



## **Section I – IDENTIFICATION**

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### **PERSONAL INFORMATIONS**

First name:	Simon
Last name:	Maltais
Citizenship:	Canadian
Language spoken:	French, English
Speciality:	Adult Cardiac Surgery
Principal hospital affiliation	Mayo Clinic School of Medecine Rochester, Minnesota

## **Section II – Formation, diplomas, experience**

### **Academic Formation and Diplomas**

<b>06/2010-06/2011</b>	<b>Heart transplantation and circulatory support devices fellowship</b> Dr Harold Burkhard/Dr Soon Park Mayo Clinic 200 First Street SW Rochester, Minnesota, United States 55905
<b>06/2007-06/2010</b>	<b>Doctoral degree in Biomedical Sciences (Ph.D.)</b> Dr Louis P Perrault Subject : Heart failure and stem cell myocardial repair Montreal Heart Institute, Montreal University 5000, Belanger Street East Montreal, Quebec, Canada H1T 1C8
<b>08/2003-06/2009</b>	<b>Adult cardiac surgery residency</b>

Simon Maltais, MD, PhD, FRCSC

Dr Denis Bouchard  
Montreal Heart Institute  
5000, Belanger Street East  
Montreal, Quebec, Canada H1T 1C8

**08/1998-06/2003**

**Doctoral degree in medecine (M.D.)**

Dr André Plante  
Sherbrooke University  
3001, 12<sup>th</sup> Avenue North  
Sherbrooke, Quebec, Canada J1H 5N4

**06/2001-06/2003**

**Master degree in Physiology (M.Sc.)**

Dr Marie-France Langlois  
Subject : Mechanisms involved in thyroid hormones liberation  
Sherbrooke University  
3001, 12<sup>th</sup> Avenue North  
Sherbrooke, Quebec, Canada J1H 5N4

**06/1996-06/1998**

**Health Science Degree**

Bois-de-Boulogne College  
10555, Bois-de-Boulogne Avenue  
Montreal, Quebec, Canada H4N 1L4

## **Medical Licences and Exams**

2001	Advanced Cardiac Life Support (ACLS)
2001	Fundamentals of Critical Care Support (FCCS)
2001	Basic Cardiac Life Support (BCLS)
2002	Canadian Medical Council (Part I and II)
2002	Advanced Trauma Life Support (ATLS)
2004	General Principals in Surgery
2004	General Principles in Animal Experimental Studies
2008	Predoctoral exam, doctoral degree in biomedical sciences
2009	Royal College of Physician and Surgeon of Canada (Adult cardiac surgery speciality), FRCSC
2009	Collège des Médecins du Québec (CMQ)
2009	Fédération des Médecins Spécialistes du Québec (FMSQ)
2009-2010	Restrictive surgical intensive care unit permit Georges-Dumont Hospital (Moncton, New Brunswick)

## **Cardiac Surgery Residency**

<b>Period</b>	<b>Hospital</b>	<b>Department</b>	<b>Fonction</b>	<b>Supervisor</b>
07-03/08/03	HND	Microbiology	Res. I	F. Coutlée
08-03/09-03	HND	ICU	Res. I	G. Helou
09-03/12-03	HSC	Cardiology	Res. I	P. Tessier
12-03/03-04	HND	Thoracic Surgery	Res. I	P. Ferrarro
03-04/06-04	HMR	General Surgery	Res. I	S. Dubé
07-04/08-04	HND	ICU	Res. II	G. Helou
08-04/10-04	HSC	Traumatology	Res. II	R. Denis
10-04/12-04	HND	Cardiac Surgery	Res. II	L. Normandin
12-04/02-05	HDM	Vascular Surgery	Res. II	J.F. Blair
02-05/01-05	ICM	Research period	Res. II-III	L.P. Perrault
06-05/12-05	HMR	Vascular Surgery	Res. III	J.F. Blair
01-06/06-06	HSC	Thoracic Surgery	Res. III	A. Duranceau
07-06/12-06	HSC	Cardiac Surgery	Res. IV	R. Cossette
01-07/6-07	HSJ	Pediatric Cardiac Surgery	Res. IV	S. Vobecky
07-07/06-08	ICM	Cardiac Surgery	Res. V	M. Pellerin
07-08/09-08	CHUS	Cardiac Surgery	Res. VI	M. Pellerin
10-08/12-08	ICM	Cardiac Surgery	Res. VI	M. Pellerin
01-09/02-09	ICM	Electrophysiology	Res. VI	M. Talajic
03-09/04-09	ICM	Echocardiography	Res. VI	A. Basmagian
05-09/07-09	ICM	Cardiac Surgery	Res. VI	M. Pellerin

