

Canadian Common CV

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Submission Date: 2013-07-22 10:12:31

Confirmation Number: 96441

CCV Identifier: 31100

PIN Number: 152660

CV Type: CIHR Academic

Personal Information

Identification

Title Family Name First Name Date of Birth Sex Correspondence language
Canadian Residency Status Permanent Residency Start Date

Country of Citizenship

	Country of Citizenship
1	France

Language Skills

	Language	Read	Write	Speak	Understand
1	English	Yes	Yes	Yes	Yes
2	French	Yes	Yes	Yes	Yes

Address

The primary Address is denoted by (*)

*1	Address Type <input type="text" value="Mailing"/>
CRCHUM Technopôle Angus 2901, rue Rachel Est Bureau 303 Montréal Canada / Quebec H1W 4A4	

Telephone

The primary Telephone is denoted by (*)

	Phone Type	Area Code	Telephone Number	Extension
*1	Work	514	8908000	23603

Email

The primary Email is denoted by (*)

	Email Type	Email Address
*1	Work	vincent.poitout@umontreal.ca

Website

	Website Type	URL
1	Corporate	www.poitoutlab.ca

User Profile

Disciplines Trained In

	Discipline Trained In
1	Endocrinology

2	Physiology
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Research Disciplines

	Research Discipline
1	Cell Biology
2	Endocrinology

Areas of Research

	Area of Research
1	Diabetes
2	Glucotoxicity
3	Metabolism
4	Nutrients
5	Pancreas

Fields of Application

	Field of Application
1	Biomedical Aspects of Human Health

Research Specialization Keywords

	Research Specialization Keywords
1	Beta-cells
2	Diabetes
3	Insulin gene expression
4	Insulin secretion
5	Islets of Langerhans
6	Lipid metabolism

Education

Degrees

1	Degree Type <input type="text" value="Post-doctorate"/> Degree Name <input type="text" value="Post-doctoral fellow"/> Specialization <input type="text" value="Diabetes"/> Organization <input type="text" value="University of Minnesota"/> Degree Status <input type="text" value="Completed"/> Degree Start Date <input type="text" value="1993/9"/> Degree Received Date <input type="text" value="1995/9"/> Supervisors <table border="1"> <thead> <tr> <th></th> <th>Supervisor Name</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>R. Paul Robertson</td> </tr> </tbody> </table>		Supervisor Name	1	R. Paul Robertson
	Supervisor Name				
1	R. Paul Robertson				
2	Degree Type <input type="text" value="Doctorate"/> Degree Name <input type="text" value="PhD in Endocrinology"/> Specialization <input type="text" value="Endocrinology"/> Organization <input type="text" value="Université de Paris VI (P & M Curie)"/> Degree Status <input type="text" value="Completed"/> Degree Start Date <input type="text" value="1989/9"/> Degree Received Date <input type="text" value="1993/6"/> Supervisors <table border="1"> <thead> <tr> <th></th> <th>Supervisor Name</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Dr. Gerard Reach</td> </tr> </tbody> </table>		Supervisor Name	1	Dr. Gerard Reach
	Supervisor Name				
1	Dr. Gerard Reach				
3	Degree Type <input type="text" value="Doctorate Equivalent"/> Degree Name <input type="text" value="Doctorate in Veterinary Medicine"/> Specialization <input type="text" value="Veterinary medicine"/> Organization <input type="text" value="Ecole Nationale Vétérinaire d'Alfort"/> Degree Status <input type="text" value="Completed"/> Degree Start Date <input type="text" value="1984/9"/> Degree Received Date <input type="text" value="1991/6"/> Supervisors <table border="1"> <thead> <tr> <th></th> <th>Supervisor Name</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>N/A</td> </tr> </tbody> </table>		Supervisor Name	1	N/A
	Supervisor Name				
1	N/A				

Recognitions

	Recognition Type	Recognition Name	Other Organization	Effective Date	End Date	Amount
1	Distinction	Ad-Hoc member Systems & Clinical Neurosciences - A Committee	CIHR	2012/12	2013/11	
2	Distinction	Chair, National Research Council	Canadian Diabetes Association	2012/11	2014/10	0
3	Distinction	Young Scientist Award	Canadian Diabetes Association, Great-West Life, London Life, Canada Life	2009/10		5000
4	Distinction	Prix Apollinaire Bouchardat 2006	Journées Annuelles de Diabétologie de l'Hôtel-Dieu	2006/5		0
5	Distinction	Education Outreach Service Award	Northwest Association for Biomedical Research	2004/1		0
6	Distinction	Jean Leray Award	European Society for Biomaterials	1996/1		0
7	Distinction	Midwest Trainee Investigator Award	American Federation for Clinical Research	1994/1		0
8	Distinction	BIOMAT 92 Prize	Association pour le développement des Biomatériaux	1992/1		0

Employment

Academic Work Experience

	Position Title	Organization	Department	Start Date	End Date
1	Adjunct Professor, Department of Medicine, Division of Endocrinology	McGill University	Medicine	2012/9	
2	Professor	Université de Montréal	Médecine	2008/6	
3	Associate Professor	Université de Montréal	Médecine	2005/9	2008/5
4	Affiliate Assistant Professor	University of Washington	School of Medicine	2000/9	2005/8

Non-academic Work Experience

	Position Title	Other Organization	Start Date	Organization	End Date
1	Co-Director	Montreal Diabetes Research Center	2011/11		
2	Scientific Director		2011/11	Centre hospitalier de l'université de Montréal	
3	Associate Director	Quebec Research Network on Cardiometabolic diseases, Diabete and Obesity	2012/3		2016/2
4	Attending Veterinarian	Pacific Northwest Research Institute	1998/8		2005/8
5	Principal Scientist	Pacific Northwest Research Institute	1998/8		2005/8
6	Charge de Recherche 1		1995/9	Institut national de la santé et de la recherche médicale	2005/8

Affiliations

The primary Affiliations is denoted by (*)

	Position Title	Organization	Department	Start Date
*1	Professor	Université de Montréal	Médecine	2008/6

Research Funding History

1	Funding Title <input type="text" value="Diabetes and Pancreatic Beta-cell Function"/> Funding Status <input type="text" value="Awarded"/> Funding Role <input type="text" value="Principal Investigator"/>			
	Funding Start Date <input type="text" value="2013/4"/> Funding End Date <input type="text" value="2020/3"/>			
	Funding Sources			

	Funding Organization	Funding Competitive?	Total Funding	Currency of Total Funding	Funding Start Date	Funding End Date
1	Canada Research Chairs (CRC)	Yes	1400000	Canadian dollar	2013/4	2020/3

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Funding Title Funding Status Funding Role

Funding Start Date Funding End Date

Funding Sources

	Funding Organization	Program Name	Funding Competitive?	Total Funding	Currency of Total Funding	Funding Start Date	Funding End Date
1	Canadian Institutes of Health Research (CIHR)	Operating Grant	Yes	137417	Canadian dollar	2012/4	2017/3

