria Knoppers (co-lead)  
Co-Investigators: Andrulis I; Antoniou A; Bader G; Chiarelli A; Chiquette J; de Marcellis-Warin N; Dorval M; Droit A; Easton D; Evans G; Foulkes W; Goldgar D; Jbilou J; Joly Y; Kamel-Reid S; Meindl A; Mittmann N; Pashayan N; Schmidt M; Schmutzler R; Tavtigian S; Wolfson M

*No cost extension until 03/2018*

Canada Foundation for Innovation (CFI), 2012 Leading Edge Fund

***Human and Microbial Integrative Genomics: 2013-2016 (equipment/infrastructure) – 7 512 147 \$***

Principal Investigator: **Jacques Simard** / Co-Investigators: Barbier O; Bergeron M G; Corbeil J; Droit A; Durocher F; Guillemette C; Ouellette M; Papadopoulou B; Poirier G

Leading Edge Fund Infrastructure Operating Fund (IOF) / Canada Foundation for Innovation (CFI)

***Human and Microbial Integrative Genomics: 2013-2016 – 862 000 \$***

Principal Investigator: **Jacques Simard**

Co-Principal Investigators: Barbier O; Bergeron M G; Corbeil J; Droit A; Durocher F; Guillemette C; Ouellette M; Papadopoulou B; Poirier G

Ministère du développement économique, Innovation et Exportation (MDEIE) (Research Support Program, *Soutien à des initiatives internationales de recherche et d'innovation*, PSR-SIIRI-701, volet 3)  
2011-2014 – **998 047 \$**

***Genetic Susceptibility to Breast Cancer: Identification, Prediction and Communication***

Principal Investigator in Quebec: **Jacques Simard** / Co-Investigators in Quebec: Amara N; Avaré D; Dorval M; Droit A; Goldberg M; Jbilou J; Joly Y; Knoppers BM; Lakhal Chaieb MHL; Landry R; Sinnett D / Foreign Principal Investigator: Per Hall / Foreign Co-Partner: Easton, Douglas / Foreign Co-Investigators: Antoniou A; Benitez-Ortiz J; Burton H; Chenevix-Trench G; Czene K; Goldgar D; Rookus MA; Sinilnikova O; Tavtigian S

Quebec Breast Cancer Foundation (QBCF): 2013-2015 – **442 976 \$**

***Identification of an alternative splicing signature in BRCA1/2 mutation carriers from French Canadian families with high risk of breast cancer***

Principal Investigator: Francine Durocher / Co-Investigators: Abou-Elela S; Klinck R; **Simard J**

Quebec Breast Cancer Foundation (QBCF): 2012-2015 – **759 040 \$**

***Cancer screening practices of non-carriers from BRCA1/2 mutation-positive families: Extent, determinants and psychosocial impact of over-screening***

Principal Investigator: Michel Dorval / Co-Investigators: Foulkes W; Hamet P; Chiquette J; **Simard J**

Canadian Innovation Foundation (CFI): 04/2011-12/2011 – **950 000 \$**

***Nextgen sequencing for monitoring genomic health and disease states***

Principal Investigator: Jacques Corbeil / Co-Investigators: **Simard J**; Ouellette M

Fondation Canadienne pour l'Innovation (FCI) : : 2010-2011 – **604 469 \$**

***A Two-Photon Laser Scanning Confocal Microscope to study Cellular Response to DNA Damage in Mammalian Cells and for Functional Proteomics***

Principal Investigator: Guy Poirier / Co-Investigators: **Simard J**; Tremblay M

Network of Applied Genetic Medicine and the Fund for Health Research in Quebec (FRSQ):

2010-2014 – **1 500 000 \$**

Strategic group: ***Next Generation Integrative Genomics (RS3)*** of RMGA

Co-Investigators: Sinnett D; **Simard J**; Pastinen T

Canadian Institutes of Health Research (CIHR): 2009-2015 – **1 281 761 \$**

***Subvention de formation des IRSC-FRSQ en médecine génétique appliquée***

Principal Investigator: Guy A. Rouleau / Co-Investigators: Bouchard G; Brais B; Knoppers B-M; Michaud J; Puymirat J; Rousseau F; **Simard J**; Vézina H

Canadian Breast Cancer Research Alliance (CBCRA): 2009-2010 – **49 905 \$**

***Exploring the potential of administrative databases to evaluate the quality and cost of medical monitoring of people tested for BRCA1/2***

Principal Investigator: Michel Dorval / Co-Investigators: Chiquette J; Desbiens C; Plante M; **Simard J**

Université Laval, In support of Jacques Simard's grant application to the Canadian Institutes of Health Research (CIHR): 2008-2013 – **125 000 \$**

***CIHR Team in Familial Risks of Breast Cancer***

Principal Investigator: **Jacques Simard** / Co-Investigators: Amara N; Andrulis I; Antoniou A; Avaré D; Bridge P; Chiquette J; Dorval M; Durocher F; Easton D; Glendon G; Goldberg MS; Goldgar D; Jbilou J; Jolly Y; Kim-Sing C; Knoppers BM; Laframboise R; Landry R; Lespérance B; Maugard C; Ouimet M; Plante M; Sinilnikova O; Sinnett D; Tavtigian SV

Canadian Institutes of Health Research (CIHR): 2008-2013 – **5 379 534 \$**

***CIHR Team in Familial Risks of Breast Cancer***

Principal Investigator: **Jacques Simard**/ Co-Investigators: Amara N; Andrulis I; Antoniou A; Avar D; Bridge P; Chiquette J; Dorval M; Durocher F; Easton D; Glendon G; Goldberg MS; Goldgar D; Jbilou J; Joly Y; Kim-Sing C; Knoppers BM; Laframboise R; Landry R; Lespérance B; Maugard C; Ouimet M; Plante M; Sinilnikova O; Sinnett D; Tavigian SV

Canadian Institutes of Health Research (CIHR): 2008-2013 – **1 492 810 \$**

***A research and knowledge network on genetic health services and policy: building on the Apogee-Net and CanGene test experiences***

Principal Investigator: François Rousseau / Co-Investigators: Amara N; Battista R; Blancquaert I; Cassiman J-J; Cole D; Drouin R; Forest J-C; Foulkes W; Freidman J; Gaudet D; Giguère Y; Godard B; Knoppers B-M; Laberge A-M; Laberge C; Labrecque M; Laflamme N; Lamothe L; Landry R; Leduc N; Légaré F; Marra C; Matthijs G; Mitchell G; Reinharz D; **Simard J**

Canadian Breast Cancer Research Alliance (CBCRA): 2008-2011 – **583 305 \$**

***Genetic modifiers of cancer risk in BRCA1/2 mutation carriers: Role of functional promoter polymorphisms in candidate genes***

Principal Investigator: **Jacques Simard** / Co-Investigators: Sinnett D; Goldgar DE; Sinilnikova O

Network of Applied Genetic Medicine and the Fund for Health Research in Quebec (FRSQ):

2008-2010 – **110 000 \$**

***Évaluation de l'impact de la variation inter-individuelle comme déterminants du risque de cancer***

Principal Investigators: **Jacques Simard**, Daniel Sinnett / Co-Investigators: Awadalla P; Durocher F; Krajinovic M; Labuda D; Maugard C; Michaud J; Roy-Gagnon M-H

Canadian Institutes of Health Research (CIHR): 2008-2015 – **1 400 000 \$**

***Canada Research Chair in Oncogenetics (Tier I) - Renewal 1***

Principal Investigator: **Jacques Simard**

Canadian Breast Cancer Research Alliance (CBCRA): : 2007-2010 – **574 425 \$**

***Localisation and identification of novel breast cancer susceptibility loci/genes in high-risk French-Canadian families***

Principal Investigators: Francine Durocher, **Jacques Simard** / Co-Investigators: Vézina H; Goldgar DE; Easton DF

Canadian Institutes of Health Research (CIHR): 2007-2010 – **254 583 \$**

***Family communication following BRCA1/2 genetic testing***

Principal Investigator: Michel Dorval / Co-Investigators: Godard B; **Simard J**

CURE Foundation - Breast Cancer - 2007-2008 – **64 625 \$**

***Programme interdisciplinaire INHERIT BRCA***

Principal Investigator: **Jacques Simard**

Canadian Institutes of Health Research (CIHR) 07/2007-12/2007 – **10 000 \$**

***CIHR Team of Prediction and Communication of Familial Risks of Breast Cancer***

Principal Investigator: **Jacques Simard**/ Co-Investigators: Amara N; Andrulis I; Antoniou A; Avar D; Bridge P; Chiquette J; Dorval M; Durocher F; Easton D; Glendon G; Goldberg MS; Goldgar D; Kim-Sing C; Knoppers BM; Laframboise R; Landry R; Lespérance B; Maugard C; Ouimet M; Plante M; Sinilnikova O; Sinnett D; Tavigian SV

Canadian Institutes of Health Research (CIHR): 2006-2007 – **420 000 \$**

***CIHR Team in familial breast cancer risk: Assessment, communication and management***

Principal Investigator: **Jacques Simard** / Co-Investigators: Allanson J; Andrulis I; Avar D; Berman N; Bridge P; Carroll J; Chiquette J; Dorval M; Durocher F; Easton D; Eisinger F; Godard B; Goldberg MS; Goldgar D; Green JS; Grimshaw J; Horsman D; Houde L; Knoppers BM; Laframboise R; Landry R; Lespérance B; Little J; Miller FA; Plante M; Provencher L; Sinilnikova O; Sinnett D; Tavgitian SV; Vézina H; Wilson BJ

Canadian Institutes of Health Research (CIHR): 2005-2006 – **\$10 000**

***INHERIT Phase II understanding familial cancer risk: From pedigree to public health***

Principal Investigator: **Jacques Simard** / Co-Investigators: Allanson J; Andrulis I; Avar D; Berman N; Bridge P; Carroll J; Chiquette J; Dorval M; Durocher F; Easton D; Eisinger F; Godard B; Goldberg MS; Goldgar D; Green JS; Grimshaw J; Horsman D; Houde L; Knoppers BM; Laframboise R; Landry R; Lespérance B; Little J; Miller FA; Plante M; Provencher L; Sinilnikova O; Sinnett D; Tavgitian SV; Vézina H; Wilson BJ

Quebec Breast Cancer Foundation (QBCF): 2004-2010 – **\$1 500 000**

***Gene-Environment interactions in postmenopausal breast cancer: A case-control study***

Principal Investigator: Mark Goldberg / Co-Investigators: **Simard J**; Durocher F; Labrèche F; Parent M-É; Langholz B; Sinnett D

Fund for Health Research in Quebec (FRSQ) : 2004-2008 – **\$320 000**

***Réseau de médecine génétique et appliquée du FRSQ, Axe oncogénétique***

Unit Manager: **Jacques Simard** / Co-Investigators: Sinnett D; Labuda D; Durocher F; Dorval M; Laframboise R

Canadian Institutes of Health Research (CIHR): 2003-2008 – **\$1 000 000**

***Translating genetics discoveries into appropriate health policy and services: Enhancing research capacity and developing an interdisciplinary approach***

Principal Investigator: Brenda Wilson / Co-Investigators: Caulfield T; Avar D; Wells G; Graham I; **Simard J**; Grimshaw J; Allanson J; Carroll J; Bouchard L; Lemyre L; Cappelli M; Gold R; Coyle D

Canadian Institutes of Health Research (CIHR): 2002-2009 – **2 075 514 \$**

***Génomique fonctionnelle, hormones et santé***

Principal Investigator: Fernand Labrie / Co-Investigators: Barden N; Luu-The V; Morissette J; Raymond V; Bélanger A; Labrie C; St-Amand J; Poirier G; Rivest S; Poirier D; Lin SX; Guillemette C; Durocher F; Pelletier G; Tchernof A; **Simard J**

Canada Foundation for Innovation (CFI): 2002-2006 – **\$30 000 000**

***Centre de génomique fonctionnelle et humaine***

Principal Investigator: Fernand Labrie / Co-Investigators: Barden N; Morissette J; Raymond V; Rivest S; **Simard J**; Tremblay JP; Poirier GG; Tanguay R

Genome Canada / Génome Québec: 2002-2008 – **20 676 000\$**

***Atlas of Genomic Profiles of Steroid Action***

Principal Investigator: Fernand Labrie, Thomas J. Hudson / Co-investigators: Barden N, De Belle I, Faure R, Hallett M, Julien JP, Labrie C, Luu-the V, Morissette J, Pelletier G, Poirier G, Raymond V, Rigault P, Rivest S, **Simard J**, St-Amand J, White J.