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CHUS : Centre Hospitalier Universitaire de Sherbrooke, HMR: Hôpital Maisonneuve-Rosemont, HND: Hôpital Notre-Dame, HDM: Hôtel-Dieu de Montréal, HSJ: Hôpital Ste-Justine, HSC : Hôpital du Sacré-Cœur de Montréal, ICM: Institut de Cardiologie de Montréal

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### **Specific Research Formation**

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|-----------|--|
| 2003-2010 | Experimental Animal Surgery<br>Montreal Heart Institute<br>Louis P. Perrault, MD, PhD                            |
| 2003-2010 | Clinical Research in Adult Cardiac Surgery<br>Montreal Heart Institute<br>Louis P. Perrault, MD, PhD             |
| 2009      | Chronic Swine Model of Ischemic Hybernating Myocardium<br>Buffalo University (Drs Canty/Fallavollita)<br>Buffalo |

### **Continuous Medical Education**

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|------|---|
| 2009 | Stem Cell Network Annual Meeting<br>Montreal, Canada  |
| 2009 | Quebec Cardiovascular Annual Meeting<br>Quebec City, Canada   |
| 2009 | Montreal University Surgical Week<br>Anastomosis assistant for junior residents<br>Montreal Heart Institute, Montreal, Canada |
| 2010 | Montreal University Surgical Week<br>Anastomosis assistant for junior residents<br>Montreal Heart Institute, Montreal, Canada |
| 2010 | Phoenix International Endovascular Congress<br>Phoenix (Arizona), USA.  |

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## **Congress Attendance**

October 2003	Canadian Cardiovascular Society Annual Meeting Toronto, Ontario, Canada
October 2003	Aortic Valve Club Montreal Heart Institute Annual Symposium Montreal, Quebec, Canada
November 2003	Annual Scientific Meeting Surgical Department, Montreal University Montreal, Quebec, Canada
December 2003	Quebec Vascular Society Annual Meeting Montreal, Quebec, Canada
May 2004	Annual Scientific Meeting Surgical and Anesthesiology Department, Montreal University Montreal, Quebec, Canada
June 2004	Annual Scientific Meeting Research Center Department, Montreal University Montreal, Quebec, Canada
October 2004	Canadian Cardiovascular Society Annual Meeting Calgary, Alberta, Canada
October 2004	Acute Aortic Syndrome Symposium Montreal Heart Institute Annual Symposium Montreal, Quebec, Canada
November 2004	Annual Scientific Meeting Surgical Department, Montreal University Montreal, Quebec, Canada

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December 2004	Quebec Vascular Society Annual Meeting Montreal, Quebec, Canada
April 2005	9 <sup>th</sup> Annual Terrence Donnelly Day Canadian Cardiac Surgery Resident Research Day Toronto, Ontario, Canada
May 2005	Annual Scientific Meeting Surgical and Anesthesiology Department, Montreal University Montreal, Quebec, Canada
May 2005	Heart Valve Club Live Surgery Demonstration Montreal, Quebec, Canada
May 2005	CHUM Research Day Research Center, CHUM Montreal, Quebec, Canada
September 2005	Quebec Clinical Research Club Basic and Clinical Research Bromont, Quebec, Canada
September 2005	CHEST Annual Meeting Montreal, Québec, Canada
October 2005	Canadian Cardiovascular Society Annual Meeting Montreal, Quebec, Canada
November 2005	American Heart Association Meeting Annual Meeting Texas, Dallas, United States of America
November 2005	Quebec Vascular Society Annual Meeting Montreal, Quebec, Canada

