

CURRICULUM VITAE

Thierry BERNEY, MD, MSc

TABLE OF CONTENTS

1. Personal data	3
2. Current status.....	3
3. Education and diplomas	3
4. Professional training.....	4
5. Teaching	5
6. Research.....	5
7. Societies.....	5
8. Editorial Boards.....	6
9. Awards	6
10. Grants	7
11. Patents	12
12. Invited lectures	12

1. Personal data

Surname: **BERNEY**
First name: **Thierry**
place of birth: Jin Geneva, Switzerland. Switzerland and
Nationality: France (dual citizenship).

Professional address: Division of Transplantation
University of Geneva Hospitals
4, rue Gabrielle-Perret-Gentil
1211 Geneva 14
Switzerland
☎ +41 22/372.34.04
Fax +41 22/372.76.89
e-mail thierry.berney@hcuge.ch
ilia state university

2. Current status

Chief, Division of Transplantation, Department of Surgery, University of Geneva Hospitals, Geneva, Switzerland.

Senior Attending Surgeon, Visceral and Transplantation Surgery, Department of Surgery, University of Geneva Hospitals, Geneva, Switzerland.

Director, Islet, Pancreas and Small Bowel Transplantation Programs, Department of Surgery, University of Geneva Hospitals, Geneva, Switzerland.

Head, Cell Isolation and Transplantation Center, Department of Surgery, University of Geneva School of Medicine, Geneva, Switzerland.

3. Education and diplomas

High school

Collège Calvin, Geneva, Switzerland, 1971-1975.

Geneva, Switzerland, 1975: Maturité Fédérale type B, avec mention (**A levels, with honors**).

University

Swiss Federal Institute of Technology, Lausanne, Switzerland, 1976-1981.

Lausanne, Switzerland, 1981: Diplôme Fédéral d'Ingénieur (**MSc degree**).

Geneva University Medical School, Geneva, Switzerland, 1980-1987.

Geneva, Switzerland, 1985: Certificate of Tropical Medicine and Communal Health.

Geneva, Switzerland, 1987: Diplôme Fédéral de Médecin (**MD degree**).

Geneva, Switzerland, 1991: Diplôme de Docteur en Médecine. **MD thesis**: "Therapeutic approach to murine cryoglobulinemia with high dose immunoglobulins. Thesis # 9235, Geneva University Medical School, Geneva, Switzerland".

Geneva, Switzerland, 2003 : « **Privat-Dozent** » (Associate Professor) at the University of Geneva School of Medicine.

Thesis : "Islet of Langerhans transplantation in rodent models. Immunomodulatory strategies in the NOD mouse. Studies of mechanisms of islet primary nonfunction."

Geneva, Switzerland, 2007 : Professor of Surgery, Department of Surgery, University of Geneva School of Medicine, Geneva, Switzerland.

Post-graduate education and diplomas

Berne, Switzerland, 1996: Titre de spécialiste FMH en Chirurgie (**Swiss Board of Surgery**).

Maastricht, The Netherlands, Dec.1997; Birmingham, United Kingdom, Apr.1998: Hesperis Course of the European College of Transplantation.

Geneva, Switzerland, 1998: United States Medical Licensing Examination.

Miami, Florida, Oct. 2001: ASTS fellowship in Transplantation Surgery.

Berne, Switzerland, 2006: Titre de spécialiste FMH en Chirurgie Viscerale (**Swiss Board of Visceral Surgery**).

4. Professional career

Sept. 2015-ongoing Chief, Division of Transplantation, University of Geneva Hospitals, Geneva, Switzerland

Sept. 2012-Sept.2019 Vice Dean, University of Geneva School of Medicine, Geneva, Switzerland

Dec. 2007- Aug.2015 Associate Professor of Surgery, University of Geneva School of Medicine, Geneva, Switzerland

Sept. 2003-Dec. 2007 Privat Docent (Assistant Professor of Surgery), University of Geneva School of Medicine, Geneva, Switzerland

Jan. 2002-Sep. 2015 Attending surgeon, Department of Surgery, University of Geneva Hospitals, Geneva, Switzerland.

Oct. 2001- Dec.2001: Visiting physician, Diabetes Research Institute and Cell Transplantation Center, University of Miami, Miami, USA (3 months).

Oct.1998-Sep. 2001: Fellow, Department of Surgery, Division of Transplantation, Jackson Memorial Hospital, University of Miami, Miami, USA (3 years).

Oct.1998-Sep. 2000: Post-doctoral fellow, Diabetes Research Institute and Cell Transplantation Center, University of Miami, Miami, USA (2 years).

Apr.1997-Jun.1997: Visiting surgeon, Pancreas and Kidney Transplantation Unit, Catholic University of Louvain, Brussels, Belgium (3 months).

Apr.1996-Sep.1998: Attending surgeon, Department of Surgery, University of Geneva Hospitals, Geneva, Switzerland (2.5 years).

Oct.1995-Mar.1996: Resident, Department of Surgery, University of Geneva Hospitals, Geneva, Switzerland (6 months).

Oct.1994-Sep.1995: Resident, Department of Surgery, Regional Hospital, Martigny, Switzerland (1 year).

- Oct.1990-Sep.1994: Resident, Department of Surgery, University of Geneva Hospitals, Geneva, Switzerland (4 years).
- Oct.1988-Sep.1990: Research fellow, Department of Pathology, University of Geneva School of Medicine, Geneva, Switzerland (2 years).
- Apr.1987-Sep.1987: Resident, Department of Surgery, University of Geneva Hospitals, Geneva, Switzerland (6 months).

5. Teaching

- Pre-graduate : lectures and seminars to 4th-6th year medical students
Supervisor of teaching program in surgery to 4th year medical students
- Paramedical : Lectures to Operating Room Nursing School
- Post-graduate : Seminars and practical teaching to surgical residents

6. Research

- Clinical islet transplantation for type 1 diabetes
- Clinical islet autotransplantation for the prevention of surgical diabetes
- Experimental islet of Langerhans transplantation in rodent models
- Study of the mechanisms of engraftment and primary nonfunction in islet of Langerhans transplantation
- Islet of Langerhans imaging
- Bioartificial pancreas

7. Societies

- 2017-- 2019 : President of IPITA (International Pancreas and Islet Transplantation Association)
- 2015 – 2017 : President of ESOT (European Society of Organ Transplantation)
- 2014 – 2016 : President of the Swiss Society of Transplantation
- 2013 – 2015 : Secretary of ESOT
- 2011 – 2015 : Treasurer of IPITA
- 2007 – 2013 : Founding President of EPITA (European Pancreas and Islet Transplantation Association)
- 2007 – 2011 : Councilor of CTS (Cell Transplantation Society)
- 2005 – 2011 : Councilor of IPITA (International Pancreas and Islet Transplantation Association)

- 2017 - 2020: Member of IHPBA (International Hepato-Pancreato-Biliary Association)
- 2009 - : Member of ESA (European Surgical Association)
- 2007 - : Member of ESOT(European Society of Organ Transplantation)
- 2007- : Founding member of EPITA, European Pancreas and Islet Transplant Association
- 2006 - : Member of the Cell Transplantation and Regenerative Medicine Society (CTRMS)
- 2003 - : Founding member of ITA (Intestinal Transplantation Association)