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Funding Title Funding Status Funding Role

Funding Start Date Funding End Date

Funding Sources

	Funding Organization	Program Name	Funding Competitive?	Total Funding	Currency of Total Funding	Funding Start Date	Funding End Date
1	National Institute of Diabetes & Digestive & Kidney diseases (NIDDK)	R01	Yes	850464	United States dollar	2012/6	2016/5

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Funding Title Funding Status Funding Role

Funding Start Date Funding End Date

Funding Sources

	Funding Organization	Program Name	Funding Competitive?	Total Funding	Currency of Total Funding	Funding Start Date	Funding End Date
1	Canadian Institutes of Health Research (CIHR)	Operating grant	Yes	773390	Canadian dollar	2011/4	2016/3

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Funding Title

Funding Status Funding Role Funding Start Date Funding End Date

Other Investigators

	Investigator Name	Role
1	Marc Prentki	Principal Investigator

Funding Sources

	Funding Organization	Program Name	Funding Competitive?	Total Funding	Currency of Total Funding	Funding Start Date	Funding End Date
1	Canada Foundation for Innovation (CFI)	Innovation and infrastructure; no operating funds	Yes	15500000	Canadian dollar	2009/9	2014/8

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Funding Title Funding Status Funding Role

Funding Start Date Funding End Date

Funding Sources

	Other Funding Organization	Program Name	Funding Competitive?	Total Funding	Currency of Total Funding	Funding Start Date	Funding End Date
1	Financiere Sun Life	Financiere Sun Life Research Grant	Yes	50000	Canadian dollar	2013/7	2014/6

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Funding Title Funding Status

Funding Role Funding Start Date Funding End Date **Other Investigators**

	Investigator Name	Role
1	Gannon, Maureen	Principal Investigator

Funding Sources

	Funding Organization	Program Name	Funding Competitive?	Total Funding	Currency of Total Funding	Funding Start Date	Funding End Date
1	Juvenile Diabetes Research Foundation	Research Award	Yes	250000	United States dollar	2012/6	2014/5

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Funding Title Funding Status Funding Role Funding Start Date Funding End Date **Funding Sources**

	Funding Organization	Program Name	Funding Competitive?	Total Funding	Currency of Total Funding	Funding Start Date	Funding End Date
1	Canada Research Chairs (CRC)	Diabetes and pancreatic B-cell function	Yes	1400000	Canadian dollar	2006/4	2013/4

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Funding Title Funding Status Funding Role Funding Start Date Funding End Date **Other Investigators**

	Investigator Name	Role
1	Escher, Emanuel	Principal Investigator

Funding Sources

	Funding Organization	Program Name	Funding Competitive?	Total Funding	Currency of Total Funding	Funding Start Date	Funding End Date
1	Québec Consortium for Drug Discovery (CQDM)	Team grant	Yes	1781108	Canadian dollar	2010/9	2013/8

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Funding Title Funding Status Funding Role Funding Start Date Funding End Date **Funding Sources**

	Funding Organization	Program Name	Funding Competitive?	Total Funding	Currency of Total Funding	Funding Start Date	Funding End Date
1	National Institute of Diabetes & Digestive & Kidney diseases (NIDDK)	R01	Yes	1000000	United States dollar	2006/8	2012/5

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Funding Title Funding Status Funding Role Funding Start Date Funding End Date **Other Investigators**

	Investigator Name	Role
1	Berthiaume, Yves	Principal Investigator

Funding Sources

	Funding Organization	Program Name	Funding Competitive?	Total Funding	Currency of Total Funding	Funding Start Date	Funding End Date
1	Canadian Cystic Fibrosis Foundation	Team grant	Yes	900000	Canadian dollar	2009/4	2012/3

12	Funding Title <input type="text" value="The roles of GPR40 and GPR120 in pancreatic beta-cell function"/> Funding Status <input type="text" value="Completed"/> Funding Role <input type="text" value="Principal Investigator"/> Funding Start Date <input type="text" value="2008/4"/> Funding End Date <input type="text" value="2011/3"/> Funding Sources						
	Funding Organization	Program Name	Funding Competitive?	Total Funding	Currency of Total Funding	Funding Start Date	Funding End Date
1	Canadian Institutes of Health Research (CIHR)	Operating grant	Yes	366000	Canadian dollar	2008/4	2011/3
13	Funding Title <input type="text" value="Proteomics and metabolomics studies of type 1 diabetes"/> Funding Status <input type="text" value="Completed"/> Funding Role <input type="text" value="Co-investigator"/> Funding Start Date <input type="text" value="2006/7"/> Funding End Date <input type="text" value="2010/6"/> Other Investigators						
	Investigator Name						Role
1	Smith, Richard						Principal Investigator
	Funding Sources						
	Funding Organization	Program Name	Funding Competitive?	Total Funding	Currency of Total Funding	Funding Start Date	Funding End Date
1	National Institute of Diabetes & Digestive & Kidney diseases (NIDDK)	R21/R33	Yes	360000	United States dollar	2006/7	2010/6

Activities

Supervisory Activities

Student/Postdoctoral Supervision

	Supervision Role	Student Name	Student Institution	Study / Postdoctoral Level	Student Degree Status	Student Degree Start Date	Project Description	Student Degree Expected Date	Student Degree Received Date	Present Position
1	Principal Supervisor	Vivot, Kevin	University of Montreal	Post-doctorate	In Progress	2012/10	The role of regulators of G-protein signaling in beta-cells			
2	Principal Supervisor	Puthanveetil, Prasanth	University of Montreal	Post-doctorate	In Progress	2012/10	Role of FOXO1 proteins in regulation of beta cell mass and function during glucolipototoxicity.	2015/9		
3	Principal Supervisor	Benterki Isma	U. de Montréal	Master's Thesis	In Progress	2011/9	The implication of Serotonin and the growth factor HBEGF in inducing pancreatic beta-cells proliferation.			
4	Principal Supervisor	Arturo Mancini,	U. de Montréal	Post-doctorate	In Progress	2011/4	The role of GPR120 in inflammatory pancreatic beta-cell dysfunction and destruction			
5	Principal Supervisor	Valérie Bergeron	U. de Montréal	Doctorate	In Progress	2011/1	Role of GPR40 in insulin secretion			
6	Principal Supervisor	Zarrouki Bader	U. de Montréal	Post-doctorate	In Progress	2008/10	Mechanisms of beta-cell failure in a rodent			

							model of nutrient oversupply			
7	Principal Supervisor	Meriem Semache,	U. de Montréal	Doctorate	In Progress	2008/9	PAS kinase regulation of the insulin gene			
8	Principal Supervisor	Ferdaoussi Mourad	U of Alberta	Post-doctorate	Completed	2009/2	Role and regulation of Islet-Brain1 in pancreatic beta-cells		2012/4	Postdoctorate
9	Principal Supervisor	Melkam Kebede,	U. of Wisconsin	Post-doctorate	Completed	2007/1	Role of GPR40 in beta-cell failure		2012/2	Postdoctorate
10	Principal Supervisor	Amyot Julie	Rosemont Hosp.	Doctorate	Completed	2006/10	Role of ER stress in lipotoxicity		2012/2	Postdoctorate
11	Principal Supervisor	Thierry Alquier	U. Montréal	Post-doctorate	Completed	2006/2	role of GRP40 in insulin secretion		2009/6	Assistant Professor
12	Principal Supervisor	Ghislaine Fontes	CRCHUM	Post-doctorate	Completed	2005/2	Signaling mechanisms of lipotoxicity		2009/6	Staff Scientist, CRCHUM
13	Principal Supervisor	Hagman Derek	FHCRC	Post-doctorate	Completed	2005/9	fatty acid inhibition of insulin gene transcription		2008/9	Postdoctorate