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February 2006	Peak Performance 2006 Mont-Tremblant, Quebec, Canada
April 2006	10th Annual Terrence Donnelly Day Toronto, Ontario, Canada
April 2006	Annual Scientific Meeting Surgical Department, Montreal University Montreal, Quebec, Canada
April 2006	French Cardiothoracic Society Annual Meeting Bordeaux, France
May 2006	Annual Scientific Meeting Surgical and Anesthesiology Department, Montreal University Montreal, Quebec, Canada
June 2006	Annual Scientific Meeting Research Center Department, Montreal University Montreal, Quebec, Canada
October 2006	Canadian Cardiovascular Congress Annual Meeting Vancouver, British Columbia, Canada
November 2006	Quebec Vascular Society Annual Meeting Montreal, Quebec, Canada
December 2006	CHUM Research Day Research Center, CHUM Montreal, Quebec, Canada
March 2007	Annual Scientific Meeting Surgical Department, Montreal University Montreal, Quebec, Canada



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April 2007	Canadian Cardiovascular Congress Annual Meeting Quebec city, Quebec, Canada
November 2007	Problem Solving in Cardiac Surgery Edwards Lifesciences Irvine, California, United States of America
March 2008	Annual Scientific Meeting Surgical Department, Montreal University Montreal, Quebec, Canada
April 2008	Problem Solving in Cardiac Surgery St-Judes Medical Minnesota, United States of America
April 2008	Quebec Clinical Research Club Basic and Clinical Research Bromont, Quebec, Canada
April 2008	Quebec Cardiac Team Meeting Mont-Tremblant, Quebec, Canada
May 2008	Annual Terrence Donnelly Day Meeting Toronto, Ontario, Canada
May 2008	Annual Scientific Meeting Surgical and Anesthesiology Department, Montreal University Montreal, Quebec, Canada
May 2008	Quebec Vascular Society Annual Meeting Montreal, Quebec, Canada
June 2008	Quebec Cardiac Surgeon Annual Meeting Quebec city, Quebec, Canada

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June 2008	Annual Scientific Meeting Surgical Department, Montreal University Montreal, Quebec, Canada
October 2008	Problem Solving in Mitral Valve Surgery Irvine, California, Unites States of America
October 2008	Canadian Cardiovascular Congress Annual Meeting Quebec city, Quebec, Canada
October 2008	Biostatistic Annual Meeting Day Montreal Heart Institute Montreal, Quebec, Canada
January 2009	Society of Thoracic Surgery Annual Meeting San Fransisco, Unites States of America
February 2009	Peak Performance Annual Meeting Lac Louise, Alberta, Canada
April 2009	Annual Scientific Meeting Surgical Department, Montreal University Montreal, Quebec, Canada
June 2009	Annual Scientific Meeting Surgical and Anesthesiology Department, Montreal University Montreal, Quebec, Canada
November 2009	Stem Cell Network Annual Meeting Montreal, Quebec, Canada
February 2010	Interventional Annual Congress Phoenix, Arizona, United States of America

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2010 Canadian Cardiovascular Congress  
Montréal, Québec, Canada

**Membership**

Association des Médecins de langue française du Canada	2003-2010
Quebec Medical Association	2003-2010
Canadian Medical Association	2003-2010
Canadian Cardiovascular Society	2003-2010
The Royal College of Physicians and Surgeons of Canada	2009-2010
Quebec Vascular Society	2003-2010
American Heart Association	2003-2010
Collège des Médecins du Québec	2003-2010
Fédération des Médecins Spécialistes du Québec	2009-2010

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## **Administrative Experience**