Canadian Institutes of Health Research (CIHR): 2002-2008 – **1 400 000 \$**

Project Title: ***Canada Research Chair in Oncogenetics (Tier 1)***

Principal Investigator: **Jacques Simard**

Canadian Institutes of Health Research (CIHR): 2001-2006 – **7 385 233 \$**

***INterdisciplinary HEalth Research International Team on BREast Cancer susceptibility (INHERIT BRCAs)***

Principal Investigator: **Jacques Simard**

Co-Investigators: Avar D; Bridge PJ; Chiquette J; Dorval M; Dugas MJ; Durocher F; Easton D; Goldgar D; Green JS; Knoppers BM; Laframboise R; Lespérance B; Plante M; Sinnett D; Vézina H

Fund for Health Research in Quebec (FRSQ): : 2000-2004 – **340 000 \$**

***Réseau de médecine génétique et appliquée du FRSQ, Axe oncogénétique***

Unit Manager: **Jacques Simard** / Co-Investigators: Sinnett D; Labuda D; Durocher F; Dorval M; Laframboise R

Canadian Breast Cancer Research Alliance (CBCRA): : 2000-2003 – **678 000 \$**

***Génétique et épidémiologie moléculaire des cancers héréditaires du sein chez les Canadiennes françaises***

Principal Investigator: **Jacques Simard** / Co-Investigators: Durocher F; Easton D; Provencher L; Bridge P; Plante M; Laframboise R; Vézina H; Lespérance B; Jacob S

Canada Foundation for Innovation (CFI): 2001-2002 – **586 278 \$**

***Plateformes de génomique et de bio-informatique de la Chaire de recherche du Canada en oncogénétique***

Principal Investigator: **Jacques Simard**

Régie régionale de la santé et des services sociaux du Québec - Allocation régionale: 2000-2001 – **120 000 \$**

***Infrastructure de recherche en génomique (décodage et compréhension de l'information génétique contenue dans un organisme)***

Principal Investigators: **Jacques Simard**, Vincent Raymond

Medical Research Council of Canada, Canadian Institutes of Health Research (CIHR): 1996-2001 – **492 000 \$**

***Biologie moléculaire des enzymes de la famille 3 $\beta$ -hydroxystéroïde-déshydrogénases/isomérases***

Principal Investigator: **Jacques Simard** / Co-Investigators: Bélanger A; Labrie F; Lin SX; Luu-The V; Pelletier G

Medical Research Council of Canada (MRC): : 1996-2001 – **1 500 000 \$**

***Groupe du CRM en endocrinologie moléculaire (operating budget)***

Principal Investigator: Fernand Labrie / Co-Investigators: **Simard J**; Luu-The V; Lin SX; Bélanger A

Canadian Institutes of Health Research (CIHR), Development grant: 2000 – **10 000 \$**

***INterdisciplinary HEalth Research International Team on Breast Cancer susceptibility (INHERIT BRCAs)***

Principal Investigator: **Jacques Simard**

Valorisation recherche Québec (VRQ): 2000 – **10 000 \$**

***Demande d'actions de concertation INterdisciplinary HEalth Research International Team on Breast Cancer susceptibility (INHERIT BRCAs)***

Principal Investigator: **Jacques Simard**

Régie régionale de la santé et des services sociaux - Allocation régionale : 1999-2000 – **120 000 \$**

***Infrastructure de recherche clinique sur le cancer du sein et de l'ovaire***

Principal Investigator: **Jacques Simard**

Canada Foundation for Innovation (CFI) - Ministère de la santé et des services sociaux: 1999-2000 – **1 045 000 \$**

***Création d'une unité de séquençage et de génotypage à haut débit***

Principal Investigator: Vincent Raymond

Co-Investigators: Barden N; Brown J; Laframboise R; Morissette J; **Simard J**



Canada Foundation for Innovation (CFI) - Ministère de la santé et des services sociaux: 1999-2000 – **2 626 307 \$**  
***Formation et mécanismes d'action des hormones stéroïdiennes***  
Principal Investigator: Fernand Labrie  
Co-Investigators: **Simard J**; Bélanger A; Pelletier G; Luu-The V; Rivest S; Poirier D; Lin SX; Di Paolo T; Labrie C

Fondation du CHUQ : 1998 – **35 000 \$**  
***Infrastructure de recherche pour les cancers héréditaires***

Medical Research Council of Canada (MRC): 1990-1996 – **2 118 770 \$**  
***Groupe du Conseil de Recherche Médicale en endocrinologie moléculaire***  
Principal Investigator: Fernand Labrie  
Co-Investigators: Bélanger A; Lin SX; Luu-The V; Pelletier G; **Simard J**  
Medical Research Council of Canada (MRC): : 01/1996-12/1996 – **135 000 \$**  
***High Performance Elite ESP Cell Sortin System***  
Principal Investigator: Jean Gosselin / Co-Investigators: Borgeat P; Naccache PH; **Simard J**; Mourad W; Bourgoin SG; Poirier GG; Hébert J; Tremblay M; Poubelle PE

Fonds de la recherche en santé du Québec: 1991-1994 – **25 000 \$**  
***Établissement de jeunes chercheurs***  
Principal Investigator: **Jacques Simard**

Direction de la coopération, Ministère de l'Enseignement supérieur et de la science: 1991-1992 – **5 000 \$**  
***Caractérisation des mutations responsables des dysfonctions congénitales de l'activité 17 $\beta$ -HSD et 3 $\beta$ -HSD***  
Principal Investigator: **Jacques Simard**

Téléthon des étoiles : 1989-1992 – **55 000 \$**  
***Identification et caractérisation des mutations responsables des dysfonctions congénitales de l'activité 17 $\beta$ -HSD et 3 $\beta$ -HSD***  
Principal Investigator: **Jacques Simard**  
(10/1989-06/1992) Total amount awarded: **55 000\$**

Medical Research Council (MRC) : 1991 – **15 000 \$**  
***Établissement de chercheurs-boursiers***  
Principal Investigator: **Jacques Simard**  
(1991) Total amount awarded: **15 000\$**

**RESEARCH CONTRACTS**

Projet mobilisateur Université - Industrie dans le cadre du Fonds de développement technologique du Gouvernement du Québec (F. Labrie)

(1994-2000)

Total amount awarded/Year: 500 000\$

Pharmacia (Canada) Inc.

Étude de la structure et du contrôle de l'expression de la protéine GCDFP-24: nouveau marqueur potentiel dans le cancer de la prostate et le cancer du sein

(07/1990-12/1992)

Total amount awarded: 150 000\$

Applied Biosystems Canada

Chercheur principal en collaboration avec le Dr Van Luu-The (équipements)

(05/1990-04/1993)

Total amount awarded: 274 161\$

**PATENTS**

Application Date

*Chromosome 17p-linked prostate cancer susceptibility gene and a paralog and orthologous genes (HPC2, ELAC1, Elac2)*

*United States Patent:* no 6,333,403

2000/05/05

Inventors: Sean V. Tavtigian, David F. Teng, Jacques Simard, Johanna M. Rommens

*Chromosome 17p-linked prostate cancer susceptibility gene (HPC2)*

*United States Patent:* no 6,844,189

1999/11/05

Inventors: Sean V. Tavtigian, David F. Teng, Jacques Simard, Johanna M. Rommens, Lisa A. Cannon Albright, Susan L. Neuhausen

*Chromosome 13-linked breast cancer susceptibility gene (BRCA2)*

*United States Patent:* no 5,837,492

1998/11/17

*United States Patent:* no 6,033,857

2000/03/07

*Canadian Patent:* no 2,239,733

2001/04/03

Inventors: Sean V. Tavtigian, Alexander Kamb, Jacques Simard, Fergus Couch, Johanna M. Rommens, Barbara L. Weber

*Linked breast and ovarian cancer susceptibility gene (BRCA1)*

*United States Patent:* no 5,693,473

1997/12/02

*United States Patent:* no 5,709,999

1998/01/20

Inventors: Donna M. Shattuck-Eidens, Jacques Simard, Francine Durocher, Mitsuuru Emi, Yusuke Nakamura

*In vivo mutations and polymorphisms in the 17q-linked breast and ovarian cancer susceptibility gene (BRCA1)*

*Canadian application number:* no 2,196,797

22/02/1996

Inventors: Donna M. Shattuck-Eidens, Jacques Simard, Mitsuuru Emi, Yusuke Nakamura, Francine Durocher

## RESEARCH CHAIRS AND SCHOLARSHIPS

|                 |  |
|-----------------|--|
| 03/2015-02/2022 | Renewal 2 - Chairholder of the Canada Research Chair in Oncogenetics, Tier 1.  |
| 03/2008-02/2015 | Renewal 1 - Chairholder of the Canada Research Chair in Oncogenetics, Tier 1.  |
| 2001-2008       | Chairholder of the Canada Research Chair in Oncogenetics, Tier 1.  |
| 1998-2001       | Research Scholar (Senior), Fonds de la Recherche en Santé du Québec (FRSQ).  |
| 1996-1998       | Research Scholar (Junior II), FRSQ.  |
| 1991-1996       | Research Scholar, Medical Research Council of Canada (MRCC).   |
| 1991-1994       | Research Scholar (Junior I), FRSQ.   |
| 1987-1990       | Postdoctoral Fellowship, FRSQ.   |
| 1985-1986       | Studentship for graduate studies at the Ph.D. level, awarded by the Fonds pour la formation de chercheurs et l'aide à la recherche (Fonds F.C.A.R.). |
| 1981-1983       | Studentship for graduate studies at the M.Sc. level, awarded by the Fonds F.C.A.R.   |

## COMMITTEES

### 1. Board of Directors / Advisory Boards

|                 |   |
|-----------------|---|
| 01/2020-        | President, Research Coordination Committee of the Québec Molecular Diagnostic Network, <i>Ministère de la santé et des services sociaux</i>   |
| 01/2020-        | Member, Concertation Table on Precision Medicine Génome Québec  |
| 05/2019-        | Member, Scientific Advisory Committee, Québec Breast Cancer Foundation (FCSQ)   |
| 09/2018-        | Member, Scientific Steering Committee, CONFLUENCE   |
| 01/2018-        | Member, Scientific Advisory Board, MyPeBS (Personalising Breast Screening) project and clinical trials, Unicancer National Breast Cancer Group  |
| 10/2016-        | Member, Scientific Advisory Committee, CARTaGENE.   |
| 2013-           | Member, Data Access Coordinating Committee, BCAC (Breast Cancer Association Consortium).  |
| 2010-           | Member, Data Access Coordinating Committee, CIMBA (The Consortium of Investigators of Modifiers of <i>BRCA1/2</i> ).  |
| 1999-           | Member, <i>Conseil sectoriel, Investissements technologiques</i> (1999-2009) / <i>Conseil sectoriel, Nouvelle Économie</i> (2009-2015) / <i>Comité d'Investissement Nouvelle Économie</i> (2015-2018) / <i>Innovation et capital de risque</i> (2019- ), Fonds de Solidarité FTQ. |
| 2014 -2017      | Member, <i>Conseil scientifique international, Site de recherche intégrée sur le cancer</i> (SIRIC) ONCOLille.  |
| 03/2016-07/2018 | « Co-champion », Merck-FRQS Collaboration Initiative, Towards the Consolidation of a Competitive Cancer Research and Innovation Technopole in Quebec « Oncopole ».  |
| 2013-2017       | Member, External Advisory Committee, <i>Regroupement en Soins de Santé Personnalisés au Québec (RSSPQ)</i> .  |

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|           |   |
|-----------|---|
| 2010-2016 | President, Science and Industry Advisory Committee (SIAC), Genome Canada.   |
| 2010-2016 | <i>Ex officio Member</i> , Board of Directors, Genome Canada.   |
| 2000-2019 | Member, Board of Directors, <i>Réseau de médecine génétique appliquée du FRSQ</i> (RMGA).   |
| 2010-2011 | Member, FRSQ Advisory Committee “ <i>Développement d’une stratégie québécoise concertée de médecine personnalisée</i> ”.                                |
| 2009-2010 | Member, Transition Team, Genome Canada  |
| 2005-2010 | Chairman (2008-2010), Member (2005-2008), Corporate Governance Committee, Genome Canada.  |
| 2007-2009 | Chairman, Users’ Board, CARTaGENE.  |
| 2006-2008 | Chairman (2007-2008), Member (2006-2007), Investment Committee, Genome Canada.  |
| 2005-2010 | Member, Board of Directors, Genome Canada.  |
| 2005-2012 | Member, Ministerial Science Advisory Board, Health Canada.  |
| 2005-2006 | Member, Oncogenetic Scientific Board of the <i>Institut national du cancer de France</i> .  |
| 2002-2007 | Member Research Policy Advisory Committee of the Canadian Association of Provincial Cancer Agencies.  |
| 2001-2012 | Member, Member, Planning and Priorities Committee: From Gene to Genomic Medicine, Institute of Genetics, Canadian Institutes for Health Research (CIHR) |
| 2001-2004 | Member, Institute of Gender and Health Advisory Board, Canadian Institutes of Health Research (CIHR).   |
| 1998-2000 | Member, Governing Council, Medical Research Council of Canada.  |
| 1997-2001 | Member, Canadian Breast Cancer Research Initiative Management Committee.  |

## 2. University and Hospital Committees

|                 |  |
|-----------------|--|
| 05/2021-05-2024 | Member, <i>Chair de recherche cerveau et douleur</i> , Université Laval  |
| 01/2020-        | Member, Research Chair in Obesity, Université Laval  |
| 2020-           | Member, <i>Comité consultatif de VALERIA</i> , Université Laval  |
| 09/2019-09-2022 | Member, Sentinel North Partnership Research Chair on Probing Life and the Environment with Light, Université Laval |
| 2019-           | Member, Merck Research Support Fund  |
| 2019-           | Member, <i>Comité de gestion des infrastructure</i> , Université Laval   |
| 2019-           | Member, <i>Comité tactique RI, Recherche et Gestion de la recherche</i> , Université Laval                         |
| 2019-           | Member, <i>Fonds Pierre-Borgeat sur l’arthrite et les maladies rhumatismales</i> , Université Laval                |
| 2019-           | Member, <i>Chaire de recherche sur le système endocannabioïde en santé cardiométabolique</i> , Université Laval    |
| 2019-           | Member, <i>Groupe de travail sur la recherche en médecine de famille</i> , Université Laval                        |