Community and Volunteer Activities

	Role	Other Organization	Start Date	End Date
1	National Board Member	American Diabetes Association	2011/1	2014/12

Contributions

Presentations

	Presentation Title	Conference / Event Name	Location	City	Main Audience	Invited?	Presentation Date
1	Role of glucolipotoxicity in beta-cell death and dysfunction	American Diabetes Association 73rd Scientific Sessions	United States / Illinois	Chicago	Researcher	Yes	2013-06-23
2	GPR40 as a novel target for Type 2 Diabetes	Fasigliam Global Advisory Board Meeting	United Kingdom	London	Decision Maker	Yes	2013-05-31
3	Novel beta-cell fatty-acid receptors	First meeting of the Québec network on metabolic diseases, diabetes and obesity	Canada / Quebec	Quebec City	Researcher	Yes	2013-05-08
4	GPR40 as a potential target for the treatment of type 2 diabetes	Takeda Canada Diabetes National Advosory Board	Canada / Ontario	Toronto	Decision Maker	Yes	2013-05-03
5	Glucolipotoxicity of the pancreatic beta-cell	Novartis Institutes for BioMedical Research	United States / Maine	Cambridge	Researcher	Yes	2013-04-23
6	GPR40 as a potential drug target for type 2 diabetes	Symposium on Fatty-acid activation of G-protein coupled receptors.	United States / Maine	Boston	Researcher	Yes	2013-04-22
7	Potentiel thérapeutique des acides gras dans la cellule bêta	Annual meeting of the Francophone Diabetes Society (SFD)	France	Montpellier	Researcher	Yes	2013-03-28
8	The pancreatic beta-cell response to metabolic stress	European Genomic Institute for Diabetes	France	Lille	Researcher	Yes	2013-03-27
9	The pancreatic beta-cell response to chronic nutrient excess.	Diabetes and Metabolism Seminar Series	United States / Washington	Seattle	Researcher	Yes	2013-02-05
10	The pancreatic beta-cell response to	Diabetes Research and Training Center	United States / Tennessee	Nashville	Researcher	Yes	2012-11-30

	chronic nutrient excess.	Seminar					
11	Glucolipototoxicity of the pancreatic beta-cell.	Departement of Pharmacology Seminars	United States / Louisiana	New Orleans	Researcher	Yes	2012-11-07
12	Beta-cell response to metabolic stress.	Weekly seminar series of the CFRI Diabetes, Immunology and Infectious Disease research groups.	Canada / British Columbia	Vancouver	Researcher	Yes	2012-10-31
13	The pancreatic beta-cell response to metabolic stress.	McGill University, Department of Pharmacology and Therapeutics Seminar	Canada / Quebec	Montreal	Researcher	Yes	2012-10-22
14	Aging and the susceptibility of beta-cells to glucolipototoxicity.	EASD Islet Study Group Symposium	Germany		Decision Maker		2012-10-06
15	Lipid receptor in the beta-cell.	Plenary Lecture, Australian Diabetes Society Meeting	Australia	Gold Coast	Researcher		2012-08-30
16	The beta-cell response to metabolic stress.	Symposium, Australian Diabetes Society Meeting	Australia	Gold Coast	Researcher		2012-08-30
17	The beta-cell response to nutrient excess	Samuel Lunenfeld Research Institute	Canada / Ontario	Toronto	Knowledge User		2012-07-26
18	Regulation and Mechanism of Action of FFAR1/GPR40	Physiology 2012	United Kingdom		Knowledge User		2012-07-04
19	Glucolipototoxicité de la cellule beta-pancréatique et diabète de type 2	80ème congrès de l'ACFAS	Canada / Quebec	Montréal	Knowledge User		2012-05-10
20	Physiological role, mechanisms of action and mode of regulation of the fatty-acid receptor gPR40	Takeda Diabetes Advisory Board Meeting	United States / Illinois	Chicago	Decision Maker		2012-04-25
21	GPR40 as a new drug target for type 2 diabetes	Endocrinology Seminars, Northwestern University	United States / Illinois	Chicago	Knowledge User		2012-03-22
22	The beta-cell response to metabolic stress	World Diabetes Congress	United Arab Emirates		Knowledge User		2011-12-07
23	GPR40 as a new target for type 2 diabetes	Merck Global Diabetes Advisory Board	Israel		Decision Maker		2011-10-28
24	Glucolipodysfunction of teh Pancreatic Beta-cell	Obesity 2011, 29th Annual Scientific Meeting	United States / Florida	Orlando	Knowledge User		2011-10-03
25	Glucolipodysfunction of teh Pancreatic Beta-cell	Keystone Symposia, Lipid Biology and Lipotoxicity	Ireland	Killarney	Knowledge User		2011-05-17
26	GPR40: A drug target for type 2 diabetes?	Endocrine Grand Rounds, University of California	United States / California	San Francisco	Knowledge User		2010-12-01
27	Fatty acids and pancreatic beta-cell function: dr Jekyll and Mr Hyde.	Wells Center for Pediatric Research, Indiana University School of Medicine	United States / Indiana	Indianapolis	Knowledge User		2010-11-11
28	Fatty acids and pancreatic beta-cell function: Dr Jekyll and Mr Hyde.	Kovler Diabetes Center, University of Chicago	United States / Illinois	Chicago	Knowledge User		2010-10-02
29	Acides gras et fonction beta-pancréatique: Dr Jekyll ou Mr Hyde	Séminaires du Groupe interdisciplinaire de Recherche sur l'obésité de l'Université Laval	Canada / Quebec	Quebec	Knowledge User		2010-04-23
30	Glucolipototoxicité de la cellule beta-pancréatique	CHUS Endocrine Rounds	Canada / Quebec	Sherbrooke	Knowledge User		2009-11-11
31	Fatty acids play Dr	International Diabetes	Canada / Quebec	Montreal	Knowledge User		2009-10-22