2007-2009	Chief resident in adult cardiac surgery Montreal Heart Institute
2003-2005	Resident representative – Surgery department Montreal University
2005-2008	Resident representative – Cardiac surgery department Montreal University
2005-2008	Resident representative – Director committee Surgery Department Montreal University
2007-2008	Resident representative – Pedagogic committee Cardiac surgery department Montreal University
2007-2008	Resident representative – Scientific committee Surgery Department Montreal University
2006-2007	Trainee committee representative Canadian Cardiovascular Society
2006-2007	Central Trainee Day Committee Canadian Cardiovascular Society

**Scholarships and distinctions**

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|------|--|
| 2000 | Avenir Personnalité distinction<br>Academic distinction<br>Sherbrooke University   |
| 2001 | Bristol-Myers Squibb distinction<br>Academic distinction<br>Sherbrooke University  |
| 2003 | Master degree scholarship in physiology<br>Fonds de Recherche en Santé du Québec (FRSQ)<br>Sherbrooke University                               |
| 2003 | Dean's honor list<br>Master degree in physiology<br>Sherbrooke University  |
| 2006 | Best oral presentation<br>Annual Scientific Meeting<br>Surgical and Anesthesiology Department, Montreal University<br>Montreal, Quebec, Canada |
| 2008 | Best poster presentation<br>Surgery department day<br>Montreal University  |
| 2006 | Best oral presentation<br>"Prix du Gouverneur de France" finalist<br>Bordeaux- France  |
| 2006 | Best oral presentation<br>CHUM annual research day<br>Montreal, Quebec, Canada   |
| 2007 | Excellence scholarship<br>Doctoral degree in biomedical sciences<br>Montreal University  |

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- 2007 Best oral presentation  
Annual Scientific Meeting  
Surgical and Anesthesiology Department, Montreal University  
Montreal, Quebec, Canada
- 2007 Scholarship (first place)  
Doctoral degree in biomedical sciences  
Fonds de la Recherche en Santé (FRSQ)  
3 years-90 000\$  
Montreal University
- 2008 Merck Frosst Schering Plough distinction  
Teaching distinction  
Montreal Heart Institute  
Montreal, Quebec, Canada
- 2008 Hans-Selye distinction  
Excellence in clinical research  
Quebec Clinical Research Club  
Mont-Tremblant, Quebec, Canada
- 2008 Best oral presentation  
Quebec Clinical Research Club  
Mont-Tremblant, Quebec, Canada
- 2008 Best oral presentation  
Quebec Cardiac Team Meeting  
Mont-Tremblant, Quebec, Canada
- 2008 Best oral presentation  
Quebec Vascular Society  
Laval, Quebec, Canada
- 2008 Bristol-Myers Squibb distinction  
Clinical research excellence (second place)  
Montreal Heart Institute  
Quebec, Canada
- 2009 Continuous medical education distinction  
Annals of Thoracic Surgery  
Post-infarction ventricular septal defects repair original article

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|------|--|
| 2009 | Fonds des Professionnels scholarship<br>Academic excellence<br>Montreal University   |
| 2009 | Doctoral scholarship<br>Biomedical sciences<br>Montreal University   |
| 2009 | Postdoctoral scholarship (2 years)<br>Surgery department<br>Montreal University  |
| 2010 | The Royal College of Physicians and Surgeons of Canada<br>Travelling Fellowship Award<br>Montreal, Canada                  |
| 2010 | Mayo Clinic School of Medicine<br>Heart Transplant and Circulatory Support Devices Scholarship<br>Thoratec, Minnesota, USA |