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|---------------------------|--|
| 07/2018-                  | Member, <i>Comité de concertation du centre de recherche LOEX (Laboratoire d'Organogénèse Expérimentale)</i> de l'Université Laval   |
| 08/2018-                  | Member, <i>Table de concertation de la recherche</i> , Université Laval  |
| 08/2018-                  | Member, Steering Committee Research Chair on Aging   |
| 07/2018-                  | Member, Association of Faculties of Medicine of Canada (AFMC), Vice-Dean Research Committee  |
| 2008-                     | Member, Executive Committee, CHU de Québec-Université Laval Research Centre, Quebec.   |
| 01/1990-                  | Senior researcher <ul style="list-style-type: none"> <li>• Molecular Endocrinology Unit (1990-2008).</li> <li>• Endocrinology and Genomics Unit (2008-2012), CHUQ Research Centre.</li> <li>• Endocrinology and Nephrology Unit, CHU de Québec Research Centre, Quebec (2012-2015) / CHU de Québec-Université Laval Research Centre, Quebec (2015-)</li> </ul> |
| 03/2016-2018              | Member, <i>Comité de l'Indépendance Intellectuelle (CII)</i> , <i>Faculté de médecine</i> , Université Laval.  |
| 06/2014                   | Member, Scientific Committee, <i>Faculté de médecine</i> , Université Laval CRC-IRSC, Tier 2 (junior) file selection and assessment.   |
| 03/01/2014-<br>02/01/2017 | Member, <i>Fonds de recherche en cancérologie</i> Steering Committee (0010), <i>Fonds Didier-Dufour</i> Steering Committee (0038), <i>Fonds de recherche en cancérologie-Centre de recherche</i> Steering Committee (CRCEO) (1001), <i>Faculté de Médecine</i> , <i>Centre hospitalier universitaire de Québec (CHU de Québec)</i> .                           |
| 09/2013-2016              | Member, <i>Comité Direction de l'imputabilité sociale et du professionnalisme élargi et Sous-comité « Codes et politiques »</i> , <i>Faculté de Médecine</i> , Université Laval.   |
| 06/2012-2018              | Member, CHU de Québec / CHU de Québec-Université Laval Human Resources Committee.  |
| 2005-2014                 | Member, <i>Conseil de la Faculté de médecine</i> , Université Laval, Québec.   |
| 2009, 2010                | Member, Assessment Committee of applications for the MD/PhD, <i>Faculté de médecine</i> , Université Laval.  |
| 2005-2009                 | Member, <i>Comité consultatif pour l'allocation des ressources</i> , <i>Vice-décanat exécutif</i> , <i>Faculté de médecine</i> , Université Laval.   |
| 1998-2008                 | Member, Oncology Committee, Board of Physicians, Dentists and Pharmacists of <i>Centre Hospitalier Universitaire de Québec (CHUQ)</i> , Quebec.  |
| 1996                      | Member, Committee for promotion criteria, Department of Anatomy and Physiology, Université Laval, Quebec.  |
| 1995                      | Member, Committee for the analysis of the impact of non-tenure track assistant professors, Université Laval, Quebec.   |
| 1992-1999                 | Member, Physiology-Endocrinology Graduate Studies Program Committee, Université Laval, Quebec.   |
| 1991-1996                 | Member, Committee for the study of biological risks, Université Laval, Quebec.   |

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### 3. Editorial Board of Scientific Journals

|           |  |
|-----------|--|
| 2001-2009 | Member, Editorial Board, Molecular and Cellular Endocrinology.               |
| 2002-2006 | Member, Editorial Board, Journal of Endocrinology.                           |
| 2001-2004 | Member, Editorial Board, Endocrinology.                                      |
| 1996-2004 | North American Reviews Editor, Journal of Molecular Endocrinology.           |
| 1994-1999 | Member, Editorial Board, The Journal of Clinical Endocrinology & Metabolism. |

### 4. Peer Review Panels

|               |   |
|---------------|---|
| 09-10/01/2018 | Member, Ontario Research Fund – Research Excellence Program Round 9, Health Sciences Panel  |
| 05-07/04/2017 | Member, Comité d'évaluation multidisciplinaire, Concours 2017 du Fonds d'innovation de la Fondation canadienne pour l'innovation (FCI).   |
| 2015          | Member, Canadian Cancer Society Research Institute (CCSRI), Toronto, Ontario, Canada, September 29-30, 2015.                              |
| 2013          | Chairman, Multidisciplinary Assessment Committee, Canada Foundation for Innovation (CFI), Ottawa, Ontario, Canada, September 24-25, 2013. |
| 2012          | Member, PSR-SIIRI Program Evaluation Committee, <i>Fonds de recherche du Québec - Santé (FRQS)</i> , 23 October 2012.                     |
| 2011          | Member, Ontario Research Fund – Research Excellence Program Round 5, Genomics Panel.  |
| 2010          | Member, Ontario Research Fund-Global Leadership in Genomics and Life Sciences (GL2 competition) Cancer & Stem Cells Panel.                |
| 2009          | Chairman, Multidisciplinary Assessment Committee (Number 8), Canada Foundation for Innovation (CFI).                                      |
| 2008          | Chairman, <i>Jury de sélection de Prix du Québec Wilder-Penfield</i> .  |
| 2007-2008     | Chairman, Assessment Committee of the CHUM, <i>Fonds de la recherche en santé du Québec (FRSQ)</i> .                                      |
| 2004-2005     | Member, IDEA Grant Applications, Canadian Breast Cancer Research Alliance (CBCRA).  |
| 2003-2004     | Chairman, Assessment Committee, Canada Foundation for Innovation (CFI).   |
| 2001-2004     | Member, <i>Comité des cancers héréditaires, Conseil de lutte contre le cancer du Québec, Gouvernement du Québec</i> .                     |
| 2003-2004     | Member, Assessment Committee, Alberta Cancer Board.   |
| 2003          | Chairman, <i>Groupe de recherche en cancer de McGill, Fonds de la recherche en santé du Québec (FRSQ)</i> .                               |
| 2002-2003     | Member for the CBCRA's Translation Acceleration Grants, Canadian Breast Cancer Research Alliance (CBCRA).                                 |
| 2002-2003     | Member, Assessment Committee, Ontario Cancer Research Network.  |
| 2001          | Member, Assessment Committee, <i>Fonds de la recherche en santé du Québec (FRSQ)</i> / Canada Foundation for Innovation (CFI).            |

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|-----------|--|
| 2001-2003 | Chairman, Assessment Committee of the Lady Davis Research Centre, <i>Fonds de la recherche en santé du Québec (FRSQ)</i> .                             |
| 1999-2000 | Member, <i>Comité d'évaluation des performances des centres de recherche et de leurs chercheurs, Fonds de la recherche en santé du Québec (FRSQ)</i> . |
| 1999-2000 | Member, Committee for the Michael Smith Award, Medical Research Council of Canada (MRCC).  |
| 1997      | Member, Molecular Genetics, Department of Defense Breast Cancer Research Program.  |
| 1993-1994 | Vice President, Advisory Committee on the Science Citation Index, <i>FRSQ</i> .  |
| 1993      | Member, Data Base and Registry on Medical Research in Canada, MRC/PMAC Advisory Committee.   |
| 1992-1997 | Member (7/92-6/95) and Scientific Officer (7/95-7/97), Peer Review Panel, Endocrinology, Medical Research Council of Canada (MRCC).                    |
| 1991-1994 | Chairman (1993-1994), Vice-chairman (1992-1993) and Member (1991-1992), Postdoctoral Fellowship Committee, <i>FRSQ</i> .                               |
| 1990      | Member, MSc Studentship Committee, <i>FRSQ</i> .   |

### 5. Organizing Committees for Conferences, Congress and Symposia

|           |   |
|-----------|---|
| 02/2019   | Member, Scientific Steering Committee for the European Commission Joint Research Centre Conference, <i>Integrating genomics into personalised healthcare: a science-for-policy perspective. My Genome: our future</i> , Brussels, Belgium, February 12-13, 2019.      |
| 09/2018   | Member, Scientific Program Committee, 2nd International Congress on Personalized Healthcare (ICPH), Montreal, QC, Canada, September 23-26, 2018.  |
| 04/2018   | Co-organiser, <i>Rendez-Vous Génome Québec 2018</i> , Quebec, QC, Canada, April 20, 2018.   |
| 10/2016   | Co-organiser, <i>Rendez-Vous Génome Québec 2016</i> , Quebec, QC, Canada, September 30, 2016.   |
| 05/2016   | President of the PERSPECTIVE (Personalised Risk Stratification for Prevention and Early Detection of Breast Cancer) - CPAC (Canadian Partnership Against Cancer) / CBCSN (Canadian Breast Cancer Screening Network), joint meeting Montréal, QC, Canada, May 9, 2016. |
| 2015-2016 | Member, Scientific Program Committee, 1 <sup>st</sup> International Congress on Personalized Healthcare (ICPH), Montreal, QC, Canada, June 12-14, 2016.   |
| 2014-2015 | Member, Scientific Program Committee of the 2015 Canadian Cancer Research Conference (CCRC), Montreal, QC, Canada, November 8-10, 2015.   |
| 2014      | Co-organiser, <i>Rendez-Vous Génome Québec 2014</i> , Quebec, QC, Canada, May 26, 2014.   |
| 2013      | Member, Genome Canada, Disruptive Technologies Workshop, Toronto, ON, Canada, May 9-10, 2013.   |
| 2012-2013 | Membre, Scientific Program Committee for the 2013 Canadian Cancer Research Conference, Toronto, ON, Canada, November 3-6, 2013.   |

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- 2012 President of the organization committee of the international « COGS 2012 » conference:  
*Joint Meeting Collaborative Oncological Gene-Environment Study / CIHR Team in Familial Risks of Breast Cancer*, Loews Hôtel Le Concorde, Quebec, QC, Canada, September 18-26, 2012.
- International Consortia Meetings:  
 IBCCS (*International BRCA1/2 Carrier Cohort Study*), September 18, 2012.  
 CIMBA (*Consortium of Investigators of Modifiers of BRCA1/2*), September 18-20, 2012.  
 BCAC (*Breast Cancer Association Consortium*), September 20-22, 2012.  
 COMPLEXO (*Consortium of Massively Parallel Breast Cancer Exome Sequencing*), September 21, 2012.  
 ENIGMA (*Evidence-based Network for the Interpretation of Germline Mutant Alleles*), September 21-22, 2012.  
 PRACTICAL (*Prostate cancer Association group To Investigate Cancer Associated alterations in the genome*), September 24-25, 2012.  
 OCAC (*Ovarian Cancer Association Consortium*), September 24-26, 2012.  
 CEC (*Clinical ELLIPSE (ELucidating Loci Involved in Prostate cancer Susceptibility) Consortium*), September 26, 2012.
- 2011 President and organization of the 2011 Annual meeting of the CIHR Team in Familial Risks of Breast Cancer, Quebec, QC, Canada, March 21-22, 2011.
- 2010 Member, *Journées scientifiques du Centre de Recherche en Endocrinologie Moléculaire et Oncologique et en Génomique Humaine (CREMOGH) et de l'Axe Endocrinologie et Génomique*, Quebec, QC, Canada, October 28-29, 2010.
- 2009 President and organization of the 2009 Annual Meeting of the CIHR Team in Familial Risks of Breast Cancer, Quebec, QC, Canada, April 14-15, 2009.
- 2008 Member, Local Organizing Committee, International Congress on Hormonal Steroids and Hormones and Cancer, Quebec, QC, Canada, September 2008.
- 2008 Member, Organizing Committee, *Journées Génétiques 2008: 400 ans de "brassage de gènes" au Québec - Qu'en résulte-t-il?* Quebec, QC, Canada, May 2008.
- 2006-2007 Member, HGM2007 Local Organizing Committee, 12<sup>th</sup> International Congress. The Human Genome Organisation (HUGO), Montreal, QC, Canada, May 2007.
- 2004 Member, Organization Committee, *Dix-septièmes Entretiens du Centre Jacques Cartier 2004 (EJC) Oncogenetics: Achievements and Challenges*, Montreal, QC, Canada, October 2004.
- 2002 Co-Chairman, Joint Conference on Inherited Susceptibility to Breast and Ovarian Cancers - Second Annual INHERIT BRCA Meeting & First National Hereditary Cancer Task Force, Quebec, QC, Canada, November 2002.
- 2001 President, First Annual meeting of the Interdisciplinary Health Research International Team on Breast Cancer susceptibility Quebec, QC, Canada, October 2001.
- 2000-2001 President, Canadian Breast Cancer Research Initiative 2<sup>nd</sup> Scientific Conference «Reasons for Hope», Quebec, QC, Canada, May 2001.
- 2000 Member, International Workshop: Recent progress in research on 17 $\beta$ -hydroxysteroid dehydrogenases: Impact on medicine, Elmau Castle, Germany.



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|------|---|
| 2000 | Abstract Reviewer, 50 <sup>th</sup> Annual Meeting of the American Society of Human Genetics, Philadelphia, PA, USA.                          |
| 2000 | Secretary, 14 <sup>th</sup> International Symposium of the Journal of Biochemistry and Molecular Biology, Quebec, QC, Canada.                 |
| 1998 | Secretary, X <sup>th</sup> International Congress on Hormonal Steroids, Quebec, QC, Canada.   |
| 1998 | Director, Endocrinology Section, 66 <sup>th</sup> Annual Meeting of the "Association Canadienne Française pour l'Avancement des Sciences".    |
| 1995 | Secretary, Fifth International Congress on Hormones and Cancer, Quebec, QC, Canada.   |
| 1995 | Secretary, International Symposium on DHEA Transformation into Androgens and Estrogens in Target Tissues: Intracrinology, Quebec, QC, Canada. |

### **PROFESSIONAL MEMBERSHIPS**

American Association for Cancer Research

American Society of Human Genetics

*Association francophone pour le savoir (ACFAS)*

Canadian Academy of Health Sciences (CAHS)

*Cercle des Administrateurs de Sociétés Certifiées (ASC)*

Certified Director, Certification in Governance of Corporations

Global Alliance for Genomics and Health (GA4GH)

Royal Society of Canada – Academy of Science

### **GRADUATE STUDENTS – DIRECTION**

- Keiko Sugimoto, MSc (September 1991-September 1993).
- Marie-Claude Carrière, MSc (May 1992-December 1993).
- Nathalie Laflamme, MSc (May 1992-September 1993).
- Martine Poulin, MSc (May 1990-March 1994, jointly with her MD).
- Rocio Sanchez, PhD (May 1991-May 1995).
- Francine Durocher, PhD (January 1992-December 1996).
- Yves Blais, PhD (January 1992-June 1996).
- Patrick Couture, PhD (May 1990-December 1997).
- Sébastien Gingras, PhD (May 1994-May 1999).
- Stéphanie Côté, MSc (September 1998-2001).
- Caroline Manhes, MSc (September 2000-December 2001).
- Jessyka Fortin, MSc (January 2003-September 2004).
- Anne-Marie Moisan, MSc (September 1997-1999) and PhD (2001-2006).
- Marie Plourde, PhD (September 2000-November 2007).
- Denis Mathon, MSc (September 2003-July 2008).
- Alexandra Ferland, MSc (September 2006-August 2008).