	Jekyll and Mr Hyde in pancreatic beta-cell.	Federation Congress					
32	Pancreatic beta-cell failure in type 2 diabetes: Lessons from pre-clinical studies	Annual meeting of the Society for Comparative Endocrinology	Canada / Quebec	Quebec	Knowledge User		2009-05-31
33	Fatty acids and pancreatic beta-cell function: Dr Jekyll and Mr Hyde.	Institute for Diabetes, Obesity and Metabolism, University of Pennsylvania	United States / Pennsylvania	Philadelphia	Knowledge User		2009-01-19
34	GPR40: A drug Target for type 2 diabetes?	Department of Physiology, University of Toronto	Canada / Ontario	Toronto	Knowledge User		2008-12-12
35	Do beta-cells get fat, and does it matter?	Département de biologie cellulaire et de morphologie, Université de Lausanne	Switzerland		Knowledge User		2008-11-28
36	GPR40: A drug target for type 2 diabetes?	Addex Pharma	Switzerland		Decision Maker		2008-11-26
37	Beta Cell Glucolipotoxicity from a Pre-clinical Research Perspective	Canadian Diabetes Association	Canada / Quebec	Montreal	Knowledge User		2008-10-16

Publications

PubMed Articles

	PubMed ID	Title	Journal	Volume	Issue	Authors	Publication Date
1	1751159	In vitro and in vivo evaluation in dogs of a miniaturized glucose sensor.	ASAIO transactions / American Society for Artificial Internal Organs	37	3	Poitout V , Moatti D , Velho G , Reach G , Sternberg R , Thévenot DR , Bindra DS , Zhang YN , Wilson GS	
2	23656887	Npas4 Is a Novel Activity-Regulated Cytoprotective Factor in Pancreatic -Cells.	Diabetes			Sabatini PV , Krentz NA , Zarrouki B , Westwell-Roper CY , Nian C , Uy RA , Shapiro AM , Poitout V , Lynn FC	2013-05-08
3	23520164	Fatty Acid receptor gpr40 mediates neuromicrovascular degeneration induced by transarachidonic acids in rodents.	Arteriosclerosis, thrombosis, and vascular biology	33	5	Honoré JC , Kooli A , Hamel D , Alquier T , Rivera JC , Quiniou C , Hou X , Kermorvant-Duchemin E , Hardy P , Poitout V , Chemtob S	2013-05-01
4	23631851	The fatty acid receptor FFA1/GPR40 a decade later: how much do we know?	Trends in endocrinology and metabolism: TEM			Mancini AD , Poitout V	2013-04-27
5	23335512	The free fatty acid receptor G protein-coupled receptor 40 (GPR40) protects from bone loss through inhibition of osteoclast differentiation.	The Journal of biological chemistry	288	9	Wauquier F , Philippe C , Léotoing L , Mercier S , Davicco MJ , Lebecque P , Guicheux J , Pilet P , Miot-Noirault E , Poitout V , Alquier T , Coxam V , Wittrant Y	2013-03-01
6	23188391	Lipotoxicity impairs incretin signalling.	Diabetologia	56	2	Poitout V	2013-02-01
7	23378607	Pioglitazone acutely reduces energy metabolism and insulin secretion in rats.	Diabetes			Lamontagne J , Jalbert-Arsenault E , Pepin E , Peyot ML , Ruderman NB , Nolan CJ , Joly E , Madiraju SR , Poitout V , Prentki M	2013-02-01
8	22820510	G protein-coupled receptor (GPR)40-dependent potentiation of insulin secretion in mouse islets is mediated by protein kinase D1.	Diabetologia	55	10	Ferdaoussi M , Bergeron V , Zarrouki B , Kolic J , Cantley J , Fielitz J , Olson EN , Prentki M , Biden T , MacDonald PE , Poitout V	2012-10-01

9	22578083	Discovery of novel glucose-regulated proteins in isolated human pancreatic islets using LC-MS/MS-based proteomics.	Journal of proteome research	11	7	Schrimpe-Rutledge AC , Fontès G , Gritsenko MA , Norbeck AD , Anderson DJ , Waters KM , Adkins JN , Smith RD , Poitout V , Metz TO	2012-07-06
10	22308370	Glucose activates free fatty acid receptor 1 gene transcription via phosphatidylinositol-3-kinase-dependent O-GlcNAcylation of pancreas-duodenum homeobox-1.	Proceedings of the National Academy of Sciences of the United States of America	109	7	Kebede M , Ferdaoussi M , Mancini A , Alquier T , Kulkarni RN , Walker MD , Poitout V	2012-02-14
11	22558381	Lipopolysaccharides impair insulin gene expression in isolated islets of Langerhans via Toll-Like Receptor-4 and NF-B signalling.	PloS one	7	4	Amyot J , Semache M , Ferdaoussi M , Fontès G , Poitout V	2012-01-01
12	22065581	Human mutation within Per-Arnt-Sim (PAS) domain-containing protein kinase (PASK) causes basal insulin hypersecretion.	The Journal of biological chemistry	286	51	Semplici F , Vaxillaire M , Fogarty S , Semache M , Bonnefond A , Fontès G , Philippe J , Meur G , Diraison F , Sessions RB , Rutter J , Poitout V , Froguel P , Rutter GA	2011-12-23
13	21821716	Binding of activating transcription factor 6 to the A5/Core of the rat insulin II gene promoter does not mediate its transcriptional repression.	Journal of molecular endocrinology	47	3	Amyot J , Benterki I , Fontès G , Hagman DK , Ferdaoussi M , Teodoro T , Volchuk A , Joly É , Poitout V	2011-12-01
14	20628728	Glucolipototoxicity age-dependently impairs beta cell function in rats despite a marked increase in beta cell mass.	Diabetologia	53	11	Fontès G , Zarrouki B , Hagman DK , Latour MG , Semache M , Roskens V , Moore PC , Prentki M , Rhodes CJ , Jetton TL , Poitout V	2010-11-01
15	20092903	Lack of preservation of insulin gene expression by a glucagon-like peptide 1 agonist or a dipeptidyl peptidase 4 inhibitor in an in vivo model of glucolipototoxicity.	Diabetes research and clinical practice	87	3	Fontès G , Hagman DK , Latour MG , Semache M , Poitout V	2010-03-01
16	19715772	Glucolipototoxicity of the pancreatic beta cell.	Biochimica et biophysica acta	1801	3	Poitout V , Amyot J , Semache M , Zarrouki B , Hagman D , Fontès G	2010-03-01
17	19875615	Lack of TXNIP protects against mitochondria-mediated apoptosis but not against fatty acid-induced ER stress-mediated beta-cell death.	Diabetes	59	2	Chen J , Fontes G , Saxena G , Poitout V , Shalev A	2010-02-01
18	19720802	Deletion of GPR40 impairs glucose-induced insulin secretion in vivo in mice without affecting intracellular fuel metabolism in islets.	Diabetes	58	11	Alquier T , Peyot ML , Latour MG , Kebede M , Sorensen CM , Gesta S , Ronald Kahn C , Smith RD , Jetton TL , Metz TO , Prentki M , Poitout V	2009-11-01
19	19817784	Lipid receptors and islet function: therapeutic implications?	Diabetes, obesity & metabolism	11 Suppl 4		Kebede MA , Alquier T , Latour MG , Poitout V	2009-11-01
20	20011209	Cystic fibrosis-related diabetes: from CFTR dysfunction to oxidative stress.	The Clinical biochemist. Reviews / Australian Association of Clinical	30	4	Ntimbane T , Comte B , Mailhot G , Berthiaume Y , Poitout V , Prentki M ,	2009-11-01