## **Section III – Publications and Communications**

### **Publications (accepted)**

1. Maltais S, Tremblay J, Perrault LP, Ly HQ. Paracrine mechanism: pivotal role in cell-based cardiac repair. (Review article) Accepted for publication in *Journal of Cardiovascular and Translational Research* 2010.
2. Maltais S, Perrault LP, Ly HQ. Bone marrow-heart interaction and potential role of circulating progenitor cells in heart failure: a clinically oriented review. Accepted for publication in *European Journal of Cardiothoracic Surgery* 2010.
3. Ba-Khoi Nguyen\*, Maltais S\*, Perrault P Louis, Tanguay Jean-Francois, Tardif Jean-Claude, Harel Francois, Mélanie Borie, Shi Yan Fen, Mansour Samer, Noiseux N. Improved function of myocardial repair of infarcted heart by intracoronary injection of mesenchymal stem cell-derived growth factors. Accepted for publication in *Journal of Cardiovascular and Translational Research* 2010.
4. Maltais S, Ibrahim R, Basmadjian AJ, Carrier M, Bouchard D, Cartier, R, Demers P, Ladouceur M, Pellerin M, Perrault, LP. Concomittant Radiofrequency Maze Procedure in Cardiac Surgery. Accepted for publication in the *Journal of Cardiac Surgery* 2010.
5. Maltais S, Ibrahim R, Basmadjian AJ, Carrier M, Bouchard D, Cartier, R, Demers P, Ladouceur M, Pellerin M, Perrault, LP. Postinfarction Ventricular Septal Defects: Toward a New Treatment Algorhythm? *Ann Thorac Surg* 2009, 87, 687-692.
6. Maltais S, Perrault LP, Do B. Effect of clopidogrel on bleeding and transfusions after off-pump coronary artery bypass graft surgery : Impact of discontinuation prior to surgery. *European Journal Cardiothoracic Surgery*. 2008, 34, 1, 127-31.
7. Lamarche Y, Perrault LP, Maltais S, Denault A. Preliminary experience with inhaled milrinone in cardiac surgery. *European Journal Cardiothoracic Surgery*. 2007 Jun; 31(6) :1081-7.
8. Maltais S, El-Hammamsy I, Ducharme A, Carrier M, Pellerin M, Perrault LP. Late iatrogenic coronary stenosis after selective intraoperative antegrade myocardial protection for stentless aortic valve replacement. *Journal of Thoracic and Cardiovascular Surgery* 2006. August;132(2):420-1.
9. Stevens LM, Fortier S, Aubin MC, El-Hammamsy I, Maltais S, Carrier M, Perrault LP. Effect of tetrahydrobiopterin on selective endothelial dysfunction of epicardial porcine coronary arteries induced by cardiopulmonary bypass. *European Journal Cardiothoracic Surgery* 2006 Sept;30(3):464-71.



10. Maltais S, Bouchard D, Perrault LP. Concomitant surgical myocardial revascularization is still the gold standard for combined valvular and coronary heart disease. *Journal of the American College of Cardiology* 2005 November;46(9):1782-83.

\*Co-first authors

11. Maltais S, Carrier M, Pellerin M, Perrault LP. Closure of ventricular septal defects in the donor heart before transplantation: toward expanded acceptance criteria. *Journal of Thoracic and Cardiovascular Surgery* 2005 May;129(5): 1187-8.

12. Laflamme L, Hamann G, Messier N, Maltais S, M-F Langlois. RXR acts as a coregulator in the regulation of genes of the hypothalamo-pituitary axis by thyroid hormone receptors. *Journal of Molecular Endocrinology* 2002 August;29(1):61-72.

13. Maltais S, Cloutier AS, Charbonneau G. Sommaire des opinions des étudiants en médecine du système de santé canadien. *Actualité Médicale*, November 2001.

### **Book Chapters (published)**

Maltais S, Carrier Michel. Chapitre 5: La régénération cellulaire du coeur. Comment va mon nouveau coeur? Éditions Ste-Justine 2009.