- Anne-Laure Renault, MSc (September 2011-March 2014).
- Steffany Grondin, MSc (September 2014-May 2015).
- Yosr Hamdi, PhD (September 2008-May 2017).
- Mandy Ducy, MSc (May 2014-accelerated passage to PhD) and PhD (January 2016-April 2019)

#### **GRADUATE STUDENTS – CO-DIRECTION**

- Hui-Fen Zhao, PhD (September 1987-November 1991) (with Fernand Labrie).
- Éric Rhéaume, PhD (May 1989-June 1994) (with Fernand Labrie).
- Nathalie Breton, MSc (May 1990-June 1992) (with Fernand Labrie).
- Yvan Labrie, PhD (May 1991-May 1996) (with Fernand Labrie).
- Nancy Brochu, MSc (May 1992-December 1993) (with Fernand Labrie).
- Martin Leclerc, MSc (September 2010-April 2012) and PhD in Mathematics (January 2012-February 2016) (with M'Hamed Lajmi Lakhel-Chaieb).
- Audrey Lemaçon, PhD (January 2015 – May 2019) (with Arnaud Droit).

#### **POST-GRADUATE AND POSTDOCTORAL FELLOWS DIRECTION**

- Dr. Yvan de Launoit (January 1990-December 1991) (Director: Fernand Labrie, Co-director, Jacques Simard) Belgium.
- Dr. Thierry Normand (January 1992-September 1993), France.
- Dr. Didier Monté (November 1994-April 1995), France.
- Dr. Farida Mébarki (September 1994-March 1995), France.
- Dr. Jean-Louis Carsol (April 1998-July 2001), France.
- Dr. Marie-Louise Ricketts (September 1998- 2000), United Kingdom.
- Dr. Maxime Vallée, Post-doctoral fellow (December 2014 - May 2015) (Director: Jacques Simard, Co-director, Arnaud Droit), France.
- Dr. Guillaume Margaillan, Post-doctoral Fellow (November 14, 2016 - September 30, 2018), France.
- Dr. Gemma Montalban Canudas, Post-doctoral Fellow (April 2019- ) (Director: Jacques Simard, Co-director, Jean-Yves Masson), Spain.

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INVITED SPEAKER

1. **Control of Gross Cystic Disease Fluid Protein-15 Gene Expression by Androgens, Estrogen Progestins and Glucocorticoids in the ZR-75-1 Human Breast Cancer Cell Line.** *Workshop on Human Breast Cyst Fluid and Cancer Risk*, New York, NY, USA, December 1988.
2. **La régulation de l'expression de l'apolipoprotéine D est inversement corrélée à la prolifération cellulaire dans les cellules humaines du cancer du sein et de la prostate.** *Institut de Recherches Cliniques de Montréal*, Montreal, QC, Canada, March 1991.
3. **Molecular basis of reproductive endocrinology. Structure and control of expression of the 3 $\beta$ -HSD and 17 $\beta$ -HSD genes in classical steroidogenic and peripheral tissues: Their role in intracrinology.** *Serono Symposium*, Vancouver, BC, Canada, July 1991.
4. **Molecular characterization of sex steroid formation in normal and neoplastic cells.** *The 2<sup>nd</sup> Eastern Canadian Conference on Development and Cancer*, Montreal, QC, Canada, October 1991.
5. **Régulation de l'expression de l'apolipo-protéine D par les stéroïdes dans les cellules humaines du cancer du sein et de la prostate.** *Université du Québec à Montréal*, Montreal, QC, Canada, April 1992.
6. **Regulation of apolipoprotein D gene expression by steroids human in breast and prostate cancer cells.** *Gordon Research Conference on Lipid Metabolism*, Meriden, NH, USA, June 1992.
7. **Structure et expression des gènes encodant les enzymes de la stéroïdogénèse ovarienne et périphérique.** *XXXIV<sup>e</sup> Congrès de la Fédération des Gynécologues et Obstétriciens*, Quebec, QC, Canada, June 1992.
8. **Molecular basis of congenital adrenal hyperplasia due to 3 $\beta$ -hydroxysteroid dehydrogenase deficiency.** *Fourth Joint Lawson Wilkins Pediatric Endocrine Society and European Society for Paediatric Endocrinology*, San Francisco, CA, USA, June 1993.
9. **The 3 $\beta$ -hydroxysteroid dehydrogenase gene family: Structure, function, regulation of tissue-specific gene expression and molecular basis of human 3 $\beta$ -HSD deficiency.** *International Conference on Molecular Endocrinology*, Athens, Greece, October 1993.
10. **La famille des 3 $\beta$ -hydroxystéroïde déshydrogénases: structure, fonction et génétique moléculaire du déficit enzymatique chez l'humain.** *Centre de Recherche, Hôpital Maisonneuve-Rosemont*, Montreal, QC, Canada, November 1993.
11. **The 3 $\beta$ -hydroxysteroid dehydrogenase gene family: Structure, function, regulation of tissue-specific gene expression and molecular basis of human 3 $\beta$ -HSD deficiency.** *Loeb Medical Research Institute*, Ottawa, ON, Canada, February 1994.
12. **Hereditary breast and ovarian cancer.** *Colloque SOREP sur la génétique du cancer: recherche et société*, Montreal, QC, Canada, May 1994.
13. **Biologie moléculaire de la formation des stéroïdes sexuelles dans les tissus périphériques: cancer du sein et cancer de la prostate.** *Institut du Cancer de Montréal*, Montreal, QC, Canada, May 1994.
14. **Molecular Basis of 3 $\beta$ -hydroxysteroid dehydrogenase deficiency.** *IX International Congress on Hormonal Steroids*, Dallas, Texas, USA, September 1994.
15. **Base moléculaire de la formation des stéroïdes sexuels dans les tissus périphériques: intracrinologie.** *19<sup>ième</sup> Réunion des Endocrinologues de Langue Française*, Montreal, QC, Canada, September 1994.
16. **Genetics aspects of breast and ovarian cancers.** *Contact Québec 94*, Quebec, QC, Canada, October 1994.
17. **Relation between molecular defect and phenotypic manifestation of human 3 $\beta$ -hydroxysteroid dehydrogenase deficiency.** *Where Phenotype does not Match Genotype. Serono Symposium*, Volterra, Italy, October 1994.

18. **Génétique moléculaire des cancers du sein et de l'ovaire.** *Mercredi d'oncologie, Hôtel-Dieu de Québec*, Quebec, QC, Canada, January 1995.
19. **Génétique du cancer du sein et de l'ovaire.** *Centre de Recherche de l'Hôtel-Dieu de Québec*, Quebec, QC, Canada, March 1995.
20. **Génétique des cancers du sein et de l'ovaire.** *Conférence de Médecine du CHUL*, Quebec, QC, Canada, April 1995.
21. **Molecular basis of  $3\beta$ -hydroxysteroid dehydrogenase/ $\Delta^4$ - $\Delta^5$  isomerase congenital deficiency: A structure-function relationship.** *Workshop on the Molecular and Cell Biology of Hydroxysteroid Dehydrogenases*, Max-Planck-Institute for Experimental Endocrinology, Hannover, Germany, April 1995.
22. **Caractérisation des mutations dans le gène *BRCA1* prédisposant au cancer du sein et de l'ovaire chez les familles nord-américaines.** *Université Claude Bernard Lyon I*, Lyon, France, April 1995.
23. **Molecular genetics and regulation of tissue-specific expression of the  $3\beta$ -hydroxysteroid dehydrogenase gene family.** *The Endocrine Society, 77<sup>th</sup> Annual Meeting*, Washington, DC, USA, June 1995.
24. **Hormonal and interleukin modulation properties of cystic disease proteins.** *Satellite Symposium of the Fifth International Congress on Hormones and Cancer entitled: Gross Cystic Disease Fluid Proteins: Hormonal Modulation, Biological Function, Clinical Utility*, Quebec, QC, Canada, September 1995.
25.  **$3\beta$ -HSD dehydrogenase superfamily.** *International Symposium on DHEA Transformation into Androgens and Estrogens in Target Tissues: Intracrinology*, Quebec, QC, Canada, September 1995.
26. **Inhibition of breast cancer cell growth.** *Fifth International Congress on Hormones and Cancer*, Quebec, QC, Canada, September 1995.
27. **Aspects génétiques du cancer du sein et de l'ovaire.** *Institut de Recherches Cliniques de Montréal, Conférence Pfizer*, Montreal, QC, Canada, September 1995.
28. **Molecular Biology of Sex Steroid Formation.** *Sir Mortimer B. Davis - Jewish General Hospital*, Montreal, QC, Canada, November 1995.
29. **Molecular biology of sex steroid biosynthesis in peripheral tissues.** *Hôpital Royal Victoria*, Montreal, QC, Canada, May 1996.
30. **Androgen receptor research.** *Eulexin Speaker's Update Meeting*, Aspen, CO, Montreal, September 1996.
31. **Genetic aspects of breast cancer.** *Biocontact Québec 96*, Quebec, QC, Canada, October 1996.
32. ***BRCA2*: un gène de prédisposition au cancer du sein.** *Unité d'Oncologie Moléculaire INSERM U186 - Institut Pasteur de Lille*, Lille, France, October 1996.
33. **Clonage positionnel du gène de prédisposition au cancer du sein *BRCA2* et détection de mutations chez les familles et chez des hommes atteints d'un cancer du sein.** *Matinée des chercheurs-boursiers du Club de Recherches Cliniques du Québec*, Quebec, QC, Canada, October 1996.
34. **Structure of mouse and rat *BRCA2* gene.** *Consortium for Hereditary Breast Cancer Linkage*, Lyon, France, October 1996.
35. **Importance de l'intracrinologie dans la formation des stéroïdes sexuels dans les tissus périphériques.** *Centre de Recherche de l'Hôpital Ste-Justine*, Montreal, QC, Canada, November 1996.
36. **La génétique moléculaire du cancer du sein.** *Centre de Recherche des Sciences de la Vie*, November 1996.
37. **Génétique moléculaire du cancer du sein.** *Centre Hospitalier Universitaire de Sherbrooke*, Sherbrooke, QC, Canada, November 1996.

38. **Génétique et cancer du sein.** *Colloque sur le cancer du sein, Centre Hospitalier Jonquière, Jonquière, QC, Canada, January 1997.*
39. **Les cancers du sein et de l'ovaire héréditaires: où en sommes-nous?** *Conférence dans le cadre des mercredis d'oncologie du Pavillon Hôtel-Dieu du CHUQ, Quebec, QC, Canada, April 1997.*
40. **Key role of cytokines in estrogen bioavailability in breast cancer cells.** *Workshop Mechanisms of Action of Estrogens and Physiological Needs, Chantilly, France, April 1997.*
41. **Structure and expression of mammalian homologues of the breast cancer susceptibility gene, *BRCA2*.** *Terry Fox Workshop on Cancer genetics, Toronto, ON, Canada, May 1997.*
42. **Crucial role of cytokines in sex steroid formation in breast cancer cells.** *13<sup>th</sup> International Symposium of the Journal of Steroid Biochemistry & Molecular Biology, Monaco, May 1997.*
43. **Hérédité et cancer du sein: certitude ou prédisposition.** *Club de Recherches Cliniques du Québec, Bécancour, QC, Canada, October 1997.*
44. **The Breast Cancer Susceptibility Gene, *BRCA2*: Basic and Clinical Aspects.** *Département de Physiologie, Université McGill, Montreal, QC, October 1997.*
45. **Genetics of breast and prostate cancer.** *Biocontact Québec 97, Quebec, QC, October 1997.*
46. **Facteurs génétiques et considérations éthiques.** *Université de Montréal, Montreal, QC, October 1997.*
47. **Leadership of the CHUL Research Centre of the Laval University Medical Centre in the discovery of new therapies against prostate and breast cancers.** *Cuban-Canadian Workshop on Cancer Immunotherapy, Havane, Cuba, February 1998.*
48. **Hérédité et cancer du sein: Conduite à tenir avec les patientes porteuses de mutations des gènes *BRCA1* et *BRCA2*.** *Colloque de la Fondation québécoise du cancer: Cancer du sein: 100 ans de progrès, Montreal, QC, Canada, April 1998.*
49. **Rôle de *BRCA1* et *BRCA2* dans les Cancers du Sein Familiaux.** *Association de Cytogénétique du Québec, Quebec, QC, Canada, April 1998.*
50. **Genetics of breast cancer.** *The Endocrine Society, 80<sup>th</sup> Annual Meeting, New Orleans, USA, June 1998.*
51. **Crucial role of cytokines in DHEA transformation in target tissues.** *VIII<sup>th</sup> Adrenal Cortex Conference, Mont-Orford, QC, Canada, June 1998.*
52. **Molecular biology of sex steroid biosynthesis in peripheral target tissues: Crucial role of cytokines in intracrinology.** *Trans-Pacific Symposium, Japan Endocrine Society, 71<sup>st</sup> Annual Meeting, Fukuoka, Kyushu, Japan, June 1998.*
53. **Génétique et épidémiologie des cancers du sein et de l'ovaire.** *Centre Universitaire de Santé de l'Estrée, Sherbrooke, QC, Canada, June 1998.*
54. **Molecular Biology of Sex Steroid formation and action in breast cancer cell.** *Canadian Breast Cancer Research Initiative, Toronto, ON, Canada, September 1998.*
55. **Crucial role of interleukin-4 in sex steroid formation in breast and prostate cells.** *Breast and Prostate Cancer. University of Calgary, Calgary, AB, Canada, December 1998.*
56. **Génétique et épidémiologie moléculaire des cancers héréditaires du sein et de l'ovaire chez les Canadiennes françaises.** *Les Journées Scientifiques de l'IREP, Montreal, QC, Canada, January 1999.*
57. **Génétique et épidémiologie moléculaire des cancers héréditaires du sein et de l'ovaire: quel est l'impact des gènes *BRCA1* et *BRCA2* mutés chez les Canadiennes françaises?** *Colloque d'obstétrique-gynécologie, Université de Montréal, Montreal, QC, Canada, April 1999.*