		oxidative stress.	Association of Clinical Biochemists			Poitout V , Prentki M , Rabasa-Lhoret R , Levy E	
21	19502418	Involvement of Per-Arnt-Sim Kinase and extracellular-regulated kinases-1/2 in palmitate inhibition of insulin gene expression in pancreatic beta-cells.	Diabetes	58	9	Fontès G , Semache M , Hagman DK , Tremblay C , Shah R , Rhodes CJ , Rutter J , Poitout V	2009-09-01
22	19406947	Pioglitazone acutely reduces insulin secretion and causes metabolic deceleration of the pancreatic beta-cell at submaximal glucose concentrations.	Endocrinology	150	8	Lamontagne J , Pepin E , Peyot ML , Joly E , Ruderman NB , Poitout V , Madiraju SR , Nolan CJ , Prentki M	2009-08-01
23	19389712	Adipose triglyceride lipase is implicated in fuel- and non-fuel-stimulated insulin secretion.	The Journal of biological chemistry	284	25	Peyot ML , Guay C , Latour MG , Lamontagne J , Lussier R , Pineda M , Ruderman NB , Haemmerle G , Zechner R , Joly E , Madiraju SR , Poitout V , Prentki M	2009-06-19
24	19401432	GPR40: good cop, bad cop?	Diabetes	58	5	Alquier T , Poitout V	2009-05-01
25	19004825	The stability and transactivation potential of the mammalian MafA transcription factor are regulated by serine 65 phosphorylation.	The Journal of biological chemistry	284	2	Guo S , Burnette R , Zhao L , Vanderford NL , Poitout V , Hagman DK , Henderson E , Ozcan S , Wadzinski BE , Stein R	2009-01-09
26	18793158	Glucolipototoxicity of the pancreatic beta-cell: myth or reality?	Biochemical Society transactions	36	Pt 5	Poitout V	2008-10-01
27	18559658	The fatty acid receptor GPR40 plays a role in insulin secretion in vivo after high-fat feeding.	Diabetes	57	9	Kebede M , Alquier T , Latour MG , Semache M , Tremblay C , Poitout V	2008-09-01
28	18048763	Glucolipototoxicity: fuel excess and beta-cell dysfunction.	Endocrine reviews	29	3	Poitout V , Robertson RP	2008-05-01
29	17925452	Phospholipid hydrolysis and insulin secretion: a step toward solving the Rubik's cube.	American journal of physiology. Endocrinology and metabolism	294	2	Poitout V	2008-02-01
30	17991758	Cyclical and alternating infusions of glucose and intralipid in rats inhibit insulin gene expression and Pdx-1 binding in islets.	Diabetes	57	2	Hagman DK , Latour MG , Chakrabarti SK , Fontes G , Amyot J , Tremblay C , Semache M , Lausier JA , Roskens V , Mirmira RG , Jetton TL , Poitout V	2008-02-01
31	17507578	G protein-coupled receptors and insulin secretion: 119 and counting.	Endocrinology	148	6	Madiraju SR , Poitout V	2007-06-01
32	17395749	GPR40 is necessary but not sufficient for fatty acid stimulation of insulin secretion in vivo.	Diabetes	56	4	Latour MG , Alquier T , Oseid E , Tremblay C , Jetton TL , Luo J , Lin DC , Poitout V	2007-04-01
33	17137336	Characterization of the human pancreatic islet proteome by two-dimensional LC/MS/MS.	Journal of proteome research	5	12	Metz TO , Jacobs JM , Gritsenko MA , Fontès G , Qian WJ , Camp DG , Poitout V , Smith RD	2006-12-01
34	16549443	Regulation of the insulin gene by glucose and fatty acids.	The Journal of nutrition	136	4	Poitout V , Hagman D , Stein R , Artner I , Robertson RP , Harmon JS	2006-04-01
35	17051848	[2006 Apollinaire	Journées annuelles			Poitout V	2006-01-01

		Bouchardat Award. Fatty acids and pancreatic beta cell function].	de diab�tologie de l'H�tel-Dieu				
36	15944145	Palmitate inhibits insulin gene expression by altering PDX-1 nuclear localization and reducing MafA expression in isolated rat islets of Langerhans.	The Journal of biological chemistry	280	37	Hagman DK , Hays LB , Parazzoli SD , Poitout V	2005-09-16
37	15650027	Elevated glucose attenuates human insulin gene promoter activity in INS-1 pancreatic beta-cells via reduced nuclear factor binding to the A5/core and Z element.	Molecular endocrinology (Baltimore, Md.)	19	5	Pino MF , Ye DZ , Linning KD , Green CD , Wicksteed B , Poitout V , Olson LK	2005-05-01
38	15848159	Pancreatic islet response to hyperglycemia is dependent on peroxisome proliferator-activated receptor alpha (PPARalpha).	FEBS letters	579	11	Bihan H , Rouault C , Reach G , Poitout V , Staels B , Guerre-Millo M	2005-04-25
39	15665000	The islet beta cell-enriched MafA activator is a key regulator of insulin gene transcription.	The Journal of biological chemistry	280	12	Zhao L , Guo M , Matsuoka TA , Hagman DK , Parazzoli SD , Poitout V , Stein R	2005-03-25
40	15448091	Evidence against the involvement of oxidative stress in fatty acid inhibition of insulin secretion.	Diabetes	53	10	Moore PC , Ugas MA , Hagman DK , Parazzoli SD , Poitout V	2004-10-01
41	15265823	Beta-cell lipotoxicity: burning fat into heat?	Endocrinology	145	8	Poitout V	2004-08-01
42	15047616	A role for the malonyl-CoA/long-chain acyl-CoA pathway of lipid signaling in the regulation of insulin secretion in response to both fuel and nonfuel stimuli.	Diabetes	53	4	Roduit R , Nolan C , Alarcon C , Moore P , Barbeau A , Delghingaro-Augusto V , Przybykowski E , Morin J , Mass� F , Massie B , Ruderman N , Rhodes C , Poitout V , Prentki M	2004-04-01
43	14749276	Beta-cell glucose toxicity, lipotoxicity, and chronic oxidative stress in type 2 diabetes.	Diabetes	53 Suppl 1		Robertson RP , Harmon J , Tran PO , Poitout V	2004-02-01
44	15122090	Gluco-lipotoxicity of the pancreatic beta cell.	Annales d'endocrinologie	65	1	Poitout V , Briaud I , Kelpe C , Hagman D	2004-02-01
45	14564691	Palmitate potentiation of glucose-induced insulin release: a study using 2-bromopalmitate.	Metabolism: clinical and experimental	52	10	Parker SM , Moore PC , Johnson LM , Poitout V	2003-10-01
46	12771145	Palmitate inhibition of insulin gene expression is mediated at the transcriptional level via ceramide synthesis.	The Journal of biological chemistry	278	32	Kelpe CL , Moore PC , Parazzoli SD , Wicksteed B , Rhodes CJ , Poitout V	2003-08-08
47	12826323	The ins and outs of fatty acids on the pancreatic beta cell.	Trends in endocrinology and metabolism: TEM	14	5	Poitout V	2003-07-01
48	12510060	Insulin secretory deficiency and glucose intolerance in Rab3A null mice.	The Journal of biological chemistry	278	11	Yaekura K , Julyan R , Wicksteed BL , Hays LB , Alarcon C , Sommers S , Poitout V , Baskin DG , Wang Y , Philipson LH , Rhodes CJ	2003-03-14
49	12475375	Proinsulin processing	The Journal of	175	3	Guest PC , Abdel-	2002-12-01