- 2003 - : Member of IPITA (International Pancreas and Islet Transplantation Association)
- 2000 - : Member of TTS (The Transplantation Society)
- 2002 - : Member of ASTS (American Society of Transplant Surgeons)
- 2002- : Founding member of the Swiss Society of Transplantation
- 2002 - : Member of the Francophone Transplantation Society
- 1997 - : Member of the Swiss Society of Surgery

8. Editorial Boards

- Editor-in-chief of « Transplant International »
- Member of Editorial Board of « Cell Transplantation »
- Member of Editorial Board of « Current Transplantation Reports »
- Member of Editorial Board of « Cell R4 »

9. Awards and Honors

October 2003 :
Visiting Professor, Military Medical Academy, Belgrade, Serbia

January 2004 :
Swisstransplant Research Award

October 2005:
Visiting Professor, Sichuan University, Chengdu, China

November 2005 :
"Fondation Romande pour la recherche sur le diabète" Award

January 2007 :
Swisstransplant Research Award

November 2010 :
"Fondation Romande pour la recherche sur le diabète" Award

January 2011 :
Marc-Claude Marti Award for Surgical Research, Geneva, Switzerland

June 2011 :
Swiss Society of Surgery Award

June 2013 :
Honorary Professor, Georgian National Institute of Surgical research, Tbilisi, Georgia

November 2014 :
"Fondation Romande pour la recherche sur le diabète" Award, Geneva, Switzerland

December 2019 :
Honorary Member, French National Academy of Surgery, Paris, France

10. GrantsCompleted grants

- June 1998
Fondation Suisse pour les Bourses en Médecine et Biologie (FSBMB)
Berney T
Research Grant (1 year) CHF 55'070.--
- August 2000
Swiss National Research Foundation N° 32-061873.00
Morel P (PI), Oberholzer J, Buhler L, **Berney T**
*Pancreatic Islet Transplantation for the Treatment of Diabetes :
Mechanisms involved in primary and secondary poor graft function.
Strategies for the prevention of rejection in islet xenotransplantation*
Research Grant (3 years) CHF 260'000.--
- November 2001
Association Genevoise du Diabète
Morel Ph (PI), Philippe J, Oberholzer J, **Berney T**
*Pancreatic islet transplantation for the treatment of diabetes: investigation of early
events during islet transplantation and strategies for the early detection of rejection or
auto-immune recurrence after islet allotransplantation in type 1 diabetic patients*
Research Grant (2 years) CHF 200'000.--
- August 2003
Swiss National Research Foundation N° 32-00BO-102134
Morel Ph (PI), Bosco D, Buhler L, **Berney T**
*Pancreatic Islet Transplantation for the Treatment of Diabetes:
Clinical islet transplantation. Islet primary nonfunction. Islet xenotransplantation*
Research Grant (3 years) CHF 264'000.--
- November 2003
Fondation Ernst et Lucie Schmidheiny
Berney T
Study of the impact of tissue culture prior to clinical islet of Langerhans transplantation
Research Grant (2 years) CHF 25'000.--
- January 2004
Fonds Recherche et Développement des HUG
Berney T
Study of the impact of tissue culture prior to clinical islet of Langerhans transplantation
Research Grant (2 years) CHF 50'000.--
- January 2004
Fonds Recherche et Développement des HUG
Toso C (requérant principal), Slosman D, Morel Ph, **Berney T**
Transplantation of islet of Langerhans: study of early post transplant events by PET
Research Grant (1 year) CHF 50'000.--
- January 2005
Juvenile Diabetes Research Foundation N° 9-2004-384
Korsgren O (requérant principal), **Berney T**, Secchi A, Pipeleers D, Brendel M

- European Consortium for islet transplantation*
Research Grant (3 years) US\$ 135'385.--*
- April 2005
Fondation pour la lutte contre le cancer et pour des recherches médico-biologiques
Berney T
*Transplantation d'îlots de Langerhans pour le traitement du diabète de type 1 :
Amélioration de l'implantation et du suivi des greffons d'îlots*
Research Grant (2 years) CHF 150'000.--
 - November 2005
Fondation Romande pour la Recherche sur le Diabète
Berney T
*Transplantation d'îlots de Langerhans pour le traitement du diabète de type 1 :
Amélioration de l'implantation et du suivi des greffons d'îlots.*
Research Grant (2 years) CHF 50'000.--
 - October 2006
Fonds National Suisse de la Recherche Scientifique N° 32-00BO-113899
Berney T
Islet of Langerhans graft monitoring by magnetic resonance imaging
Research Grant (3 years) CHF 197'000.--
 - October 2006
Juvenile Diabetes Research Foundation N° 6-2005-1178
Korsgren O (PI), **Berney T**, Secchi A, Pipeleers D, Brendel M
Providing human islets for research
Research Grant (2 years) US\$ 240'000.--*
 - October 2006
Fonds Juvenile Diabetes Research Foundation N° 6-2006-1098
Secchi A (PI), **Berney T**, Benhamou PY, Brendel M
*A multistep trial towards single donor islet transplantation in type 1 diabetic
patients using tacrolimus inhibitor-free immunosuppression*
Research Grant (1 year) US\$ 150'000.--*
 - October 2006
National Institutes of Health N° 1 R01 AI 74225-01
Berney T
Islet of Langerhans graft monitoring by magnetic resonance imaging
Research Grant (3 years) US\$ 648'000.--
 - April 2007
Swiss National Research Foundation N° 32-00BO-116562
Morel Ph (PI), **Berney T**, Bühler L, Bosco D
*Pancreatic Islet Transplantation for the Treatment of Diabetes :
Clinical islet transplantation. Islet primary nonfunction. Islet xenotransplantation*
Research Grant (3 years) CHF 377'000
 - October 2008
Swiss National Research Foundation N° 32-00BO-120376
Bosco D (PI), **Berney T**
The role of E-cadherin on survival and function of human beta-cells
Research Grant (3 years) CHF 279'000.—

- October 2009
 Swiss National Research Foundation N° 320030_127583
Berney T, Bosco D, Vallee J.-P.
Islet of Langerhans graft monitoring by magnetic resonance imaging
 Research Grant (4 years) CHF 331'000.—
- December 2009
 Fondation Insuleman
Berney T
Comparison of endocrine secretory reserve in recipients of islet of Langerhans versus whole pancreas transplants : a cross-sectional study
 Research Grant (2 years) CHF 48'600.—
- August 2010
 Roche Pharma (Suisse) S.A.
Berney T.
Long-term maintenance of functional beta cell mass after islet transplantation : the role of beta cell proliferation
 Research Grant (2 years) CHF 20'000.--
- November 2010
 Fondation romande pour la Recherche sur le Diabète
Berney T.
Pancreatic islet transplantation for the treatment of diabetes : prevention of early graft loss by blockade of proinflammatory chemokines
 Research Grant (2 years) CHF 50'000.—
- January 2008
 Fonds Juvenile Diabetes Research Foundation N° 31-2008-416
 Piemonti L (PI), **Berney T**, Korsgren O, Pattou F
European Consortium for islet transplantation
 Research Grant (5 years) US\$ 562'500.--*
- August 2010
 Fondation pour la lutte contre les cancers et pour les recherches médico-biologiques
Berney T.
Imagerie des greffons d'îlots de Langerhans après transplantation pour diabète de type 1
 Research Grant (3 years) CHF 30'000.—
- September 2010
 Astellas Pharma AG
Berney T.
Comparison of endocrine secretory reserve in recipients of islet of Langerhans versus whole pancreas transplants : a cross-sectional study
 Research Grant (2 years) CHF 48'600.—
- August 2013
 Swiss National Research Foundation N° 310030-143462/1
 Bosco D (PI), **Berney T**
Role of heterotypic interactions between beta-, alpha- and endothelial cells in the function of transplanted pancreatic islets
 Research Grant (3 years) CHF 278'840.--