58. **Crucial Role of Cytokines in Sex Steroid Synthesis in Breast Cancer Cells.** *Satellite Conference on Breast Cancer*, Ottawa, ON, Canada, July 1999.
59. **Heredity and Breast Cancer, *BRCA1* and 2.** *Médecine et Génétique: La double Hélice s'élève*, Collège Royal des médecins et chirurgiens du Canada, Montreal, QC, Canada, September 1999.
60. **Genetic Mutation in French Canadian Families.** *Pourquoi le «bogue» dans la santé du sein: Réseau québécois pour la santé du sein*, Montreal, QC, Canada, October 1999.
61. **Hérédité et Cancer du Sein.** *Semaine de la sensibilisation de la recherche en santé*, Quebec, QC, Canada, October 1999.
62. **Genetic and Endocrine Mechanisms as a Cause of Breast and Prostate Cancers.** *Symposium sur l'héritage scientifique du Conseil de recherches médicales du Canada*, Ottawa, ON, Canada, March 2000.
63. **Multiple signaling pathways involved cytokine-induced in transcriptional activation  $3\beta$ -hydroxysteroid dehydrogenases.** *International Workshop: Recent progress in research on  $17\beta$ -hydroxysteroid dehydrogenases: impact on medicine*, Elmau Castle, Germany, April 2000.
64. **Importance du DHEA dans la Production intracellulaire d'estrogènes et androgènes dans les tissus périphériques cibles: intracrinologie.** *T.H.S. et alternatives au traitement hormonal substitutif de la ménopause*, Marseille, France, April 2000.
65. **Génétique et épidémiologie moléculaire des cancers héréditaires du sein et de l'ovaire chez les Canadiennes françaises.** *Colloque: Écogénétique: interaction entre la génétique et l'environnement (ACFAS)*, Montreal, QC, Canada, May 2000.
66. **Génétique et épidémiologie moléculaire des cancers héréditaires du sein et de l'ovaire chez les Canadiennes françaises.** *Troisième Journées Génétiques (RMGA)*, Quebec, QC, Canada, May 2000.
67. **New insights into the molecular basis of  $3\beta$ -HSD deficiency.** *IXth Adrenal Cortex conference*, Toronto, ON, Canada, June 17-20, 2000.
68. **Génétique et épidémiologie moléculaire des cancers héréditaires du sein et de l'ovaire chez les Canadiennes françaises.** *De l'ADN à la communauté, Colloque sur la génétique communautaire*, Jonquière, QC, Canada, June 20-22, 2000.
69. **Multiple Signaling Pathways Mediate Interleukin-4-Induced Formation of Active Sex Steroids in Normal and Tumoral Target Tissues.** *14<sup>th</sup> International Symposium of the Journal of Steroid Biochemistry & Molecular Biology*, Quebec, QC, Canada, June 24-27, 2000.
70. **Crucial role of cytokines in sex steroid formation in normal and tumoral tissues.** *Conférence: Loeb Health Research Institute*, Ottawa, ON, Canada, September 18, 2000.
71. **Prédispositions génétiques: Quoi de neuf?** *Colloque Santé du Sein: Réseau Québécois pour la santé du sein*, Montreal, QC, Canada, October 7, 2000.
72. **La DHEA agit-elle comme un œstrogène.** *Cinquième journées européennes de la société française de gynécologie*, Paris, France, October 2000.
73. **A strong candidate prostate cancer predisposition gene at chromosome 17p.** *6<sup>th</sup> International symposium on GnRH analogues in cancer and human reproduction*, Geneva, Switzerland, February 8-11, 2001.
74. **Mécanismes d'action des cytokines dans la formation des stéroïdes sexuels dans les cellules de cancer du sein.** *Réunion scientifique de l'équipe de Physiopathologie Endocrinienne du centre de recherche clinique de Sherbrooke*, Lac-Brome, QC, Canada, March 26, 2001.
75. **Mise à jour sur les gènes de prédisposition aux cancers du sein, de l'ovaire et de la prostate.** *Hôpital Maisonneuve-Rosemont*, Montreal, QC, Canada, April 10, 2001.

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76. **Épidémiologie moléculaire de mutation dans *BRCA1* et *BRCA2* chez les familles Canadiennes françaises à hauts risques pour le cancer du sein et de l'ovaire.** *Reasons for Hope*, Quebec, QC, Canada, May 3-5, 2001.
  77. **Séance de travail sur l'interdisciplinarité et l'évaluation par les pairs.** *La fédération canadienne des sciences humaines et sociales et les instituts canadiens de recherche en santé*, Quebec, QC, Canada, May 29, 2001.
  78. **Novel prostate cancer susceptibility gene on 17p.** *Endo 2001*, Denver, Colorado, USA, June 20-23, 2001.
  79. **Advances and pitfalls in genetic screening for breast and prostate cancer susceptibilities.** *Biofuture 2001*, Toronto, ON, Canada, September 5-7, 2001.
  80. **Hereditary Susceptibility to Breast and Prostate Cancer.** *Partnership Group for Science & Engineering Symposium*, Ottawa, ON, Canada, October 17, 2001.
  81. **The French Canadian families.** *First Annual Meeting of the Interdisciplinary Health Research International Team on Breast Cancer Susceptibility*, Quebec, QC, Canada, October 29-30, 2001.
  82. **Genes responsible for sex steroid formation and inactivation a key candidates.** *First Annual Meeting of the Interdisciplinary Health Research International Team on Breast Cancer Susceptibility*, Quebec, QC, Canada, October 29-30, 2001.
  83. **Establishment of a close collaboration between Canada and European countries.** *First Annual Meeting of the Interdisciplinary Health Research International Team on Breast Cancer Susceptibility*, Quebec, QC, Canada, October 29-30, 2001.
  84. **Les enjeux éthiques de l'identification d'une prédisposition génétique au cancer du sein dans un contexte de recherche clinique intégrée.** *Séminaire d'experts de l'IREB*, Paris, France, December 12-13, 2001.
  85. **La généalogie appliquée à l'étude des prédispositions génétiques aux cancers du sein et de l'ovaire.** *Société de généalogie de Québec*, Quebec, QC, Canada, January 16, 2002.
  86. **Enjeux éthiques de la recherche clinique: historique et avenir appliqué à la génétique des cancers de l'ovaire et du sein.** *Journée de la recherche du Département d'obstétrique-gynécologie de la Faculté de Médecine de l'Université de Sherbrooke*, Sherbrooke, QC, Canada, February 1, 2002.
  87. **The impact of Patents in Genomics Research: The view from the laboratory floor.** *Genetics Patents, Insight Conference*, Ottawa, ON, Canada, February 19, 2002.
  88. **La génomique: impact sur la formation des futurs médecins.** *Journée de la Faculté de médecine*, Manoir Montmorency, Quebec, QC, Canada, February 28, 2002.
  89. **Fonction et régulation de l'expression des gènes de prédisposition au cancer du sein et de l'ovaire *BRCA1* et *BRCA2*.** *10<sup>e</sup> Réunion annuelle des biologistes de la reproduction*, Quebec, QC, Canada, March 11, 2002.
  90. **L'impact de la génomique dans l'étude des gènes de susceptibilité aux cancers du sein, de l'ovaire et de la prostate.** *Réunion scientifique du département de médecine*, CHUL, Quebec, QC, Canada, April 3, 2002.
  91. **The INterdisciplinary HEalth Research International Team on BREast CANcer susceptibility.** *Ontario Cancer Genetics Network*, Niagara-on-the-Lake, ON, Canada, April 16-17, 2002.
  92. **INHERIT BRCAs.** *Réunion des ACRS et EIRS*, Ottawa, ON, Canada, April 30-May 1, 2002.
  93. **Hérédité et cancer du sein: rôles et fonctions des gènes *BRCA1* et *BRCA2*.** *2<sup>e</sup> Réunion scientifique annuelle de l'AMGQ*, Quebec, QC, Canada, May 3, 2002.
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94. **Males with 17 $\beta$ -HSD Deficiency.** *First World Congress on Hormonal and Genetic Basis of Sexual Differentiation*, Tempe, Arizona, USA, May 18-19, 2002.
  95. **Table-ronde du RMGA et de l'IREB: Brevetabilité des gènes humains: recherche, droit, systèmes de santé et éthique.** *Quatrièmes journées génétiques 2002 du RMGA*, Montreal, QC, Canada, May 23-24, 2002.
  96. **L'impact de la génomique dans l'étude des gènes de susceptibilité aux cancers du sein, de l'ovaire et de la prostate.** *Journée de la recherche du Centre de recherche Guy-Bernier de l'hôpital Maisonneuve-Rosemont*, Montreal, QC, Canada, June 14, 2002.
  97. **Translating breast cancer research into policies and improved clinical services.** *Twenty-second annual meeting Association for Politics and the Life Sciences*, Montreal, QC, Canada, August 11-14, 2002.
  98. **Et la génétique dans tout cela?** *Colloque sur le cancer du sein, Réseau québécois pour la santé du sein*, Montmartre Canadien, Quebec, QC, Canada, October 5 2002.
  99. **Hormone Dependent Cancers.** *International Congress on Hormonal Steroids*, Fukuoka City, Japan, October 21-25, 2002.
  100. **The Cancer Genomics Laboratory's Information Management System: An Essential Bioinformatic Tool for the INHERIT BRCA's Program.** *Joint Conference on Inherited Susceptibility to Breast and Ovarian Cancers. Second Annual INHERIT BRCA's Meeting & First National Hereditary Cancer Task Force*. Quebec, QC, Canada, November 24-26, 2002.
  101. **Génétique du cancer du sein et du colon.** *Journées chirurgicales de l'Université Laval*, Quebec, QC, Canada, November 1-2, 2002.
  102. **Breast and Prostate Cancer Susceptibility Genes: Lessons Learned and Challenges Posed.** *Oncology Grand Rounds*, London, ON, Canada, December 10, 2002.
  103. **The Impact of Patents in Genomics Research: The View From the Laboratory Floor.** *Genetics, Intellectual Property, Innovation and Health Care Workshop*, Ottawa, ON, Canada, January 14-15, 2003.
  104. **Génomique: enjeux cliniques, psychosociaux et éthique.** *Congrès 2003 Médicament, Pharmacie & Société*, Centre des congrès de Québec, Quebec, QC, Canada, January 23-25, 2003.
  105. **La recherche communautaire sur la génétique du cancer du sein.** *Assemblée annuelle 2003 de L'Association des facultés de médecine du Canada*, Quebec, QC, Canada, April 26-29, 2003.
  106. **Épidémiologie moléculaire des mutations *BRCA1* et *BRCA2* chez plus de 200 familles canadiennes-françaises à risque élevé.** *Journée de la recherche de la faculté de médecine de l'Université Laval*, Quebec, QC, Canada, May 8, 2003.
  107. **Hérédité et cancer du sein: Réalisations et défis.** *Symposium en mammographie*, Centre hospitalier régional de Rimouski, Rimouski, QC, Canada, September 27-28, 2003.
  108. **Interdisciplinarity in gender and health research.** *2<sup>nd</sup> Annual National Workshop for Graduate Students, Postdoctoral Fellows & New Investigators in Gender & Health Research*, University of Alberta, Edmonton, AB, Canada, October 21-22, 2003.
  109. **Projet INHERIT BRCA's, Interdisciplinary in Genetic Research.** *Federal, provincial and territorial planning committee on genetics*, Quebec, QC, Canada, March 5, 2004.
  110. **Génomique, protéomique et bioinformatique: Stratégies pour accélérer les applications cliniques.** *Retraite scientifique du Centre de Recherche du CHU Mère-Enfant*, Centre de Recherche de l'Hôpital Ste-Justine, Montreal, QC, Canada, April 17, 2004.
  111. **The State of the Science in cancer genomics.** *Population Genomics: Science and Policy. Canada-European Union Thematic Workshop on Genomics for Health Applications*. Ottawa, ON, Canada, June 22-23, 2004.
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112. **Hérédité et cancer du sein: Réalisations et défis.** 6<sup>e</sup> Colloque du RQSS – Réseau québécois pour la santé du sein, Montreal, QC, Canada, October 2, 2004.
  113. **Familial Breast/Ovarian Cancer in the French Canadian Founder Population.** *Oncogenetics: Achievements and Challenges.* 17<sup>èmes</sup> Entretiens du Centre Jacques-Cartier, Montreal, QC, Canada, October 7-8, 2004.
  114. **Genetic and Hormonal Risk Factors of Breast and Prostate Cancers: Issues and Challenges.** 2004 CDA/CSEM Professional Conference and Annual Meetings, Quebec, QC, Canada, October 27-30, 2004.
  115. **Le retour des résultats.** Colloque Éthique et génétique: nouveaux défis de L'institut International de Recherche en Éthique Biomédicale IIREB, Quebec, QC, Canada, November 18, 2004.
  116. **INHERIT BRCA's: Réalisations et défis.** 6<sup>ème</sup> Conférence Claude Fortier, Département d'anatomie et de physiologie, Université Laval, Quebec, QC, Canada, November 22, 2004.
  117. **Les enjeux du partage des résultats de recherche: L'expérience d'INHERIT BRCA's.** *Symposium GE<sup>3</sup>DS: La recherche en génétique et en génomique: droits et responsabilités*, Montreal, QC, Canada, December 2-3, 2004.
  118. **L'accès à l'information. Conférence citoyenne sur le génome: Et l'homme créa la génomique.** *Forum citoyen sur le génome, Centre des sciences de Montréal*, Montreal, QC, Canada, February 5-6, 2005.
  119. **Genetic Susceptibility to Breast and Prostate Cancer: Lessons Learned and Challenges Posed.** *Reproductive Biology Seminar Series*, Dallas, USA, March 1, 2005.
  120. **Susceptibilité aux cancers du sein et de l'ovaire: Interactions des facteurs de risque génétiques, hormonaux et environnementaux.** *Journées CREMO 2005, Centre de Recherche en Endocrinologie Moléculaire et Oncologique de l'Université Laval*, Lac-Beauport, QC, Canada, April 11-12, 2005.
  121. **Interdisciplinary Health Research Team on Breast Cancer susceptibility: INHERIT BRCA's pour les professionnels(elles) de la santé.** *Courtage en ligne: échange des données de recherche en santé sur l'Internet, Faculté de droit, Université de Montréal*, Montreal, QC, Canada, April 13, 2005.
  122. **Familial Breast Cancer Risk: Assessment, Communication and Management.** *Breast and Colon Cancer Family Registry Biannual Meeting*, Washington, Montreal, December 2-7, 2005.
  123. **Les enjeux des tests de prédisposition génétique au cancer du sein et de l'ovaire: L'expérience de l'équipe interdisciplinaire INHERIT BRCA's.** *Activité de formation continue du Comité d'éthique de la recherche, Hôtel-Dieu de Lévis, Centre Hospitalier affilié universitaire*, Lévis, QC, Canada, February 22, 2006.
  124. **L'expérience de l'équipe interdisciplinaire INHERIT BRCA's en oncogénétique.** *La génétique humaine au Québec – Qui fait quoi? 6<sup>èmes</sup> Journées Génétiques*, RMGA, Montreal, QC, Canada, May 1-2, 2006.
  125. **Evaluation of BRCA1 and BRCA2 mutation prevalence, risk prediction models and multi-step testing approach in French-Canadian high-risk breast and/or ovarian cancer families.** *Five Year Celebration, Institute of Gender and Health, CIHR-Canadian Institutes of Health Research*, Alberta, ON, Canada, May 11, 2006.
  126. **Interdisciplinary Health Research International Team on Breast Cancer Susceptibility INHERIT II – Breast,** *Ontario Cancer Genetics Network, 2006 Scientific Workshop*, Toronto, ON, Canada, June 19-20, 2006.
  127. **Pertinence de l'histoire familiale : Le cancer du sein familial comme un prototype.** *Les défis de l'intégration du savoir en génomique. Symposium Génome Québec*, Montreal, QC, Canada, November 7-8, 2006.