		in the diabetic Goto-Kakizaki rat.	endocrinology			Halim SM , Gross DJ , Clark A , Poitout V , Amaria R , Ostenson CG , Hutton JC	
50	12451242	Effect of the two-layer (University of Wisconsin solution-perfluorochemical plus O ₂) method of pancreas preservation on human islet isolation, as assessed by the Edmonton Isolation Protocol.	Transplantation	74	10	Matsumoto S , Qualley SA , Goel S , Hagman DK , Sweet IR , Poitout V , Strong DM , Robertson RP , Reems JA	2002-11-27
51	12193544	Increasing triglyceride synthesis inhibits glucose-induced insulin secretion in isolated rat islets of langerhans: a study using adenoviral expression of diacylglycerol acyltransferase.	Endocrinology	143	9	Kelpe CL , Johnson LM , Poitout V	2002-09-01
52	11872664	Differential effects of hyperlipidemia on insulin secretion in islets of langerhans from hyperglycemic versus normoglycemic rats.	Diabetes	51	3	Briaud I , Kelpe CL , Johnson LM , Tran PO , Poitout V	2002-03-01
53	11796484	Minireview: Secondary beta-cell failure in type 2 diabetes--a convergence of glucotoxicity and lipotoxicity.	Endocrinology	143	2	Poitout V , Robertson RP	2002-02-01
54	11723064	PPAR-alpha-null mice are protected from high-fat diet-induced insulin resistance.	Diabetes	50	12	Guerre-Millo M , Rouault C , Poulain P , André J , Poitout V , Peters JM , Gonzalez FJ , Fruchart JC , Reach G , Staels B	2001-12-01
55	11679425	Antecedent hyperglycemia, not hyperlipidemia, is associated with increased islet triacylglycerol content and decreased insulin gene mRNA level in Zucker diabetic fatty rats.	Diabetes	50	11	Harmon JS , Gleason CE , Tanaka Y , Poitout V , Robertson RP	2001-11-01
56	11272142	Lipotoxicity of the pancreatic beta-cell is associated with glucose-dependent esterification of fatty acids into neutral lipids.	Diabetes	50	2	Briaud I , Harmon JS , Kelpe CL , Segu VB , Poitout V	2001-02-01
57	11565471	[Oxidative stress, insulin secretion, and insulin resistance].	Journées annuelles de diabétologie de l'Hôtel-Dieu			Poitout V , Tanaka Y , Reach G , Robertson RP	2001-01-01
58	10778881	Inhibition of insulin gene expression by long-term exposure of pancreatic beta cells to palmitate is dependent on the presence of a stimulatory glucose concentration.	Metabolism: clinical and experimental	49	4	Jacqueminet S , Briaud I , Rouault C , Reach G , Poitout V	2000-04-01
59	10786928	Glucose-induced insulin mRNA accumulation is impaired in islets from neonatal streptozotocin-treated rats.	Hormone and metabolic research = Hormon- und Stoffwechselforschung = Hormones et métabolisme	32	3	Briaud I , Rouault C , Bailbé D , Portha B , Reach G , Poitout V	2000-03-01
60	10741685	Glucose-induced insulin mRNA accumulation is	Hormone and metabolic research = Hormon- und	32	2	Briaud I , Rouault C , Bailbé D , Portha B , Reach G , Poitout V	2000-02-01

		accumulation is impaired in islets from neonatal streptozotocin-treated rats.	Hormon- und Stoffwechselforschung = Hormones et métabolisme			Reach G , Poitout V	
61	10531320	Prostaglandin E(2) mediates inhibition of insulin secretion by interleukin-1beta.	The Journal of biological chemistry	274	44	Tran PO , Gleason CE , Poitout V , Robertson RP	1999-10-29
62	10229678	Mode of regulation of the extracellular signal-regulated kinases in the pancreatic beta-cell line MIN6 and their implication in the regulation of insulin gene transcription.	The Biochemical journal	340 (Pt 1)		Benes C , Poitout V , Marie JC , Martin-Perez J , Roisin MP , Fagard R	1999-05-15
63	10094107	Long-term exposure of isolated rat islets of Langerhans to supraphysiologic glucose concentrations decreases insulin mRNA levels.	Metabolism: clinical and experimental	48	3	Briaud I , Rouault C , Reach G , Poitout V	1999-03-01
64	9805642	Does leptin regulate insulin secretion?	Diabetes & metabolism	24	4	Poitout V , Rouault C , Guerre-Millo M , Reach G	1998-09-01
65	9492008	Inhibition of insulin secretion by leptin in normal rodent islets of Langerhans.	Endocrinology	139	3	Poitout V , Rouault C , Guerre-Millo M , Briaud I , Reach G	1998-03-01
66	9482663	Glucose rapidly and reversibly decreases INS-1 cell insulin gene transcription via decrements in STF-1 and C1 activator transcription factor activity.	Molecular endocrinology (Baltimore, Md.)	12	2	Olson LK , Qian J , Poitout V	1998-02-01
67	9577883	[Use of islet cells in cell therapy].	Transfusion clinique et biologique : journal de la Société française de transfusion sanguine	5	1	Reach G , Darquy S , Poitout V	1998-02-01
68	9022089	Differentiation of glucose toxicity from beta cell exhaustion during the evolution of defective insulin gene expression in the pancreatic islet cell line, HIT-T15.	The Journal of clinical investigation	99	3	Moran A , Zhang HJ , Olson LK , Harmon JS , Poitout V , Robertson RP	1997-02-01
69	8971077	The defective glucagon response from transplanted intrahepatic pancreatic islets during hypoglycemia is transplantation site-determined.	Diabetes	46	1	Gupta V , Wahoff DC , Rooney DP , Poitout V , Sutherland DE , Kendall DM , Robertson RP	1997-01-01
70	8613527	Chronic exposure of betaTC-6 cells to supraphysiologic concentrations of glucose decreases binding of the RIPE3b1 insulin gene transcription activator.	The Journal of clinical investigation	97	4	Poitout V , Olson LK , Robertson RP	1996-02-15
71	8697299	Insulin-secreting cell lines: classification, characteristics and potential applications.	Diabetes & metabolism	22	1	Poitout V , Olson LK , Robertson RP	1996-02-01
72	8712804	An integrated view of beta-cell dysfunction in type-II diabetes.	Annual review of medicine	47		Poitout V , Robertson RP	1996-01-01
73	7593640	Somatostatin coordinately regulates glucagon gene expression and exocytosis in HIT-T15	The Journal of clinical investigation	96	5	Kendall DM , Poitout V , Olson LK , Sorenson RL , Robertson RP	1995-11-01