- January 2013
Fonds Juvenile Diabetes Research Foundation N° 31-2012-783
Berney T
ECIT islets for Basic Research
Research Grant (1 year) US\$ 125'000.—
- September 2013
Xigen S.A. (Suisse) S.A.
Berney T.
Evaluation of the dose-reponse to the Xigen XG-102 JNK inhibitor in islet isolation /transplantation
Research Grant (1 year) CHF 52'640.—
- January 2014
Fonds Juvenile Diabetes Research Foundation N° 1-RSC-2014-100-I-X
Berney T
ECIT islets for Basic Research
Research Grant (1 year) US\$ 125'000.—
- January 2014
Swiss National Research Foundation N° 310030-149798
Berney T, Bosco D
Role of toll-like receptors in autoimmunity and cellular allorejection and vascularized organ
Research Grant (3 years) CHF 360'908.--
- October 2014
Fondation Romande pour la Recherche sur le diabète
Berishvili E, Bosco D, **Berney T.**
Toward the bioartificial pancreas : human amniotic membrane as a novel immunoprotective biological scaffold for islet graft implantation
Research Grant (2 years) CHF 84'107.—
- January 2015
Fonds Juvenile Diabetes Research Foundation N° 1-RSC-2014-100-I-X
Berney T
ECIT islets for Basic Research
Research Grant (1 year) US\$ 125'000.—
- October 2013
Fonds européen FP7-HEALTH-2013-INNOVATION-1 N° 602235
Berney T
Nano Engineering for Cross Tolerance : new approach for bioengineered, vascularized, chimeric islet transplantation in non-immunosuppressed hosts
Research Grant (4 years) € 836'400.—
- January 2014
Swiss National Research Foundation N° 310030-149798
Berney T, Bosco D
Role of toll-like receptors in autoimmunity and cellular allorejection and vascularized organ
Research Grant (3 years) CHF 360'908.--

- March 2014
 Swiss National Research Foundation N° IZ73Z0_152473/1
Berney T
Extrahepatic site for islet of Langerhans transplantation for the treatment of type 1 diabetes in a large mammal model
 Research Grant (3 years) CHF 100'325.--
- October 2015
 Fondation privée des HUG
 Herrera P, **Berney T.**
Converting human alpha-cells towards the beta-cell phenotype
 Research Grant (3 years) CHF 600'000.--
- January 2016
 Fonds Juvenile Diabetes Research Foundation N° 3-RSC-2016-162-I-X
Berney T
ECIT islets for Basic Research
 Research Grant (3 years) US\$ 375'000.—
- October 2016
 Swiss National Research Foundation N° 31003A_170090
 Bosco D, **Berney T**, Berishvili E
The role of direct contacts between alpha and beta cells in the function of pancreatic islets
 Research Grant (3 years) CHF 372'000.—

Ongoing funding

- August 2017
 Swiss National Research Foundation N° 310030_173138
Berney T, Bosco D
Toward the bioartificial pancreas : bioengineering of novel vascularized, insulin-secreting, immunoprotective 3D constructs on human amniotic membrane matrix
 Research Grant (4 years) CHF 496'000.--

11. Patents

Kurfuerst M, Raemsch C, Raemsch-Guenter N, Friedrich O, Huettler S, Brandhorst D, **Berney T**, Bucher P, inventors.
 Neutrale Protease (NP) und Produkt unter Verwendung von neutraler Protease für Gewebedissoziation sowie Verfahren zu dessen Herstellung.
 European patent Nr 04012321.8-, Europea patent Office, July 16, 2004.

12. Invited lectures

1. **Berney T.** Colloques du Département de Chirurgie, Geneva University Hospital, Geneva, Switzerland, 30 January 1998 : « *Transplantation rénale à partir de « non-heart-beating donors* »
2. **Berney T.** Colloques du Département de Chirurgie, Geneva University Hospital, Geneva, Switzerland, 21 January 2002 : « *Transplantation intestinale : indications et résultats* »
3. Kaiser L, **Berney T.** Colloque Transdépartemental de Transplantation Geneva University Hospital, Geneva, Switzerland, 14 May 2002 : « *CMV: Stratégies de détection et nouveautés thérapeutiques* »
4. **Berney T,** Morel Ph. 37th Congress of the European Society for Surgical Research Szeged, Hungary, 24 May 2002 : « *State of the art kidney-pancreas transplantation at the turn of the millenium* »
5. **Berney T.** MSD Symposium “Le point sur l’ischémie mésentérique”, Geneva University Hospital, Geneva, Switzerland, 26 June 2002 : « *Pronostic actuel de la greffe intestinale* »
6. **Berney T,** Morel Ph. Seminario Trasplantes de Organos y Celulas Abdominales, International University Menendez Pelayo, Santander, Spain, 10 July 2002 : « *Islet transplantation: technical aspects, selection of patients, immunosuppression* »
7. **Berney T,** Morel Ph. Seminario Trasplantes de Organos y Celulas Abdominales, International University Menendez Pelayo, Santander, Spain, 11 July 2002 : « *Intestinal transplantation: new developments and current results* »
8. **Berney T,** Morel Ph. Symposium MSD “Le point sur la transplantation d’organes”, Geneva University Hospital, Geneva, Switzerland, 9 October 2002 : « *Transplantation d’îlots de Langerhans. Progrès récents et résultats actuels* »
9. **Berney T.** Colloques du Département de Pédiatrie, Geneva University Hospital, 7 November 2002 : « *Transplantation d’îlots de Langerhans. Progrès récents et résultats actuels* »
10. **Berney T.** Colloques du Département de Médecine, Hôpitaux Universitaires de Genève, Geneva, Switzerland, 19 Novembre 2002 « *Transplantation de l’intestin grêle* »
11. **Berney T.** Journées Médico-Chirurgicales d’Hépatologie et de Gastro-entérologie, Forum, Geneva, Switzerland, 28 November 2002 : « *Progrès récents en transplantation intestinale* »
12. **Berney T.** “Islet 2002 and beyond” Symposium, Annenberg Center for Medical Research, Rancho Mirage, California, USA, 5 December 2002 : « *Islet transplantation program at the University of Geneva* »
13. **Berney T.** 1st Congress of the Swiss Transplantation Society, Interlaken, Switzerland, 24 January 2003 : « *Clinical trials in islet transplantation* »
14. **Berney T.** IV Children and Adolescent Diabetes Update Symposium, Santander, Spain, 1^{er} March 2003 : « *Clinical trials of islet transplantation* »