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128. **Le «réseau» des CÉR. Avons-nous dépassé la virtualité?** 3<sup>e</sup> Édition, *Journées d'étude des comités d'éthique de la recherche et de leurs partenaires. Unité de l'éthique, Ministère de la Santé et des Services sociaux*. Montreal, QC, Canada, November 22-23, 2006.
  129. **Identification, évaluation et prise en charge clinique d'une prédisposition génétique au cancer du sein et de l'ovaire: L'expérience d'INHERIT BRCA.** *Ministère de la santé et des services sociaux*, Quebec, QC, Canada, January 25, 2007.
  130. **Identification, évaluation et prise en charge clinique d'une prédisposition génétique au cancer du sein et de l'ovaire : l'expérience d'INHERIT BRCA.** 75<sup>e</sup> Congrès de l'ACFAS. Université du Québec à Trois-Rivières, QC, Canada, May 7-11, 2007.
  131. **Evaluation of *BRCA1* and *BRCA2* mutation prevalence, risk prediction models and a multi-step testing approach in French-Canadian families with high risk of breast and ovarian cancer.** *BRCA : New Frontiers in research and Practice, 2<sup>nd</sup> International Symposium on Hereditary Breast and Ovarian Cancer*, Montreal, QC, Canada, October 17-19, 2007.
  132. **Le cancer du sein héréditaire au Québec-Les avancées en clinique et recherche.** *Association des Médecins Généticiens du Québec : 7<sup>e</sup> réunion scientifique annuelle*, Montreal, QC, Canada, December 5-6, 2007.
  133. **Identification, évaluation et prise en charge clinique d'une prédisposition génétique au cancer du sein et de l'ovaire: L'expérience d'INHERIT BRCA.** *Clinique des maladies du sein*, Hôpital St-Sacrement, Quebec, QC, Canada, May 7, 2008.
  134. **Axe Oncogénétique : Prédiction, communication et prise en charge clinique du risque de cancer.** 7<sup>ième</sup> Journée Génétique, Réseau de Médecine Génétique Appliquée (RMGA), Quebec, QC, Canada, May 14-16, 2008.
  135. **Hérédité et cancer du sein : l'expérience de l'équipe INHERIT BRCA.** 10<sup>ième</sup> Journée Annuelle de Recherche de la Faculté de Médecine de l'Université Laval, Quebec, QC, Canada, May 27, 2008.
  136. **Canada : Your global partner in cancer research innovation.** *BIO International Convention (BIO 2008)*, San Diego, CA, Montreal, June 15-19, 2008.
  137. **Role of Heredity in Breast Cancer.** *International Congress on Hormonal Steroids and Hormones & Cancer*, Quebec, QC, Canada, September 27-30, 2008.
  138. **Genomic risk profiles: A tool for cancer prevention? The INHERIT BRCA experience.** *Forum scientifique 2008 de Santé Canada*, Ottawa, ON, Canada, October 9-10, 2008.
  139. **Genomic risk profiles: A tool for breast cancer prevention.** *Génome Québec multidisciplinary mini-symposium*, Montreal, QC, Canada, November 7, 2008.
  140. **Réflexions de chercheurs sur l'éthique comme dimension intégrante d'une recherche de qualité.** *L'éthique de la recherche est-elle dans une impasse?* Centre de recherche en droit public, Université de Montréal, Montreal, QC, Canada, March 12, 2009.
  141. **CIHR Team in familial risks of breast cancer.** *ApogéeNet-CanGèneTest Scientific Meeting*, Montreal, QC, Canada, March 16, 2009.
  142. **Breast cancer risk in *BRCA1* mutation carriers is influenced by *BRCA1* wild-type allele variants: Genetic and functional analyses.** *Consortium of Investigators of Modifiers of *BRCA1/2* (CIMBA)*, Amsterdam, The Netherlands, May 15-16, 2009.
  143. **INHERIT Cohort.** *International *BRCA1/2* Carrier Cohort Study (IBCCS)*, Amsterdam, The Netherlands, May 16, 2009.
  144. ***BRCA1* and *BRCA2*: Past, Present and Future.** *3rd International Symposium on Hereditary Breast and Ovarian Cancer*, Montreal, QC, Canada, October 14-16, 2009.
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145. **Breast cancer risk in *BRCA1* mutation carriers is influenced by *BRCA1* wild-type allele variants: Genetic and functional analyses.** Presentations on the status of previous studies and publication plans (session 2). *Consortium of Investigators of Modifiers of BRCA1/2 (CIMBA)*, New York, USA, October 26, 2009.
146. **17 $\beta$ -Hydroxysteroid Dehydrogenases. Results of analysis of Phase VII CIMBA SNPs** (session 4). *Consortium of Investigators of Modifiers of BRCA1/2 (CIMBA)*, New York, USA, October 26, 2009.
147. **L'expérience de notre équipe inter-disciplinaire sur la susceptibilité au cancer du sein.** *Café scientifique des IRSC : les bio-banques et leur rôle dans l'avancement de la recherche sur le cancer*, Quebec, QC, Canada, November 2, 2009.
148. **Status of CIMBA genotyping centralization in Québec City.** *Consortium of Investigators of Modifiers of BRCA1/2 (CIMBA)*, Cambridge, United Kingdom, April 30, 2010.
149. **BRCA1 wild-type allele variants and Cancer Risk in *BRCA1* mutation carriers: Genetic and functional analyses.** *Consortium of Investigators of Modifiers of BRCA1/2 (CIMBA)*, Cambridge, United Kingdom, April 30, 2010.
150. **17 $\beta$ -Hydroxysteroid Dehydrogenases Types 1 and 2. Results of analysis of Phase VII CIMBA SNPs.** *Consortium of Investigators of Modifiers of BRCA1/2 (CIMBA)*, Cambridge, United Kingdom, April 30, 2010.
151. **Utilisation secondaire: le point de vue d'un chercheur membre du RMGA.** *78<sup>e</sup> Congrès de l'Association francophone pour le savoir (Acfas)*, Montreal, QC, Canada, May 10, 2010.
152. **Identification, évaluation, et communication des facteurs de risque du cancer du sein.** "*CIHR Team in Familial Risks of Breast Cancer*", Centre hospitalier affilié universitaire de Québec (CHA), Quebec, QC, Canada, June 4, 2010.
153. **Analysis of 17BHSD type I and II – Validation of previous study,** *Consortium of Investigators of Modifiers of BRCA1/2 (CIMBA)*, Riva del Garda, Italy, September 23-24, 2010.
154. **Gene-Environment Interactions in Postmenopausal Breast Cancer: A Case-control Study,** *Breast Cancer Association Consortium (BCAC)*, 11<sup>th</sup> Meeting, Riva del Garda, Italy, September 20-21, 2010.
155. **Identification, prédiction et communication du risque du cancer du sein.** *Séminaire thématique "Cancers, mutations et pharmacogénétique"*, CHUQ/HDQ, Quebec, QC, Canada, October 14, 2010.
156. **Identification, Prediction and Communication of Familial Risks of Breast Cancer.** *Hereditary Breast and Ovarian Cancer Society of Alberta - Hereditary Breast and Ovarian Cancer Society of Alberta Fall Conference*, Edmonton, AB, Canada, November 6, 2010.
157. **Instaurer un dialogue entre CÉR et chercheurs : comment mieux intégrer l'éthique dans la recherche?** *5<sup>e</sup> Édition journées d'étude des Comité d'Éthique de la recherche et de leurs partenaires*, Ministère de la Santé et des Services Sociaux, Montreal, QC, Canada, November 18-19, 2010.
158. **Characterization of Functional Regulatory SNPs in Multiple Pathways: DNA repair, Sex steroid synthesis and action, *BRCA1/2* Interactors.** *2011 Annual Meeting - CIHR Team in Familial Risks of Breast Cancer*, Quebec, QC, Canada, March 21-22, 2011.
159. **Le risque familial de cancer du sein: Qu'en savons-nous?** *Colloque annuel du Centre de recherche Biomédicales (BioMed)*, Université du Québec à Montréal (UQAM), Montreal, QC, Canada, April 27, 2011.
160. **Identification, prédiction et communication du risque du cancer du sein : un prototype de recherche interdisciplinaire pour des soins de santé personnalisés.** *79<sup>e</sup> Congrès de l'ACFAS – Transdisciplinarité et Génétique Humaine, Passer du défi à l'objectif*, Université de Sherbrooke, Sherbrooke, QC, Canada, May 11, 2011.