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74	7533732	Morphological and functional characterization of beta TC-6 cells--an insulin-secreting cell line derived from transgenic mice.	Diabetes	44	3	Poitout V , Stout LE , Armstrong MB , Walseth TF , Sorenson RL , Robertson RP	1995-03-01			
75	7602881	[The future of glycemic self-monitoring : between the dream and the reality].	Journées annuelles de diabétologie de l'Hôtel-Dieu			Reach G , Thomé V , Poitout V , Wilson GS , Klein JC	1995-01-01			
76	7607756	A method for obtaining monodispersed cells from isolated porcine islets of Langerhans.	The International journal of artificial organs	18	1	Pueyo ME , Darquy S , Arbet-Engels C , Poitout V , Di Maria S , Gangnerau MN , Reach G	1995-01-01			
77	7993192	A one-step, operator-independent method for isolating islets of Langerhans from the porcine pancreas.	Artificial organs	18	8	Arbet-Engels C , Darquy S , Capron F , Pueyo ME , Dimaria S , Poitout V , Reach G	1994-08-01			
78	7926347	Reduction of acetaminophen interference in glucose sensors by a composite Nafion membrane: demonstration in rats and man.	Diabetologia	37	6	Moatti-Sirat D , Poitout V , Thomé V , Gangnerau MN , Zhang Y , Hu Y , Wilson GS , Lemonnier F , Klein JC , Reach G	1994-06-01			
79	8160962	Elimination of the acetaminophen interference in an implantable glucose sensor.	Analytical chemistry	66	7	Zhang Y , Hu Y , Wilson GS , Moatti-Sirat D , Poitout V , Reach G	1994-04-01			
80	10172070	Development of a glucose sensor for glucose monitoring in man: the disposable implant concept.	Clinical materials	15	4	Poitout V , Moatti-Sirat D , Reach G	1994-01-01			
81	8359584	A glucose monitoring system for on line estimation in man of blood glucose concentration using a miniaturized glucose sensor implanted in the subcutaneous tissue and a wearable control unit.	Diabetologia	36	7	Poitout V , Moatti-Sirat D , Reach G , Zhang Y , Wilson GS , Lemonnier F , Klein JC	1993-07-01			
82	1525989	Progress toward the development of an implantable sensor for glucose.	Clinical chemistry	38	9	Wilson GS , Zhang Y , Reach G , Moatti-Sirat D , Poitout V , Thévenot DR , Lemonnier F , Klein JC	1992-09-01			
83	1373393	Towards continuous glucose monitoring: in vivo evaluation of a miniaturized glucose sensor implanted for several days in rat subcutaneous tissue.	Diabetologia	35	3	Moatti-Sirat D , Capron F , Poitout V , Reach G , Bindra DS , Zhang Y , Wilson GS , Thévenot DR	1992-03-01			
84	1457093	Calibration in dogs of a subcutaneous miniaturized glucose sensor using a glucose meter for blood glucose determination.	Biosensors & bioelectronics	7	8	Poitout V , Moatti-Sirat D , Reach G	1992-01-01			

Journal Articles

	Article Title	Authors	Journal	Publishing Status	Date	Contribution Role	Number of Contributors	Volume	Issue	Page Range	Refereed?
1	Per-Arnt-Sim Kinase regulates pancreatic duodenal homeobox-1	M. Semache, G. Fontés, S. Fogarty, C. Kikani, M.B. Chawki, J. Rutter	J Biol Chem	In Press	2013/7	Last Author					

	protein stability via phosphorylation of Glycogen Synthase Kinase 3 Beta in pancreatic beta-cells										
2	Npas4 is a novel activity-regulated cytoprotective factor in pancreatic -cells	P.V. Sabatini, N.A.J. Krentz, B. Zarrouki, C. Nian, R.A. Uy, M.E. Greenberg, V. Poitout, F.C. Lynn	Diabetes	In Press	2013/5	Co-Author	8				
3	The fatty acid receptor GPR40 mediates the neuromicrovascular degeneration induced by trans-arachidonic acids in rodents.	J.C. Honore, A. Kooli, D. Hamel, T. Alquier, J.C. Rivera, C. Quiniou, X. Hou, E. Kermorvant-Duchemin, J.S. Joyal, P. Hardy, V. Poitout, S. Chemtob	Arteriosclerosis Thrombosis and Vascular Biology	Published	2013/5	Co-Author	12	33	5	954-61	
4	The free fatty acid receptor GPR40 protects from bone loss through inhibition of osteoclast differentiation .	F. Wauquier, C. Philippe, L. Léotoing, S. Mercier, M-J. Davicco, P. Lebecque, J. Guicheux, P. Pilet, T. Alquier, V. Poitout, V. Coxam, Y. Wittrant	Journal of Biological Chemical	Accepted	2013/3	Co-Author	12	288	9	6542-51	
5	Free fatty acid receptor 1-dependent potentiation of insulin secretion is mediated by protein kinase D1.		Diabetologia	Published	2012/10	Last Author	11	55	10	2682-2692	Yes
6	Discovery of novel glucose-regulated proteins in isolated human pancreatic islets using LC-MS/MS-based proteomics.		J Proteome Research	Published	2012/7	Co-Author	10	11	7	3520-3532	Yes
7	Lipopolysaccharides Impair Insulin Gene Expression in Isolated Islets of Langerhans via Toll-Like Receptor-4 and NF-kappaB Signalling.		PLoS ONE	Published	2012/7	Last Author	5	7	4		Yes
8	Glucose activates free fatty acid receptor 1 gene transcription via phosphatidyli		Proc Natl Acad Sci USA	Published	2012/2	Last Author	7	109	7	2376-2381	Yes