15. **Berney T.** 38^{ème} Congrès Annuel de la Société Allemande de Diabétologie, Bremen, Germany, 29 May 2003 : *"GRAGIL-Model of an islet transplantation network"*
16. **Berney T, Morel Ph.** 9th Congress of the International Pancreas and Islet Transplant Association, Dublin, Ireland, 10 July 2003 : *"Clinical islet transplantation overview: The University of Geneva experience"*
17. **Berney T.** 5^{ème} Réunion commune de la Société de Néphrologie et de la Société Francophone de Dialyse, Nancy, France, 2 October 2003 : *"Résultats actualisés de la transplantation d'îlots de Langerhans dans le monde"*
18. **Berney T.** 2nd International Islet Isolation Workshop, Network of Islet Centers in Europe (NICE), Giessen, Germany, 13 October 2003 : *"Islet transplant procedure, immunosuppressive protocols, peritransplant management"*
19. **Berney T.** Hôpital Militaire de Belgrade, Belgrade, Serbia-Montenegro, 17 October 2003 : *"Transplantation of the pancreas"*
20. **Berney T.** Wyeth Symposium Islet transplantation and immune tolerance, Centre Médical Universitaire de Genève, Geneva, Switzerland, 4 November 2003 : *"Immunosuppression protocols in islet transplantation : past, present and future"*
21. **Berney T.** Journée Romande du Diabète, Geneva, Switzerland, 8 November 2003 : *"Transplantation et Diabète de type 1"*
22. **Berney T.** Cours Hesperis du Collège Européen de Transplantation (ECOT), Basel, Switzerland, 20 November 2003 : *"Islet transplantation (technique, indications, results, arguments pro islet)"*
23. **Berney T.** Colloques de la Division de Diabétologie-Endocrinologie, Centre Hospitalier Universitaire Vaudois, Lausanne, Switzerland, 13 January 2004 : *"Transplantation d'îlots de Langerhans"*
24. **Berney T.** STATKO Meeting, 2nd Annual Meeting of the Swiss Transplantation Society, Interlaken, Switzerland, 29 January 2004 : *"Small bowel transplantation: indications and results"*
25. **Berney T.** Groupe d'Intérêts Communs d'Infirmières-conseil Romandes et Tessinoises en Diabétologie (GICID), Lausanne, Switzerland, 13 March 2004 : *"Transplantation d'îlots de Langerhans et de pancréas"*
26. **Berney T.** Meeting sur l'insuffisance rénale chronique, La Chaux-de-Fonds, Switzerland, 25 March 2004 : *"Options de transplantation chez les diabétiques"*
27. **Berney T.** Wyeth Symposium Research Round Table, Bern, Switzerland, 28 April 2004 *"Rapamycin-based immunosuppressive strategies for islet allogeneic transplantation in the NOD mouse"*
28. **Berney T, Morel Ph.** Assemblée annuelle commune, Société Suisse de Cardiologie (SSC) et Société Suisse d'Angiologie (SSA), Basel, Switzerland, 4 June 2004 : *"Tomorrow's Treatment of Diabetes: Islet Transplantation"*
29. **Berney T.** IVth National Congress of Transplantation, Constanta, Romania, 25 June 2004 : *"Technical aspects of the islet isolation and transplantation procedures"*

30. **Berney T.** IVth National Congress of Transplantation, Constanta, Romania, 25 June 2004 : *"Results of clinical islet transplantation. Multicenter networks of islet transplantation"*
31. **Berney T.** IVth National Congress of Transplantation, Constanta, Romania, 25 June 2004 : *"Pancreas versus islet transplantation in type 1 diabetes"*
32. **Berney T.** IIIrd International Islet Isolation Workshop of the Network of Islet Centers in Europe (NICE). Milan, Italy, 11-13 October 2004 : *"Islet transplantation procedure. Immunosuppressive protocols"*
33. **Berney T.** Colloque de Transplantation, Centre de Transplantation d'Organes, CHUV, Lausanne, Switzerland, 8 November 2004 : *« Transplantation de pancreas ou d'îlots de Langerhans pour le traitement du diabète de type 1 »*
34. **Berney T.** Symposium « Traitement du diabète et insuffisance rénale » de l'Association des Néphrologues du Nord-Pas de Calais, Lille, France, 12 March 2005 : *« Indications des greffes rein/pancréas et rein/îlots pancréatiques »*
35. **Berney T.** Congrès annuel de l'ALFEDIAM (Association de Langue Française d'Etude du Diabète et des Maladies Métaboliques), Lyon, France, 22-26 March 2005 : *« Greffes d'îlots ou de pancreas ? »*
36. **Berney T.** IVth International Islet Isolation Workshop of the of the Network of Islet Centers in Europe (NICE). Geneva, Switzerland, 2-4 May 2005 : *« Advances and challenges in islet transplantation »*
37. **Berney T.** IVth International Islet Isolation Workshop of the of the Network of Islet Centers in Europe (NICE). Geneva, Switzerland, 2-4 May 2005 : *"Indications for islet transplantation and patient selection"*
38. **Berney T.** Xth World Congress of IPITA (International Pancreas and Islet Transplant Association). Geneva, Switzerland, 4-7 May 2005 : *"Beta cell imaging"*
39. **Berney T.** Nephrology Mini-Symposium, Inselspital, Bern, Switzerland, 21 June 2005 : *"Islet transplantation: new opportunities to treat type 1 diabetes"*
40. **Berney T.** Consensus conference on pancreas and islet transplantation in Spain, Madrid, Spain, 20 September 2005 : *"Beta cell replacement therapy : integrated approach"*
41. **Berney T.** Roche Transplantation Symposium; Bern, Switzerland, 22 September 2005 : *"Advances and challenges in islet of Langerhans transplantation"*
42. **Berney T.** First Chinese-International Forum on Islet Transplantation, Changsha, China, 22-23 October 2005 : *"Clinical islet transplantation in multicenter networks"*
43. **Berney T.** Invited Professor Lecture, University of Sichuan, Chengdu, China, 24 October 2005 : *"Advances and challenges in islet transplantation"*
44. **Berney T.** Invited Professor Lecture, University of Sichuan, Chengdu, China, 24 October 2005 : *" Pancreas and islet transplantation: an integrated approach"*
45. **Berney T.** Symposium MSD, Geneva, Switzerland, 18 January 2006 : *« Transplantation d'îlots de Langerhans »*