161. **Governance of CIMBA. Consortium of Investigators of Modifiers of BRCA1/2 (CIMBA) 10<sup>th</sup> Meeting.** Karolinska Institute, Stockholm, Sweden, June 18-19, 2011.
162. **Café Scientifique des IRSC “Vivre avec le cancer, survivre aux traitements et à la maladie” / CIHR Café Scientifique “Cancer: Living with it, through it, and beyond it”.** Librairie Indigo, Montreal, QC, Canada, October 27, 2011.
163. **Can knowing your familial risks save your life? Deciphering inherited susceptibility to breast cancer using genomics risk profiling.** Institut du cancer des IRSC/CIHR Institute of Cancer Research Journalist Workshop, Montreal, QC, Canada, October 28, 2011.
164. **Identification, prédiction et communication du risque de cancer du sein : un prototype de recherche interdisciplinaire pour des soins de santé personnalisés. 15<sup>e</sup> Congrès annuel de l'AQIIRC (Association québécoise des infirmières et infirmiers en recherche clinique),** Quebec, QC, Canada, April 19-20, 2012.
165. **Génomique du cancer du sein: de la découverte à la clinique Cinquième colloque annuel de biotechnologie - Les sciences omiques - Santé, environnement et société,** Centre de recherche en biovalorisation, Institut des sciences de la santé et de la vie, La Cité Collégiale, Ottawa, ON, Canada, March 21, 2013.
166. **Personalised Risk Stratification for Prevention and Early Detection of Breast Cancer. GAME-ON (Genetic Associations and Mechanisms in Oncology): Seventh Plenary Meeting,** Bethesda, Md., USA, July 25-26, 2013.
167. **Personalised Risk Stratification: Towards the Integration of Genetic Modifiers. Hereditary Breast and Ovarian Cancer Society (HBOC) 2013 Conference – Our Genes Conference & Annual General Meeting,** Edmonton, AB, Canada, September 21, 2013.
168. **Personalised Risk Stratification for Prevention and Early Detection of Breast Cancer / Stratification du risque pour la prévention et la détection précoce du cancer du sein. Colloque sur la médecine personnalisée: Parce que les solutions sont dans nos gènes,** Quebec, QC, Canada, October 1, 2013.
169. **Café scientifique des IRSC – Science en vrac. On y prend goût! Cancer du sein: Quel rôle joue l'âge de la patiente?** Le Cercle, Quebec, QC, Canada, October 8, 2013.
170. **Bar des sciences de l'UQAM/IRSC – Débat public sur la médecine personnalisée. Coeur des sciences de l'UQAM,** animé par la journaliste scientifique Valérie Borde, Montreal, QC, Canada, October 9, 2013.
171. **Towards a Comprehensive Understanding of the Inherited Genetic Susceptibility to Breast Cancer. 2013 Canadian Cancer Research Conference (CCRC) Symposium: Hereditary Cancers: New Ways to Prevent Cancer Deaths,** Toronto, ON, Canada, November 5, 2013.
172. **Cancer Genomics: Access to Genetic Information by Life Insurers. 2013 Canadian Cancer Research Conference (CCRC),** Toronto, ON, Canada, November 6, 2013.
173. **Risk Factors and Risk Stratification. Canadian Breast Cancer Research Collaborative Satellite Meeting – The CBCRC: Going After the Grand Challenges in Breast Cancer,** Toronto, ON, Canada, November 6, 2013.
174. **Towards a Comprehensive Understanding of the Inherited Genetic Susceptibility to Breast Cancer. Rendez-Vous Génome Québec 2013 / Montreal NGS Symposium.** Montreal, QC, Canada, November 14, 2013.
175. **Hérédité et cancer du sein 1996-2016 : une approche interdisciplinaire - Centre R.O.S.E.,** Quebec, QC, Canada, November 18, 2013.
176. **Les Rencontres science et société de Québec de l'Université Laval, en collaboration avec le Musée de la Civilisation de Québec. Débat public : La médecine du futur sera-t-elle génomique? Café scientifique,** Musée de la civilisation. Quebec, QC, Canada, November 28, 2013.

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177. **SNPs in genes involved in steroid hormone biosynthesis/metabolism and breast and ovarian cancer risk in *BRCA1* and *BRCA2* mutation carriers.** *Réunion du consortium CIMBA*, Sorrento, Italy, December 13, 2013.
  178. **Functional regulatory SNPs in candidate genes and modification of breast and ovarian cancer risk in *BRCA1* and *BRCA2* mutation carriers.** *Réunion du consortium CIMBA*, Sorrento, Italy, December 13, 2013.
  179. **Functional regulatory SNPs in candidate genes and breast cancer risk.** *Réunion du consortium BCAC* - Sorrento, Italy, December 10, 2013.
  180. **Panel : Opportunités et défis : points de vue des chercheurs québécois ayant intégré des réseaux européens** de la journée d'information **Passeport pour le partenariat – Lier le Québec et l'Europe en recherche et innovation**, *Direction des collaborations internationales du Ministère de l'Enseignement supérieur, de la Recherche, de la Science et de la Technologie (MESRST), en collaboration avec ERA-CAN +*, Montreal, QC, Canada, January 31, 2014.
  181. **Hérédité et cancer du sein : de la découverte à la clinique.** *Congrès biomédical Université du Québec à Trois-Rivières (UQTR) 2014*. Trois-Rivières, QC, Canada, March 27, 2014.
  182. **Stratification personnalisée des risques pour la prévention et la détection précoce du cancer du sein.** *Sommet du Regroupement en soins de santé personnalisés au Québec*, Montreal, QC, Canada, June 5, 2014.
  183. **Personalised Risk Stratification for Prevention and Early Detection of Breast Cancer.** *Illumina User Group Meeting*, Montreal, QC, Canada, September 9, 2014.
  184. **Towards a Comprehensive Understanding of the Inherited Genetic Susceptibility to Breast Cancer.** *Hereditary Cancer Science Day*, University of Alberta, Edmonton, AB, Canada, October 3, 2014.
  185. **La formation des chercheurs et du personnel de recherche : comment améliorer la qualité de leur formation en éthique? 5<sup>e</sup> Colloque sur l'éthique de la recherche et l'intégrité scientifique**, Montreal, QC, Canada, November 6-7, 2014.
  186. **Stratification personnalisée des risques pour la prévention et la détection précoce du cancer du sein : PERSPECTIVE / Personalised Risk Stratification for Prevention and Early Detection of Breast Cancer: PERSPECTIVE.** *“Développement et mise en pratique de solutions novatrices en médecine personnalisée en oncologie : leçons apprises sur le terrain*, Montreal, QC, Canada, March 27, 2015.
  187. **Risk stratification for prevention and early detection of breast cancer.** In Predictive Modelling and Applied Personalized Medicine Session (April 21, 2015), in the 4<sup>th</sup> *Annual Canadian Human and Statistical Genetics Meeting*, Vancouver, BC, Canada, April 18-21, 2015.
  188. **Accessibilité aux biobanques internationales et gestion du partage des données dans le cadre du projet PERSPECTIVE.** *Journée d'échange et d'information - La recherche avec les êtres humains : pérenniser les données et le matériel*, Université Laval, Quebec, QC, Canada, April 23, 2015.
  189. **Mieux se soigner à partir de notre génome.** *La recherche d'aujourd'hui, le Québec de demain.* Présentation scientifique devant les députés de l'Assemblée nationale du Québec, Assemblée nationale du Québec, Quebec, QC, Canada, April 30, 2015.
  190. **Bar des sciences sur les soins de santé personnalisés - 24 heures de sciences 2015.** Activité organisée par la *Commission de l'éthique en science et en technologie Québec*, Quebec, QC, Canada, May 8, 2015.
  191. **Deciphering Inherited Susceptibility to Breast Cancer: Personalized Risk Stratification for Prevention and Early Detection.** *Rethink Breast Cancer High Risk Forum*, Toronto, ON, Canada, May 19, 2015.
  192. **Personalised Risk Stratification for Prevention and Early Detection of Breast Cancer (PERSPECTIVE).** *18<sup>th</sup> meeting of the Breast Cancer Association Consortium (BCAC)*, Porto, Portugal, June 3-6, 2015.
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193. **Functional regulatory SNPs in candidate genes and modification of breast and ovarian cancer risk in *BRCA1/2* mutation carriers.** *16<sup>th</sup> meeting of the Consortium of Investigators of Modifiers of BRCA1/2 (CIMBA)*, Porto, Portugal, June 8-9, 2015.
194. **Towards a comprehensive understanding of the inherited genetic susceptibility to breast cancer for personalized risk stratification / Vers une compréhension globale de la susceptibilité génétique au cancer du sein pour la stratification du risque personnalisé.** *6<sup>th</sup> International Congress of the International and Interdisciplinary Association on the Pharmaceutical Life Cycle (IIAPC) "Médecine personnalisée et enjeux interdisciplinaires"*, Montreal, QC, Canada, August 19-21, 2015.
195. **Stratification du risque pour améliorer la prévention et la détection précoce du cancer du sein (PERSPECTIVE).** *Ministère de la Santé et des Services sociaux, Direction québécoise de cancérologie*, Quebec, QC, Canada, October 14, 2015.
196. **Personalized Risk Stratification for Prevention and Early Detection of Breast Cancer (PERSPECTIVE) project.** *CBCSN (Canadian Breast Cancer Screening Network) meeting*, by Webinar, Calgary, AB, Canada, October 22, 2015.
197. **Prévention et santé des femmes : Optimiser le dépistage précoce du cancer du sein pour plus d'efficience dans le système de santé.** *Genomics on the Hill 2016, Colline parlementaire, (organisé par Génome Canada)*, Ottawa, ON, Canada, February 22, 2016.
198. **Stratification du risque pour la prévention et le diagnostic précoce en cancer.** Dans la section "L'intégration des "-omiques" en médecine : vers une médecine de précision". *7<sup>e</sup> Journée des professeurs du Département de médecine*, Québec, QC, Canada, March 31, 2016.
199. **Cancer du sein et médecine personnalisée : je m'informe!** *Carrefour santé personnalisée (conférence publique). Panel sur le cancer du sein du Forum grand public sur la médecine personnalisée, (organisé par Génome Québec), dans le cadre du CISSP/ICPHC (Congrès International sur la Santé Personnalisée/International Congress on Personalized Health Care)*, Montréal, QC, Canada, June 13, 2016.
200. **Personalized Risk Stratification for Prevention and Early Detection of Breast Cancer (PERSPECTIVE).** *1st International Conference on Personalized Health Care*, Montréal, QC, Canada, June 15, 2016.
201. **The potential for Risk Stratification to Tailor Recommendations for Breast Cancer Screening.** *Canadian Partnership Against Cancer (CPAC) "Trends in Cancer Screening in Canada: Future Opportunities!"*, Toronto, ON, Canada, June 23, 2016.
202. **L'ADN à l'Assemblée Nationale.** Scientific presentation by Dre Jocelyne Chiquette and Ms Joanne Castonguay, on behalf of Dr Jacques Simard, of the poster "*Le cancer du sein au Canada*" organized by Génome Québec at the "*Assemblée Nationale du Québec*", October 19, 2016.
203. **Personalised Risk Stratification for Prevention and Early Detection of Breast Cancer (PERSPECTIVE).** *HEBON Meeting*, Utrecht, The Netherlands, November 10, 2016.
204. **Évaluation personnalisée des risques pour améliorer la prévention et la détection précoce du cancer du sein.** *1<sup>er</sup> Symposium – Risque de Cancer Héritaire*, conference to the lay public, Québec, QC, Canada, November 24, 2017.
205. **Évaluation personnalisée des risques pour améliorer la prévention et la détection précoce du cancer du sein.** *1<sup>er</sup> Symposium – Risque de Cancer Héritaire*, conference to health professionals, Québec, QC, Canada, November 24, 2017.
206. **Personalized Risk Assessment for Prevention and Early Detection of Breast Cancer.** *Scientific meeting with the Scientific Advisory Board of Q-CROC*, Québec, QC, Canada, December 18, 2017.

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207. **Personalized Risk Assessment for Prevention and Early Detection of Breast Cancer: Integration and Implementation.** *Genome Canada Science Symposium for the Science and Industry Advisory Committee*, Montreal, QC, Canada, February 7, 2018.
  208. **La génomique : un dépistage personnalisé du cancer du sein.** 12<sup>ième</sup> édition - Souper Bénéfice de la Jonquille. *Société Canadienne du Cancer*, Québec, QC, Canada, April 17, 2018.
  209. **Personalized Risk Assessment for Prevention and Early Detection of Breast Cancer.** *Rendez-Vous Génome Québec*, Québec, QC, Canada, April 22, 2018.
  210. **Regroupement stratégique 3. Génomique intégrée de nouvelle génération: Vision et renouvellement.** 12<sup>ième</sup> Journées génétiques du RMGA, Montréal, QC, Canada, April 30-May 1, 2018.
  211. **Oncogénétique, avancée scientifique et médecine personnalisée.** *Le Forum 2018 – Fondation du Cancer du Sein du Québec*, Montréal, QC, Canada, May 5, 2018.
  212. **Un Dépistage Personnalisé du Cancer du Sein: La Génomique à votre Service.** *Pint of Science 2018*, Québec, QC, Canada, May 15, 2018.
  213. **Personalized Risk Assessment for Prevention and Early Detection of Breast Cancer: Lessons Learned and Challenges Posed.** *Illumina User Group Meeting*, Montréal, QC, Canada, May 22, 2018.
  214. **Plans for exome sequencing (PERSPECTIVE/BRIDGES).** *Breast Cancer Association Consortium (BCAC)*, Edinburgh, Scotland, June 12, 2018.
  215. **Implementation in PERSPECTIVE.** *Inaugural Joint BCAC / ENIGMA / CIMBA Meeting*, Edinburgh, Scotland, June 14, 2018.
  216. **Personalized Risk Assessment for Prevention and Early Detection of Breast Cancer: Integration and Implementation.** 2<sup>nd</sup> *International Congress on Personalized Health Care (ICPHC) 2018*. Montréal, QC, Canada, September 23 – 26, 2018.
  217. **Personalized Risk Assessment for Prevention and Early Detection of Breast Cancer: Integration and Implementation.** *Canadian Science Policy Conference (CSPC)*. “Mitigating disruption: integrating social, ethical and policy research into the development of disruptive genomic technologies.” Ottawa, Ontario, Canada, November 8, 2018.
  218. **Personalized Risk Stratification for Prevention and Early Detection of Breast Cancer: Integration and Implementation.** *European Alliance for Personalized Medicine (EAPM) Congress*. “Forward as One: Integrating Innovation into Europe’s Healthcare Systems.” Milan, Italy, November 26-28, 2018.
  219. **Personalized Risk Assessment for Prevention and Early Detection of Breast Cancer: Integration & Implementation.** *Canadian Partnership Against Cancer (CPAC) Board Member and Stakeholder Reception*. Montreal, Quebec, February 27, 2019.
  220. **Évaluation personnalisée des risques pour la prévention et le dépistage précoce du cancer du sein : Integration et Implementation.** 10<sup>e</sup> conférence annuelle pour vaincre le cancer : Coalition Priorité Cancer au Québec, Longueuil-Montréal, Québec, February 28, 2019.
  221. **Personalized Risk Assessment for Prevention and Early Detection of Breast Cancer: Integration & Implementation.** *Future of Individualized Medicine Conference*. La Jolla, California, USA, March 14 & 15, 2019.
  222. **Évaluation personnalisée des risques pour la prévention et le dépistage précoce du cancer du sein : Integration et Implementation.** *Journée Érudition Recherche*. Department of Family Medicine and Emergency Medicine. Faculty of Medicine, Université Laval, Québec City, QC, May 17, 2019.
  223. **Personalized Risk Assessment for Prevention and Early Detection of Breast Cancer.** *City of Hope Comprehensive Cancer Center Seminar*. Duarte, California, USA, May 22, 2019.