### **Publications (under review for publication)**

1. Maltais S, Perrault LP, Sirois M, Tanguay JF, Carrier M. Sternal neoangiogenesis following internal mammary artery devascularization: an experimental model. Under revision for publication in the *Annals of Thoracic Surgery* 2009.
2. Maltais S, Cartier R. Long-term value of Parsonnet score in off-pump coronary artery bypass surgery. *Under revision for publication in CMAJ* 2009.
3. Jacques F, El-Hammamsy I, Fortier A, Maltais S, Poirier C, Noiseux N, Duranceau A, Ferraro Paquale. Acute renal failure following lung transplantation: Predictive factors and repercussion on Morbidity and long term renal function. *Under revision for publication in JHLT* 2009.
4. Maltais S, Aubin MC, Bouchot O, Harel F, Shi YF. Myocardial distribution of cardioplegic solution and associated dysfunction in a left ventricular hypertrophy swine model. Under revision for publication in *JTCVS* 2009.

**Invited Communications**

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|------|---|
| 2010 | The role of the bone marrow-heart interaction in heart failure<br>Cardiac surgery/Cardiology meeting<br>Montreal University |
| 2010 | Surgical therapies of heart failure: novel mechanism<br>Cardiac surgery/Cardiology meeting<br>Sherbrooke University         |
| 2010 | Surgical therapies of heart failure: novel mechanism<br>Cardiac surgery annual meeting<br>Vermont, USA                      |

## **Communications (Accepted and produced)**

### **Annual Research Day 2010 (Montreal Heart Institute, Montreal, Canada)**

Simon Maltais, Jean-François Tanguay, Jean-Claude Tardif, Martin Sirois, Louis P Perrault, and Hung Quoc Ly

### **Annual Surgery-Anesthesiology Research Day 2010 (Montreal, Canada)**

Simon Maltais, Jean-François Tanguay, Jean-Claude Tardif, Martin Sirois, Louis P Perrault, and Hung Quoc Ly

### **Canadian Cardiovascular Society 2009 (Edmonton, Canada)**

Novel approach for stem cell therapy: intracoronary injection of mesenchymal stem cell conditioned medium improves protection, repair and function recovery of infarcted myocardium.

B Nguyen, S Maltais, LP Perrault, J Tanguay, J Tardif, L Stevens, S Mansour, N Noiseux

Endovascular repair of high-risk and emergent descending thoracic aortic aneurysms and dissections

S Maltais, R Fontaine, P Demers, M Pellerin, R Cartier

Concomittant saline-irrigated radiofrequency modified maze procedure for atrial fibrillation

S Maltais, G Marquis Gravel, M Ladouceur, P Pagé, D Bouchard, M Carrier, R Cartier, P Demers, Y Hébert, H Jeanmart, L Perrault, N Poirier, M Pellerin

One stage replacement of the thoracic aorta: results of different techniques in the current stent-graft era.

S Maltais, E Dumont, P Voisine, F Dagenais

### **Annual Surgery Meeting 2009 (Montreal, Canada)**

Concomittant saline-irrigated radiofrequency modified maze procedure for atrial fibrillation

S Maltais, G Marquis Gravel, M Ladouceur, P Pagé, D Bouchard, M Carrier, R Cartier, P Demers, Y Hébert, H Jeanmart, L Perrault, N Poirier, M Pellerin

### **Canadian Cardiovascular Meeting 2008 (Toronto, Canada)**

Effect of diabetes and internal thoracic artery harvesting on sternal wound healing – an experimental evaluation. Maltais S, Carrier M, Brann S, Sirois MG, Perrault LP.

Influence of age on long-term cardiac mortality and morbidity after off-pump coronary artery bypass surgery. Durieux R, Jabr Y, Maltais S, Cartier R.

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Long-term morbidity and mortality after off-pump coronary artery bypass surgery: is it gender specific? Jabr Y, Maltais S, Durieux G, Cartier R.

Transient renal insufficiency after off-pump coronary artery bypass surgery: significance on long-term survival. Maltais S, Durieux G, Cartier R.

Endoscopic mitral valve surgery: the Montreal Heart Institute Experience  
Maltais S, Bouchard D, Jeanmart H, Couture P, Lebon J, Pellerin M.