46. **Berney T.** Module de Formation « Bonne Pratique des Essais Cliniques », Fondation Louis-Jeantet, Geneva, Switzerland, 18-20 January 2006 : « *Les greffes d'organes et de tissus* »
47. **Berney T.** 4th Annual Meeting of the Swiss Transplantation Society, Interlaken, Switzerland, 27-28 January 2006 . “*Emerging alternatives to allotransplantation : Pancreas transplantation*”
48. **Berney T.** 25th Workshop of the AIDPIT Study Group, Pisa, Italy, 5-7 February 2006 : “*25 years of immunosuppression therapies in beta cell replacement therapy*”
49. **Berney T.** 25th Workshop of the AIDPIT Study Group, Pisa, Italy, 5-7 February 2006 : “*Integrated approach for beta cell replacement therapy*”
50. **Berney T.** XVIII Congreso de la Sociedad Española de Diabetes, Madrid, Spain, 24 April 2006 : « *Réseau multicentrique Franco-Suisse (GRAGIL) pour la transplantation d'îlots* ».
51. **Berney T.** 5th International Workshop of the Network of Islets Centers in Europe (NICE), Lille, France, 25-27 September 2006 : “*Serva Collagenase NB-1 versus Liberase*”
52. **Berney T.** Eurotransplant Meeting , Leiden, The Netherland, 5 October 2006 : “*International cooperation in the development of islet transplantation : The GRAGIL Network*”
53. **Berney T.** Journée Thématique ALFEDIAM, Paris, France, 10 November 2006. « *Islet Graft Monitoring* »
54. **Berney T.** Cours Hesperis du Collège Européen de Transplantation (ECOT), Lyon, France, 25 November 2006 : “*Islet transplantation : Islet preparation, indications and results*”
55. **Berney T.** Congrès annuel de la Société Francophone de Transplantation, Tunis, Tunisie, 6-9 December 2006 : « *Transplantation d'îlots de Langerhans: où en est-on 6 ans après Edmonton?* »
56. **Berney T.** Symposium de diabétologie franco-suisse, Chamonix, France, 2-4 February 2007 : « *Imagerie des cellules bêta humaines* »
57. **Berney T.** Second International Gulf Group for the Study of Diabetes Conference, Muscat, Sultanate of Oman, 11-14 February 2007 : “*Integrated approach of pancreas versus islet transplantation in type 1 diabetes*”
58. **Berney T.** American Transplant Congress 2007, San Francisco, USA, 5-9 May 2007 “*Regulatory Issues in Islet Transplantation*”
59. **Berney T.** Third Mantua Workshop on Diabetes Mellitus and Related Conditions, Mantua, Italy, 9-12 May 2007 : “*Islet cells transplantation: a balance between dream and reality*”
60. **Berney T.** First Turkish Congress of Artificial Organs and Support Systems, Istanbul, Turkey, 15-17 June 2007 : “*A new method for creating a bioartificial pancreas, xenotransplantation, cell lines or stem cell*”

61. **Berney T.** First Turkish Congress of Artificial Organs and Support Systems, Istanbul, Turkey, 15-17 June 2007 : *"Islet cell transplantation"*
62. **Berney T.** Joint Congress IPITA/IXA/CTS 2007, Minneapolis, Minnesota, USA, 14-21 September 2007 : *"Enzymes for islet isolation: How I do it"*
63. **Berney T.** 6th International Workshop of the Network of Islets Centers in Europe (NICE), Palermo, Italy, 8-10 octobre 2007 : *"Islet shipment. Networks for islet transplantation"*
64. **Berney T.** Journée Romande de Diabétologie, Lausanne, Switzerland, 8 November 2007 : *« Greffe de pancreas – Mode d’emploi à l’intention des diabétologues »*
65. **Berney T.** "25 years of pancreas transplantation in Belgium" Symposium, Liège, Belgium, 15 November 2007 : *"Islet Transplant Alone: How far can we go ?"*
66. **Berney T.** Hesperis Course of the European College of Transplantation, Saint-Gallen, Switzerland, 20-25 November 2007 : *"Pancreas and Islet Transplantation: Indications and Patient Selection. Islet isolation and transplantation procedure"*
67. **Berney T.** Hesperis Course of the European College of Transplantation, Saint-Gallen, Switzerland, 20-25 November 2007 : *"Pancreas and Islet Transplantation: Results and Monitoring. Transplantation for type 2 diabetes"*
68. **Berney T.** Module de Formation « Bonne Pratique des Essais Cliniques », Fondation Louis-Jeantet, Geneva, Switzerland, 16-18 January 2008 : *« Transplantations d’organes et de tissus »*
69. **Berney T.** 6th Annual Congress of the Swiss Transplantation Society, Interlaken, Switzerland, 25-26 January 2008 : *"Imaging of the islet graft"*
70. **Berney T.** Advanced Technologies & Treatments for Diabetes, Prague, Czech Republic, 27 February – 1 March 2008 : *"Advances and challenges in islet of Langerhans transplantation"*
71. **Berney T.** XXXV Annual meeting European Society for Artificial Organs, Geneva, Switzerland, 3-6 September 2008 : *"Islet transplantation"*
72. **Berney T.** Symposium ESOT – European Transplant Fellow Workshop, Padova, Italia, 19-21 September 2008 : *"Clinical problems after pancreas transplantation"*
73. **Berney T.** Symposium Romand de Transplantation, Prangins, Switzerland, 6 November 2008 : *« Transplantation de pancreas ou d’îlots de Langerhans : pro/contra »*
74. **Berney T.** Congress of the Middle East Society of Organ Transplantation (MESOT), Shiraz, Iran, 15-18 November 2008 : *"Islet of Langerhans Transplantation"*
75. **Berney T.** Colloques de la Division de Diabétologie-Endocrinologie, Centre Hospitalier Universitaire Vaudois, Lausanne, Switzerland, 2 December 2008 : *"Monitoring des greffons d’îlots de Langerhans"*
76. **Berney T.** 28th Workshop of the AIDPIT Study Group, Igls, Austria, 24-26 January 2009 : *"Algorithms for pancreas versus islet transplantation"*
77. **Berney T.** Congress of the Swiss Transplantation Society, Interlaken, Switzerland, 30-31 January 2009 : *"Intestinal Transplantation"*

78. **Berney T.** Decimo Congreso de la Societat Catalana de Trasplantament, Barcelona, Spain, 20-23 February 2009 : *“New strategies for islet transplantation”*
79. **Berney T.** Invited Lecturer Uppsala University, Sweden, 24 April 2009 : *“Imaging of islets grafts”*
80. **Berney T.** Congrès International Hepatobiliary, Pancreatic and Transplantation days (IHPB), Geneva, Switzerland, 9 May 2009 : *“Islet of Langerhans transplantation. Long-term results and new perspectives”*
81. **Berney T.** 9th Congress of Polish Transplantation Society, Cracow, Poland, 14-16 May 2009 : *“Toward cell-based cure for diabetes”*
82. **Berney T.** 7th Starnberg Congress, Munich, Germany, 12 June 2009. *“Islet transplantation : a chance for long-term insulin independence ?”*
83. **Berney T.** 15th NAT Meeting “Beta cell replacement in the diabetic patient”, Nantes, France, 18 June 2009 : *“Islet transplantation simultaneously or after kidney ?”*
84. **Berney T.** Université d’été de la Société francophone de dialyse, CHUV, Lausanne, Switzerland, 20 June 2009 : *“Traitement du patient diabétique de type I urémique : transplantation rein-pancréas vs rein-îlots”*
85. **Berney T.** 14th ESOT Congress, Paris, France, 1 September 2009 : *“Algorithms for islet vs pancreas transplantation”*
86. **Berney T.** IPITA Congress, Venezia, Italia, 12-16 October 2009 : *“Monitoring islet graft destruction”* and *“Organ allocation : which pancreas for vascularized pancreas or isolated islet transplant ?”*
87. **Berney T.** 6th Swiss Experimental Surgery Symposium, Geneva, Switzerland, 14-15 January 2010 : *“Cell Therapy in Diabetes”*
88. **Berney T.** Hesperis Course, Edinburgh, Scotland, 28 May 2010 : *“who needs a new pancreas (or islets) ?”*
89. **Berney T.** Congrès de la Société Francophone de Transplantation, Geneva, Switzerland, 16 December 2010 : *“Statut actuel de la greffe d’îlots de Langerhans”*
90. **Berney T.** Meeting du Service d’Endocrinologie et Diabétologie, Inselspital, Bern, Switzerland, 11 January 2011 : *“Current status of islet transplantation”*
91. **Berney T.** Journée franco-romande du diabète, Chamonix, France, 14 January 2011 : *“Thérapie cellulaire du diabète”*
92. **Berney T.** 7th Swiss Experimental Surgery Symposium, Fribourg, Switzerland, 20-21 January 2011 : *“Islet Transplantation : gold standard after major pancreatic resection for benign disease ?”*
93. **Berney T.** Nicolae Cajal Symposium, Bucarest, Romania, 30 March-1 April 2011 : *“Advances in Islet cell therapy for type 1 diabetes”*
94. **Berney T.** European Congress of Endocrinology, Rotterdam, The Netherlands, 30 April-4 May 2011 : *“Pancreas transplantation”*