	inositol-3-kinase-dependent O-GlcNAcylation of pancreas-duodenum homeobox-1.										
9	A human mutation with the per-arnt-sim (PAS) domain-containing protein kinase (PASK) causes basal insulin hypersecretion.	J Biol Chem	Published	2011/12	Co-Author	14	286	51	44005-44014	Yes	
10	Binding of activating transcription Factor 6 to the A5/Core of the rat insulin II gene promoter does not mediate its transcriptional repression.	J Mol Endocrinol	Published	2011/9	Last Author	9	47		273-283	Yes	
11	Glucolipototoxicity age-dependently impairs beta-cell function in rats despite a marked increase in beta-cell mass.	Diabetologia	Published	2010/11	Last Author	11	53		2369-2379	Yes	
12	Lack of preservation of insulin gene expression by a glucagon-like peptide 1 agonist or a dipeptidyl peptidase 4 inhibitor in an in vivo model of glucolipototoxicity.	Diabetes Research and Clinical Practice	Published	2010/3	Last Author	5	87		322-328	Yes	
13	Lack of TXNIP protects against mitochondria-mediated apoptosis, but not against fatty acid-induced, ER-stress-mediated beta cell death.	Diabetes	Published	2010/2	Co-Author	5	59		440-447	Yes	
14	Deletion of GPR40 Impairs glucose-induced insulin secretion in vivo in mice without affecting intracellular	Diabetes	Published	2009/11	Last Author	12	58		2607-2615	Yes	

	fuel metabolism in islets.										
15	Involvement of PAS Kinase and ERK 1/2 in palmitate inhibition of insulin gene expression in pancreatic beta cells.		Diabetes	Published	2009/9	Last Author	8	58		2048-2058	Yes
16	Pioglitazone acutely reduces insulin secretion and causes metabolic deceleration of the pancreatic beta-cell at submaximal glucose concentrations.		Endocrinology	Published	2009/8	Last Author	6	150		3465-3474	Yes
17	Adipose Triglyceride Lipase is implicated in fuel and non-fuel stimulated insulin secretion.		J. Biol Chem	Published	2009/6	Last Author	12	284		16484-16859	Yes
18	The stability and transactivation potential of the mammalian MAFA transcription factor is regulated by Serine 65 phosphorylation.		J. Biol Chem	Published	2009/1	Co-Author	10	284		2759-2765	Yes
19	The fatty-acid receptor GPR40 plays a role in insulin secretion in vivo after high-fat feeding.		Diabetes	Published	2008/9	Last Author	6	57		2432-2437	Yes

Book Chapters

	Chapter Title	Book Title	Volume	Publishing Status	Contribution Role	Authors	Date	Publisher	Refereed?
1	Glucolipototoxicity of the pancreatic beta-cell: Myth or reality?	Biochem. Soc. Trans.	36	Published	First Listed Author				
2	Modulating GPR40 - therapeutic promise and potential in diabetes	Drug Discovery Today		Submitted	First Listed Author	V. Poitout, D. C.-H. Lin	2013/4		
3	The beta-cell in metabolic syndrome. In "A systems biology approach to study metabolic syndrome"	Vidal-Puig and M. Oresic Eds		In Press	Last Author	38. B. Zarrouki, G. Fontés, M. Semache, J. Amyot, V. Poitout	2013/4	Springer	
4	The fatty-acid receptor FFA1/GPR40 a	Trends Endocrinol Metab		Published	Co-Author	A. Mancini, V. Poitout	2013/3		

	FFA1/GPR40 a decade later.	Metab							
5	Lipotoxicity impairs incretin signaling (Commentary)	Diabetologia	56	Published	First Listed Author	Poitout V.	2013/1	Springer	
6	Insulin gene expression and biosynthesis	International Textbook of Diabetes Mellitus		In Press	First Listed Author	Poitout V., Stein R., Rhodes C.J.	2012/12	John Wiley and sons	
7	Free Fatty Acid Receptor 1: A New Drug Target for Type 2 Diabetes?	Can J Diabetes	36	Published	Last Author	M. Ferdaoussi, V. Bergeron, M. Kebede, A. Mancini, T. Alquier, V. Poitout	2012/10		Yes
8	Glucolipotoxicity of the pancreatic beta-cell.	BBA Molecular and Cell Biology of Lipids	1801	Published	First Listed Author		2010/		
9	Lipid receptors and islet function: therapeutic implications?	Diabetes, Obesity & Metabolism	11	Published	Last Author		2009/11		
10	Cystic Fibrosis-Related Diabetes : From CFTR Dysfunction to Oxidative Stress.	Clin Biochem	30	Published	Co-Author		2009/11		
11	GPR40: Good Cop, Bad Cop?	Diabetes	58	Published	Co-Author		2009/		

Conference Publications

	Conference Publication Type	Publication Title	Authors	Conference Name	Publishing Status	Date	Contribution Role
1	Abstract	TAK-875 is a partial agonist of the free fatty acid receptor GPR40	A. Mancini, E. Carpentier, M. Bouvier V. Poitout	American Diabetes Association 73rd Scientific Sessions	Published	2013/6	Last Author
2	Abstract	The DeltaF508 mutation in the Cystic Fibrosis Transmembrane Regulator protein leads to a progressive decline of beta-cell function in mice	G. Fontés, I. Benterki, Y. Berthiaume, V. Poitout	American Diabetes Association 73rd Scientific Sessions	Published	2013/6	Last Author
3	Abstract	Impact of the DeltaF508 Mutation in the Cystic Fibrosis Transmembrane regulator on glucose homeostasis in mice		ADA 72nd Scientific Sessions	Published	2012/6	Last Author
4	Abstract	The FoxM1 Pathway is implicated in nutrient-induced beta-cell proliferation in rats		ADA 72nd Scientific Sessions	Published	2012/6	Last Author
5	Abstract	PAS Kinase regulates PDX-1 stability via GSK3 beta in pancreatic beta-cells		ADA 72nd Scientific Sessions	Published	2012/6	Last Author
6	Abstract	The Transgenic RIP-RLuc-eYFP rat, a new model to measure insulin gene promoter activity in vivo		ADA 72nd Scientific Sessions	Published	2012/6	Last Author
7	Abstract	Modulation of the pancreatic islet transcriptome by glucose and intralipid infusions in 6-month old rats		ADA 71st Scientific Sessions	Published	2011/6	Last Author
8	Abstract	Activating transcription factor 6 binds to the A5/Core of the rat insulin II gene promoter		ADA 71st Scientific Sessions	Published	2011/6	Last Author

9	Abstract	Protein Kinase D mediates fatty-acid potentiation of insulin secretion via GPR40		ADA 71st Scientific Sessions	Published	2011/6	Last Author
10	Abstract	Glucose regulates GPR40 gene expression		CDA Professional Conference and Annual Meetings	Published	2010/10	Last Author
11	Abstract	The role of PAS kinase in the regulation of insuline gene transcription		CDA Professional Conference and Annual Meetings	Published	2010/10	Last Author
12	Abstract	Trans-arachidonic acids generated after nitrativ stress induce cerebral microvascular degeneration through activation of the GPR40 receptor		SFRBM's 15th Annual Meeting	Published	2008/11	Co-Author
13	Abstract	Global Transcriptomic and Metabolomic Profiling of GPR40 Knock-Out Mouse Islets		CDA Professional Conference and Annual Meetings	Published	2008/10	Last Author