Ischemic mitral valve repair with the ETlogix annuloplasty ring: the Montreal Heart Institute experience  
Maltais S, Bouchard D, Demers P, Cartier R, Jeanmart H, Hébert Y, Perrault LP, Pagé P, Pellerin M, Carrier M.

Prognostic value of Parsonnet score on long-term follow-up after off-pump coronary artery bypass graft surgery  
Maltais S, Cartier R.

Long-term benefit of statin treatment has a greater impact on 10-year survival than the use of double internal thoracic artery grafts  
Carrier M, Cossette M, Maltais S, Perrault LP, Pellerin M, Hébert Y, Bouchard D, Cartier R, Demers P, Jeanmart H, Pagé P.

### **Annual Biostatistic Day 2008, Montreal, Canada**

Comment écrire une bonne demande de financement ?  
Montreal Heart Institute.

### **Annual Cardiac Surgeon Meeting 2008, Montreal, Canada.**

Endoscopic mitral valve surgery : Montreal Heart Institute experience.  
S Maltais, D Bouchard, H Jeanmart, P Couture, JS Lebond et M Pellerin.

### **Quebec Vascular Society 2008, Laval, Quebec, Canada.**

Endovascular treatment of aortic thoracic pathologies. S Maltais, R Cartier.

### **Annual Research Day 2008, Montreal, Quebec, Canada.**

Long-term value of Parsonnet score in off-pump coronary artery bypass surgery. Maltais S, Cartier R.

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Myocardial distribution of cardioplegic solution and associated dysfunction in a left ventricular hypertrophy swine model. Maltais S, Aubin MC, Bouchot O, Harel F, Shi YF.

**Annual Surgery-Anesthesiology Research Day 2008, Montreal, Quebec, Canada.**

S Maltais, D Bouchard, H Jeanmart, P Couture, JS Lebond et M Pellerin.  
Endoscopic mitral valve surgery : Montreal Heart Institute experience.

S Maltais, Bouchard D, Carrier M, Cartier R, Demers P, Jeanmart H, Hébert Y, Pagé P, Perrault LP, Poirier N et Pellerin M. Carpentier-Edwards bioprosthesis : Montreal Heart Institute experience.

S Maltais, Pellerin M. Posterior left ventricle aneurysm resection : a case report.

**Terrence Donnelly Day, Toronto 2008.**

Maltais S, Cartier R. Long-term value of Parsonnet score in off-pump coronary artery bypass surgery.

**Quebec Cardiac Team Meeting 2008, Mont-Tremblant 2008.**

Maltais S, Aubin MC, Bouchot O, Harel F, Shi YF. Myocardial distribution of cardioplegic solution and associated dysfunction in a left ventricular hypertrophy swine model.

Maltais S, Perrault P Louis, Tanguay Jean-Francois, Tardif Jean-Claude, Harel Francois, Shi Yan Fen, Mansour Samer, Noiseux N. Paracrine Action of Mesenchymal Stem Cells Improves Myocardial Protection and Function in Chronic Ischemic Porcine Model.

**Quebec Clinical Research Club 2008, Mont-Tremblant, Quebec, Canada**

Maltais S, Perrault P Louis, Tanguay Jean-Francois, Tardif Jean-Claude, Harel Francois, Shi Yan Fen, Mansour Samer, Noiseux N. Paracrine Action of Mesenchymal Stem Cells Improves Myocardial Protection and Function in Chronic Ischemic Porcine Model.

**Canadian Annual Congress 2007, Quebec City, Quebec, Canada.**

Maltais S, Bouchard D, Carrier M, Cartier R, Demers P, Hébert Y, Ibrahim R, Pellerin M, Perrault LP. Post-infarction ventricular septal defects at the Montreal Heart Institute : Toward a new treatment algorith.

Maltais S, Aubin MC, Bouchot O, Harel F, Shi YF. Myocardial distribution of cardioplegic solution and associated dysfunction in a left ventricular hypertrophy swine model.

**Surgery research day 2007, Montreal, Quebec, Canada.**

S Maltais, Hugues Jeanmart. Robot-assisted off-pump coronary artery bypass grafting.