95. **Berney T.** 13th World Congress of IPITA, International Pancreas and Islet Transplant Association, Prague, Czech Republic, 1-4 June 2011 :
"Has the gap closed between pancreas and islet transplantation ?"
96. **Berney T.** American Society of Nephrology, Philadelphia, USA, 10-13 November 2011 :
"Islets as Beta-cell therapy"
97. **Berney T.** 1^{ère} Journée de l'Innovation en Diabétologie, Montpellier, France, 18 November 2011 :
"Résultats actuels de la transplantation d'îlots de Langerhans"
98. **Berney T.** International Workshop « Beta-cell Replacement without Borders », Athens, Greece, 2-3 December 2011 : *"Islet transplantation : Current state-of-the-art"*
99. **Berney T.** International Workshop « Beta-cell Replacement without Borders », Athens, Greece, 2-3 December 2011 : *"Immunosuppression in islet transplantation"*
100. **Berney T.** Second Joint AIDPIT/EPITA Winter Symposium, Innsbruck, Austria, 29-31 January 2012: *"New pharmacological approaches in islet transplantation"*
101. **Berney T.** Invited Lecturer, Department of Surgery, University of Arizona, Tucson, 13 February 2012: *"Islet transplantation: past, present and future"*
102. **Berney T.** City of Hope Annual Rachmiel Levine Diabetes Symposium, Pasadena, California, USA, 15-18 February 2012 : *"Islet graft monitoring by magnetic resonance imaging (MRI)"*
103. **Berney T.** Symposium « Alternatives biologiques et innovations dans le diabète de type 1 », Lyon, France, 11 May 2012 : « *Greffe d'îlots de Langerhans* »
104. **Berney T.** 8^{ème} Symposium Lausannois de Transplantation, Lausanne, Switzerland, 14 June 2012 : « *Indications et résultats des greffes combinées îlots/pancréas et rein* »
105. **Berney T.** 24th International Congress of the Transplantation Society, Berlin, Germany, 17 July 2012: *"An overview of current outcomes of islet transplantation"*
106. **Berney T.** NICE EPITA Islet Isolation Workshop, Leiden, The Netherland, 17-19 September 2012 : *"Donor Selection"*
107. **Berney T.** Société Française de Néphrologie, Geneva, Switzerland, 2-5 October 2012 :
"Actualités transplantation : transplantation chez le diabétique"
108. **Berney T.** Rencontre dans le cadre de la Journée Mondiale du Diabète, Geneva, Switzerland, 14 November 2012 : *"Quoi de neuf sur les transplantations d'îlots"*
109. **Berney T.** Journées pluridisciplinaires de pathologies hépatobiliaires, pancréatiques et digestives, Geneva, Switzerland, 22-23 November 2012 : *"Tumeurs endocrines : nouvelle prise en charge"*
110. **Berney T.** Invited Lecturer University Hospital Zurich, Switzerland, 26 November 2012 :
"Islet transplantation : past, present, future"
111. **Berney T.** Société Francophone de Transplantation, Nantes, France, 12-15 December 2012 : *"Greffe d'îlots de Langerhans : où en est-on ?"*

112. **Berney T.** XXII^{èmes} Journées Lilly Diabète, Paris, France, 24-25 January 2013: *“Retrouver des cellules bêta : Pour quels patients et par quels moyens ? ”*
113. **Berney T,** de Koning E. 6th International Conference on Organ Donation after Circulatory Death, Paris, France, 7-9 February 2013 :*“Are DCDs better islet donors than DBDs?”*
114. **Berney T.** 6th International Conference on Organ Donation after Circulatory Death, Paris, France, 7-9 February 2013 : *“Report of the experts on DCD and Pancreas”*
115. **Berney T.** Symposium in the Honor of Derek Gray, Oxford, Great-Britain, 19 April 2013 : *“In vivo imaging of the islet graft”*
116. **Berney T.** 12th Congress of the Catalan Transplantation Society, Barcelone, Spain, 15 March 2013 :*“Current status of islet of Langerhans transplantation”*
117. **Berney T.** Novo Nordisk Key Scientific Leader Meeting, Madrid, Spain, 24 May 2013 : *“Type 1 diabetes : Islet of Langerhans transplantation”*
118. **Berney T.** Transplant Forum des Cliniques universitaires St-Luc, Bruxelles, Belgium, 17 June 2013 : *“Pancreatic islet transplantation in Europe : actual status »*
119. **Berney T.** Symposium GRAGIL, Clermont-Ferrand, France, 27 June 2013 : *« Transplantation d’îlots de Langerhans : State of the art »*
120. **Berney T.** 12th Congress of the Cell Transplant Society, Milano, Italy, 9 July 2013 : *« Current status of human islet transplantation in type 1 diabetes »*
121. **Berney T.** IPITA 2013, Monterey, USA, 25 September 2013 : *« International overview of islet transplant activity »*
122. **Berney T.** 12th Congress of the Swiss Transplantation Society, Interlaken, Switzerland, 24 January 2014 : *« Pancreas allocation in the diabetic patient : which organ for pancreas versus islet transplant ? »*
123. **T. Berney.** 4th Joint EPITA/AIDPIT Winter Symposium, Innsbruck, Austria, 26 January 2014 :*« New european guidelines on the use of donors with circulatory death (DCD) for pancreas and islet transplantation »*
124. **T. Berney.** Symposium anniversaire Le CURT fête ses 10 ans, Lausanne, Switzerland, 21 March 2014 : *« Pancréas ou îlots dans le CURT ? »*
125. **T. Berney.** 25th National Congress of the Italian Society of Diabetology, Bologna, Italy, 28-31 May 2014 : *« Making beta cells from beta cells »*
126. **T. Berney.** 10^{ème} Symposium lausannois de transplantation rénale, Lausanne, Switzerland, 6 June 2014 : *« Greffe rénale combine : rein-pancréas »*
127. **T. Berney.** International Symposium “Transplantation of Liver and Pancreas (Langerhans islets) – organizational, legal, clinical and scientific aspects”, Tbilisi, Georgia, 16 October 2014 : *“Current state of pancreas and Langerhans islets transplantation in the treatment of type 1 diabetes mellitus”*
128. **T. Berney.** The Second Clinical Congress and Gulf Chapter Annual Meeting, Abu Dhabi, The United Arab Emirates, 23-25 October 2014 : *“Islet cell transplantation”*