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224. **Where are we with our ability to predict risk for mutation carriers and ER-disease?** *Athena/WISDOM Spring Retreat*. San Francisco, California, USA, May 23, 2019.
225. **Hérédité et cancer du sein : 25 ans d'Histoire.** *Journées de la recherche 2019 du CHU de Québec – Université Laval*, Québec City, QC, May 30 & 31, 2019.
226. **Personalized Risk Assessment for Prevention and Early Detection of Breast Cancer: Integration & Implementation.** *ENVISION Network: European Conference on Risk-Stratified Prevention and Early Detection of Breast Cancer*, Hall in Tirol, Austria, June 26-28, 2019.
227. **Un score de risque polygénique pour la prédiction précoce des personnes à risque élevé de cancer du sein.** *Le score de risque polygénique : Une percée de la médecine personnalisée pour améliorer la prévention et le traitement des maladies chroniques. Innove-Action 2019.* Centre Hospitalier Universitaire de Montréal (CHUM), Montréal, Québec, Canada, November 19-21, 2019.
228. **Un test de salive peut-il prédire le risque de cancer du sein?** *Congrès annuel de l'Association québécoise des infirmières et intervenants en recherche clinique (AQIIRC).* Presented conjointly with Dr. Jocelyne Chiquette. Virtual format. Québec, QC, Canada, October 1-2, 2020.
229. **Évaluation personnalisée des risques pour la prévention et le dépistage précoce du cancer du sein : Intégration et Mise en Œuvre.** *Forum de la Recherche en Cancérologie – Cancéropôle CLARA.* Virtual format. Lyon, France, March 29 to April 2, 2021.
230. **Personalized Risk Assessment for Prevention and Early Detection of Breast Cancer: Integration and Implementation (PERSPECTIVE I&I).** *Symposium BRCA 2021. Virtual Edition.* Montreal, QC, Canada, May 4 to 7, 2021.
231. **Exploring the Impact of Screening on Populations that are Higher-Risk.** *Best Brains Exchange hosted by CIHR and the Public Health Agency of Canada: Identifying and Addressing Research Gaps in Breast Cancer Screening: Working towards Improved Breast Health for Canadians.* (Virtual format) Ottawa, Ontario, Canada, June 23, 2021.
232. **Personalized Risk Assessment for Prevention and Early Detection of Breast Cancer: Integration and Implementation (PERSPECTIVE I&I)2021 Hereditary Cancer Program Rounds.** (Virtual format) Abbotsford, BC, Canada, September 10, 2021.
233. **Cancer du sein et génétique – nouveautés 2021.** *Risque héréditaire de cancer : mise à jour 2021.* Presented conjointly with Dr. Jocelyne Chiquette. Québec, QC, Canada. October 1, 2021.
234. **Risk based approaches to breast cancer screening.** *Canadian Breast Cancer Screening Network: Canadian Partnership Against Cancer.* Presented conjointly with Dr. Anna Chiarelli (Virtual format) Ottawa, Ontario, Canada. October 25, 2022.
235. **Genetic and non-genetic factors in risk assessment and prevention.** *Gynecologic Cancer Prevention: Thinking Big, Thinking Differently.* BC Cancer : Vancouver Cancer Institute. Presented conjointly with Drs. Nora Pashayan and Leigh Pearce (virtual format). Vancouver, BC, Canada. November 26, 2022.



## ARTICLES IN PEER REVIEWED JOURNALS

**MECHANISMS UNDERLYING THE ACTION, SYNTHESIS AND INACTIVATION OF STEROID HORMONES**

1. **Simard J, Labrie F (1985) Keoxifene shows pure antiestrogenic activity in pituitary gonadotrophs.** *Molecular and Cellular Endocrinology*, 39: 141-144.
2. **Heisler, S, Simard J, Assayag E, Mehri Y, Labrie F (1986) Atrial natriuretic factor does not affect basal, forskolin- and CRF-stimulated adenylate cyclase activity, cAMP formation or ACTH secretion, but does stimulate cGMP synthesis in anterior pituitary.** *Molecular and Cellular Endocrinology*, 44: 125-131.
3. **Simard J, Hubert JF, Hosseinzadeh T, Labrie F (1986) Stimulation of growth hormone release and synthesis by estrogens in rat anterior pituitary cells in culture.** *Endocrinology* 119: 2004-2011.
4. **Simard J, Hubert JF, Labrie F, Israel-Assayag E, Heisler S (1986) Atrial natriuretic factor-induced cGMP accumulation in rat anterior pituitary cells in culture is not coupled to hormonal secretion.** *Regulatory Peptides*, 15: 269-278.
5. **Simard J, Labrie F (1986) Characteristics of the desensitization of growth hormone and cyclic AMP responses to growth hormone-releasing factor and prostaglandin E2 in rat anterior pituitary cells in culture.** *Molecular and Cellular Endocrinology* 46: 79-89.
6. **Simard J, Labrie F, Gossard F (1986) Regulation of growth hormone mRNA and pro-opiomelanocortin mRNA levels by cyclic AMP in rat anterior pituitary cells in culture.** *DNA*, 5: 263-270.
7. **Simard J, Luthy I, Guay J, Bélanger A, Labrie F (1986) Characteristics of interaction of the antiandrogen flutamide with the androgen receptor in various target tissues.** *Molecular and Cellular Endocrinology*, 44: 261-270.
8. **Labrie F, Dupont A, Bélanger A, Emond J, Monfette G, Luthy I, Simard J, Lachance R (1987) Flutamide in combination with castration (surgical or medical) is the standard treatment in advanced prostate cancer.** *Journal of Drug Development*, 1: 34-51.
9. **Simard J, Labrie F (1987) Adrenal C19-5-ene steroids induce full estrogenic responses in rat pituitary gonadotrophs.** *Journal of Steroid Biochemistry*, 26: 539-546.
10. **Simard J, Lefèvre G, Labrie F (1987) Somatostatin prevents the desensitizing action of growth hormone-releasing factor on growth hormone release.** *Peptides*, 8: 199-205.
11. **Hubert JF, Simard J, Gagné B, Barden N, Labrie F (1988) Effect of luteinizing hormone-releasing hormone (LHRH) and [D-Trp<sup>6</sup>, des-Gly-NH<sub>2</sub><sup>10</sup>] LHRH ethylamide on  $\alpha$ -subunit and LH $\beta$  messenger ribonucleic acid levels in rat anterior pituitary cells in culture.** *Molecular Endocrinology*, 2: 521-527.
12. **Pelletier G, Labrie C, Simard J, Duval M, Martinoli MG, Zhao HF, Labrie F (1988) Effects of sex steroids on regulation of the levels of C1 peptide of rat prostatic steroid-binding protein mRNA evaluated by insitu hybridization.** *Journal of Molecular Endocrinology*, 1: 213-223.
13. **Simard J, Labrie C, Hubert JF, Labrie F (1988) Modulation by sex steroids and [D-Trp<sup>6</sup>, des-Gly-NH<sub>2</sub><sup>10</sup>] LHRH ethylamide of  $\alpha$ -subunit and LH $\beta$  mRNA levels in the rat anterior pituitary gland.** *Molecular Endocrinology*, 2: 775-784.
14. **Simard J, Vincent A, Duchesne R, Labrie F (1988) Full estrogenic activity of C19- $\Delta$ 5 adrenal steroids in rat pituitary lactotrophs and somatotrophs.** *Molecular and Cellular Endocrinology*, 55: 233-242.
15. **Dumont M, Dauvois S, Simard J, Garcia T, Schachter B, Labrie F (1989) Antagonism between estrogens and androgens on GCDFP-15 gene expression in ZR-75-1 cells and correlation between GCDFP-15 and estrogen as well as progesterone receptor expression in human breast cancer.** *Journal of Steroid*

*Biochemistry*, 34: 397-402.

16. Labrie C, **Simard J**, Zhao HF, Bélanger A, Pelletier G, Labrie F (1989) **Stimulation of androgen-dependent gene expression by the adrenal precursors dehydroepiandrosterone and androstenedione in the rat ventral prostate.** *Endocrinology*, 124: 2745-2754.
17. Luu-The V, Labrie C, Zhao HF, Couët J, Lachance Y, **Simard J**, Leblanc G, Côté J, Bérubé D, Gagné R, Labrie F (1989) **Characterization of cDNAs for human estradiol 17 $\beta$ -dehydrogenase and assignment of the gene to chromosome 17: evidence of two mRNA species with distinct 5' termini in human placenta.** *Molecular Endocrinology*, 3: 1301-1309.
18. Poulin R, **Simard J**, Labrie C, Petitcherc L, Dumont M, Lagacé L, Labrie F (1989) **Down-regulation of estrogen receptors by androgens in the ZR-75-1 human breast cancer cell line.** *Endocrinology*, 125: 392-399.
19. **Simard J**, Hatton AC, Labrie C, Dauvois S, Zhao HF, Haagensen DE, Labrie F (1989) **Inhibitory effect of estrogens on GCDFP-15 mRNA levels and secretion in ZR-75-1 human breast cancer cells.** *Molecular Endocrinology*, 3: 694-702.
20. Tong Y, **Simard J**, Labrie C, Zhao HF, Labrie F, Pelletier G. (1989) **Inhibitory effect of androgen on estrogen-induced prolactin messenger ribonucleic acid accumulation in the male rat anterior pituitary gland.** *Endocrinology*, 125: 1821-1828.
21. Tong Y, Zhao HF, **Simard J**, Labrie F, Pelletier G (1989) **Electron microscopic autoradiographic localization of prolactin mRNA in rat pituitary.** *Journal of Histochemistry and Cytochemistry*, 37: 567-571.
22. Toranzo D, Dupont E, **Simard J**, Labrie C, Couët J, Labrie F, Pelletier G (1989) **Regulation of progonadotropin-releasing hormone gene expression by sex steroids in the brain of male and female rats.** *Molecular Endocrinology*, 3: 1748-1756.
23. Zhao HF, **Simard J**, Labrie C, Breton N, Rhéaume R, Luu-The V, Labrie F (1989) **Molecular cloning, cDNA structure and predicted amino acid sequence of bovine 3 $\beta$ -hydroxy-5-ene-steroid dehydrogenase/ $\Delta$ 5- $\Delta$ 4 isomerase.** *FEBS Letters*, 259: 153-157.
24. Baker ME, Luu-The V, **Simard J**, Labrie F (1990) **A common ancestor for mammalian 3 $\beta$ -hydroxysteroid dehydrogenase and plant dihydroflavonol reductase.** *Biochemical Journal*, 269: 558-559.
25. Dauvois S, **Simard J**, Dumont M, Haagensen DE, Labrie F (1990) **Opposite effects of estrogen and the progestin R5020 on cell proliferation and GCDFP-15 expression in ZR-75-1 human breast cancer cells.** *Molecular and Cellular Endocrinology*, 73:171-178.
26. Dupont E, Zhao HF, Rhéaume E, **Simard J**, Luu-The V, Labrie F, Pelletier G (1990) **Localization of 3 $\beta$  -hydroxysteroid dehydrogenase/ $\Delta$ 5- $\Delta$ 4 isomerase in the rat gonads and adrenal glands by immunocytochemistry and in situ hybridization.** *Endocrinology*, 127: 1394-1403.
27. Labrie C, **Simard J**, Zhao HF, Pelletier G, Labrie F (1990) **Synthetic progestins stimulate prostatic binding protein messenger RNAs in the rat ventral prostate.** *Molecular and Cellular Endocrinology*, 68: 169-179.
28. Lachance Y, Luu-The V, Labrie C, **Simard J**, Dumont M, de Launoit Y, Guérin S, Leblanc G, Labrie F (1990) **Characterization of human 3 $\beta$ -hydroxysteroid dehydrogenase/ $\Delta$ 5- $\Delta$ 4 isomerase gene and its expression in mammalian cells.** *Journal of Biological Chemistry*, 265: 20469-20475.
29. Luu-The V, Labrie C, **Simard J**, Lachance Y, Zhao HF, Couët J, Leblanc G, Labrie F (1990) **Structure of two in tandem human 17 $\beta$ -hydroxysteroid dehydrogenase genes.** *Molecular Endocrinology*, 4: 268-275.

30. Martel C, Labrie C, Dupont E, Couët J, Trudel C, Rhéaume E, **Simard J**, Luu-The V, Pelletier G, Labrie F (1990) **Regulation of 3 $\beta$ -hydroxysteroid dehydrogenase/ $\Delta$ 5- $\Delta$ 4 isomerase expression and activity in the hypophysectomized rat ovary: interactions between the stimulatory effect of human chorionic gonadotropin and the luteolytic effect of prolactin.** *Endocrinology*, 127: 2726-2737.
31. Rhéaume E, Tonon MC, Smih F, **Simard J**, Désy L, Vaudry H, Pelletier G (1990) **Localization of the endogenous benzodiazepine ligand octadecaneuropeptide (ODN) in the rat testis.** *Endocrinology*, 127: 1986-1994.
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## **GENETIC SUSCEPTIBILITY TO HORMONE-DEPENDENT CANCERS**

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