**CHUM research day 2006, Montreal, Quebec, Canada**

Maltais S, Perrault P Louis, Tanguay Jean-Francois, Tardif Jean-Claude, Harel Francois, Shi Yan Fen, Mansour Samer, Noiseux N. Paracrine Action of Mesenchymal Stem Cells Improves Myocardial Protection and Function in Acute Ischemic Porcine Model.

**Canadian Cardiovascular Society 2006, Vancouver, Canada.**

Maltais S, P Pagé, M Pellerin. Bipolar Radiofrequency Maze Ablation for Atrial Fibrillation.

Maltais S, Perrault P Louis, Tanguay Jean-Francois, Tardif Jean-Claude, Harel Francois, Shi Yan Fen, Mansour Samer, Noiseux N. Paracrine Action of Mesenchymal Stem Cells Improves Myocardial Protection and Function in Acute Ischemic Porcine Model.

**French Cardiovascular Congress 2006, Bordeaux, France.**

Maltais S, P Pagé, M Pellerin. Radiofrequency Maze Ablation for Atrial Fibrillation.

Maltais S, Perrault P Louis, Tanguay Jean-Francois, Tardif Jean-Claude, Harel Francois, Shi Yan Fen, Mansour Samer, Noiseux N. Paracrine Action of Mesenchymal Stem Cells Improves Myocardial Protection and Function in Acute Ischemic Porcine Model.

Maltais S, Do QB. Role of Clopidogrel in off-pump beating heart surgery.

Maltais S, Hemmerling T, Noiseux N. Bypass Surgery in Awake Patients.

**Annual Surgery Research Day 2006, Montreal, Quebec, Canada.**

Maltais S, Perrault P Louis, Tanguay Jean-Francois, Tardif Jean-Claude, Harel Francois, Shi Yan Fen, Mansour Samer, Noiseux N. Paracrine Action of Mesenchymal Stem Cells Improves Myocardial Protection and Function in Acute Ischemic Porcine Model.

**Quebec Vascular Society 2005, Montreal, Quebec, Canada.**

Maltais S, LP Perrault, R Ibrahim. Percutaneous Treatment of Acute Ventricular Septal Defects Complicating Acute Myocardial Infarction.

**Surgery-Anesthesiology Research Day 2006, Montreal, Quebec, Canada.**

Maltais S, P Pagé, M Pellerin. Radiofrequency Maze Ablation for Atrial Fibrillation.

**American Heart Association Meeting 2005, Texas, USA.**

Maltais S, P Pagé, M Pellerin. Radiofrequency Maze Ablation for Atrial Fibrillation.

**Visual documents**

1. Mitral Valve Endocarditis: Should we Repair or Replace? Maltais S, M. Pellerin. Montreal Heart Institute 2008 (Montreal, Quebec, Canada).
2. Pulmonary Embolectomy: A Case Report. Maltais S, Pellerin M. Montreal Heart Institute 2008 (Montreal, Quebec, Canada).
3. Giant left ventricular aneurysm. Maltais S, M. Pellerin. Montreal Heart Institute 2008 (Montreal, Quebec, Canada).
4. Mitral valve endocarditis. Maltais S, M. Pellerin. Annual Cardiac Surgeon Meeting 2008 (Quebec City, Quebec, Canada).



## **Section IV – Other expertises**

### **Local professional expertise**

2010	Professor (Integration to clinical medicine) Montreal University
2009	Professor (cardiology) Montreal University
2008-2009	Professor (basic techniques in surgery) Montreal University
2008	Creation of the Association of Cardiac Surgery Residents website Montreal University

### **Other expertise**

2009	Annual Career Day (Assomption College, Assomption, Quebec)
2009	Intensive Care Unit (Georges-Dumont Hospital, Nouveau-Brunswick)
2003-2009	The Annals of Thoracic Surgery (invited reviewer) L.H. Edmunds, Ed.