129. **T. Berney.** 13th Annual Meeting of The Swiss Transplantation Society, Interlaken, Switzerland, 23-24 January 2015 : *"Implications of obesity for transplantation: Pancreas/Islet transplantation"*
130. **T. Berney.** 5th EPITA Winter Symposium, Innsbruck, Austria, 25-27 January 2015 : *"Insulin independence is the best way to define success in beta-cell replacement therapy: Pro"*
131. **T. Berney.** Transplant Forum Seminar, Medical University of Vienna, Austria, 16 April 2015 : *"Islet transplantation: where we are and where do we go ?"*
132. **T. Berney.** 2015 American Transplant Congress, Philadelphia, USA, 2-6 May 2015 : *"Current Islet Transplant Outcomes and Status of Clinical Trials"*
133. **T. Berney.** XII San Raffaele Transplant Meeting, Milano, Italy, 15 May 2015 : *"When pancreas, when islets ?"*
134. **T. Berney.** 17th Congress of ESOT, Bruxelles, Belgium, 13-16 September 2015 : *"Presidential address"*
135. **T. Berney.** Cell Therapy Symposium, Tbilissi, Georgia, 9 October 2015 : *"Advances and challenges in clinical islet transplantation for type 1 diabetes"*
136. **T. Berney.** 11^{ème} Symposium JRI/CURT, Geneva, Switzerland, 4 November 2015 : *"Recurrence of autoimmunity after pancreas transplantation"*
137. **T. Berney.** 2015 IPITA-IXA-CTS Joint Congress, Melbourne, Australia, 15-19 November 2015 : *"Patient selection for alloislet vs alloancreas transplantation"*
138. **T. Berney.** Programme Formaco Geneva, Switzerland, 4 March 2016 : *"Chirurgie orale et implantaire chez les patients polymorbides transplantés"*
139. **T. Berney.** Colloques de la Division de Diabétologie-Endocrinologie, Centre Hospitalier Universitaire Vaudois, Lausanne, Switzerland, 17 May 2016 : *"Transplantation d'îlots de Langerhans : d'où venons-nous ? que sommes nous ? où allons-nous ?"*
140. **T. Berney.** D.A.CH-Tagung, München, Germany, 26-28 May 2016 : *"Islet transplantation in 2016 : when, how and what can be expected"*
141. **T. Berney.** 26th International Congress of The Transplantation Society, Hong Kong, China, 18-23 August 2016 : *"Prolonging islet allograft survival: Monitoring and preventing islet graft loss"*
142. **T. Berney.** 8th NICE/EPITA Islet Isolation Workshop, Geneva, Switzerland, 14-16 November 2016 : *"Worldwide status of islet transplantation. Islet transplant registry"*
143. **T. Berney.** Grand Rounds, University Hospital Zurich, Switzerland, 29 November 2016 : *"Update on pancreas and islet transplantation"*
144. **T. Berney.** EPITA Symposium, Igls, Innsbruck, Austria, 28-29 January 2017. *"Identification and intervention of β -cell graft alloimmunity in the context of graft dysfunction"*
145. **T. Berney.** 17th Levine-Riggs Symposium, Orlando, USA, 31 March 2017 *"GRAGIL Network. Long-term outcomes after islet transplantation"*

146. **T. Berney.** TCPV Symposium, Zurich, Switzerland, 13 May 2017.
"Transplantation in type 1 diabetes"
147. **T. Berney.** 16th International Congress IPITA 2017, 20-23 June 2017
"Where will beta-cell replacement be in 10 years time ? Which tissue will we be transplanting ?"
148. **T. Berney.** 16th Annual Meeting of the Swiss Transplantation Society, Thun, Switzerland, 25-26 January 2018 : *"Marginal Donors : where are the limits ? Pancreas / islet transplantation"*
149. **T. Berney.** 41^e Congrès de la SMEDIAN (Société Marocaine d'Endocrinologie, Diabétologie et Nutrition), Marrakech, Morocco, 28 February – 3 March 2018
"Transplantation des îlots de Langerhans dans le diabète de type 1"
150. **T. Berney.** Ateliers Francophones de Transplantation, Bordeaux, France, 15 June 2018
"Transplantation des îlots de Langerhans dans le diabète de type 1"
151. **T. Berney.** 13th IHPBA World Congress, Genève, Suisse, 4-7 September 2018
"Chronic pancreatitis"
152. **T. Berney.** 9th International NICE EPITA, Milan, Italy, 24-26 September 2018
"Which donor ? Which recipient ? Allo-transplantation"
153. **T. Berney.** Journées pluridisciplinaires de pathologie hépatobiliaire, pancréatique et digestive, Geneva, Switzerland, 15-16 November 2018
"Transplantation des îlots de Langerhans dans le diabète de type 1 : résultats d'une étude prospective randomisée"
154. **T. Berney.** Congrès de la Société Française de Transplantation, Toulouse, France, 4-7 December 2018
"Pancréas artificiel et transplantation d'îlots de Langerhans"
155. **T. Berney.** 9th EPITA Symposium, Igls, Innsbruck, Austria, 28-30 January 2018
"Patients with type 1 diabetes and a previous kidney transplantation should be offered a pancreas-after-kidney or islet-after-kidney transplantation"
156. **T. Berney.** 1st Congress of APITA, Seoul, Korea, 21-23 February 2019
"Recipient selection for pancreas versus islet transplantation"
157. **T. Berney.** 17th Annual Meeting of the Swiss Transplantation Society, Thun, Switzerland, 24 January 2019
"10-year anniversary of the Declaration of Istanbul"
158. **T. Berney.** 54th Congress of the European Society for Surgical Research, Geneva, Switzerland, 13-15 March 2019
"Islet transplantation : state of the art"
159. **T. Berney.** 10th Starnberg meeting, Starnberg, Germany, June 20-21, 2019
"The future of beta-cell replacement."
160. **T. Berney.** 17th World Congress of IPITA, Lyon, France, July 4, 2019
"Presidential address: the future of beta-cell replacement is now!"

161. **T. Berney.** 19th Congress of ESOT, Copenhagen, Denmark, September 15-18, 2019. *"How to close the gap in pancreas graft outcome between SPK and solitary pancreas transplantation ?"*
162. **T. Berney.** 19th Congress of ESOT, Copenhagen, Denmark, September 15-18, 2019. *"Beta-cell replacement »*
163. **T. Berney.** 19th Congress of ESOT, Copenhagen, Denmark, September 15-18, 2019. *"Evidence and non-evidence based triumphs and disasters in transplantation"*
164. **T. Berney.** Congress of the Cell Transplantation and Regenerative Medicine Society, Lesvos, Greece, September 22, 2019 : *"Beta cell replacement: Quo vadis ? The Camillo Ricordi Lecture"*
165. **T. Berney.** First World Consensus Conference on Pancreas Transplantation, Pisa, Italy, October 17-19, 2019 : *"Recipient selection for SPK"*
166. **T. Berney.** Journées Genevoises de Gastroentérologie, Genève, October 31-November 1, 2019. : *"Changement de la loi sur la transplantation: Que peut-on en attendre ? "*
167. **T. Berney.** 4^{ème} Journée Romande Diabète&Technologie, Morges, 23 janvier 2020. *"Transplantation dans le diabète de type 1 : de la mise en liste au suivi du patient greffé "*
168. **T. Berney,** A. Andres, N. Massé. Congress of the British Transplantation Society, Belfast, UK, March 4-6, 2020 : *"Simultaneous islet-kidney transplantation: State of the art "*
169. **T. Berney.** Grand Rounds of the Division of Renal Transplantation, Hospital Clinic, Barcelona, Spain. Feb 24, 2021 (virtual) : *"Islet transplantation : state of the art & Geneva experience"*
170. **T. Berney.** ESAO-TERMIS-EU Winter School. Feb 25, 2021 (virtual). *How to replace failing beta-cells ? From organ transplantation to the (bio)artificial pancreas ?*
171. **T. Berney.** Colloque transdépartemental de transplantation, Hôpitaux Universitaires de Genève, May 18, 2021: *Transplantation simultanée rein-ilots*
172. **T. Berney.** 1st International School of Research in Surgery: From experimental news to clinical application, University of Ljubljana, May 20, 2021 (virtual). *Pancreas and islet transplantation: preclinical models – clinical status*
173. **T. Berney.** Pre-Congress Webinar, Esot Congress 2021, June 8, 2021 (virtual): *Updates in pancreatic islet transplantation: long-term graft survival*
174. **T. Berney.** ATx Summit, Hannover, Germany, June 24-25, 2021 : *Regenerative Medicine and Islet Cell Transplantation*
175. **T. Berney.** 1st Scientific Sessions of the American Diabetes Association. June 25-29, 2021 (virtual) : *International Experience-Successful Implementation of Clinical Islet transplantation : What Can the US Learn ?*
176. **T. Berney.** International course on cutting-edge Organ Donation & Transplantation

- Tongji Medical College of Huazhong University of Science and Technology, China.
August 21, 2021 (virtual): *How to get your research published: the editor's perspective*
177. **T. Berney.** "Hommage à Jean-Michel Dubernard", Académie nationale de Chirurgie, Paris, France, September 8, 2021 : *De la transplantation d'organes à la greffe cellulaire*
178. **T. Berney.** 47th ESAO Congress, September 9, 2021 (virtual): *Current issues in islet transplantation: the clinician point of view*
179. **T. Berney.** IPITA 2021 Virtual Congress, October 20-23, 2021 (virtual): *Perspective from centers/registry on lessons learned and challenges: GRAGIL islet transplant experience*
180. **T. Berney.** Association of Surgeons of Great Britain and Ireland, November 18, 2021 (webinar): *Publishing in the 21st century: The perspective of an innovative journal*
181. **T. Berney.** 19th annual meeting of the Swiss Transplantation Society, Thun, Switzerland, January 24, 2022: *Update on clinical projects ongoing in Switzerland : Pancreas/islet transplantation*

LIST OF PUBLICATIONS – Professor Thierry BERNEY, MD, MSc

(h-index 13.3.2022 : 56)

Original articles, peer-reviewed journals

1. Reininger L, **Berney T**, Shibata T, Spertini F, Merino R, Izui S. Cryoglobulinemia induced by a murine IgG3 rheumatoid factor: skin vasculitis and glomerulonephritis arise from distinct pathogenic mechanisms. Proc Natl Acad Sci USA 1990; 87: 10038-10042.
2. Shibata T, **Berney T**, Reininger L, Chicheportiche Y, Ozaki S, Shirai T, Izui S. Monoclonal anti-erythrocyte autoantibodies derived from NZB mice cause autoimmune hemolytic anemia by two distinct pathogenic mechanisms. Int Immunol 1990; 2: 1133-1141.
3. **Berney T**, Shibata T, Izui S. Murine cryoglobulinemia: pathogenic and protective IgG3 self-associating antibodies. J Immunol 1991; 247: 3331-3335.
4. Lemoine R, **Berney T**, Shibata T, Fulpius T, Gytoku Y, Shimada H, Sawada S, Izui S. Induction of "wire-loop" lesions by murine monoclonal IgG3 cryoglobulins. Kidney Int 1992; 41: 65-72.
5. **Berney T**, Fulpius T, Shibata T, Reininger L, Van Snick J, Shan H, Weigert M, Marshak-Rothstein A, Izui S. Selective pathogenicity of murine rheumatoid factors of the cryoprecipitable IgG3 subclass. Int Immunol 1992; 4: 93-99.
6. **Berney T**, Shibata T, Merino R, Chicheportiche Y, Kindler V, Vassalli P, Izui S. Murine hemolytic autoimmune anemia resulting from Fc gamma receptor-mediated erythrophagocytosis: protection by erythropoietin but not by interleukin-3, and aggravation by granulocyte macrophage-colony stimulating factor. Blood 1992; 79: 2960-2964.
7. Shibata T, **Berney T**, Spertini F, Izui S. Rheumatoid factors in mice bearing the *lpr* or *gld* mutation: selective production of rheumatoid factor cryoglobulins in MRL/MpJ-*lpr/lpr* mice. Clin Exp Immunol 1992; 87: 190-195.
8. Izui S, **Berney T**, Shibata T, Fulpius T. IgG3 cryoglobulins in autoimmune MRL-*lpr/lpr* mice: immunopathogenesis, therapeutic approaches and relevance to similar human diseases. Ann Rheum Dis 1993; 52: S48-S54.
9. Izui S, **Berney T**, Shibata T, Fulpius T, Fossati L, Merino R. Molecular and cellular basis for pathogenicity of autoantibodies. Tohoku J Exp Med 1994; 173: 15-30.
10. Fulpius T, **Berney T**, Lemoine R, Pastore Y, Reininger L, Brighthouse G, Izui S. Glomerulopathy induced by IgG3 anti-trinitrophenyl monoclonal cryoglobulins derived from

- non-autoimmune mice.
Kidney Int 1994; 45: 962-971.
11. Izui S, Reininger L, Shibata T, **Berney T**.
Pathogenesis of Autoimmune hemolytic anemia in NZB mice.
Crit Rev Oncol Hematol 1994; 17: 53-70.
 12. **Berney T**, La Scala G, Vettorel D, Gumowski D, Hauser C, Frileux P, Ambrosetti P, Rohner A.
Surgical pitfalls in a patient with Ehlers-Danlos syndrome type IV and spontaneous colonic rupture.
Dis Colon Rectum 1994; 37: 1038-1042.
 13. Fulpius T, Lemoine R, **Berney T**, Pastore Y, Moll S, Izui S.
Polymorphonuclear leukocytes play a key role in the generation of "wire loop" lesions induced by a murine IgG3 rheumatoid factor.
Kidney Int 1996; 49: 647-655.
 14. **Berney T**, Belli DC, Bugmann P, Beghetti M, Morel P, Le Coultre C.
Influence of severe underlying pathology and hypovolemic shock on the development of acute pancreatitis in children.
J Ped Surg 1996; 31: 1256-1261.
 15. **Berney T**, Persoz C, Leski M, Morel P.
Antineutrophil cytoplasmic antibodies and acute pancreatitis.
Pancreas 1997; 15: 106-107.
 16. **Berney T**, Mentha G, Morel P.
Total vascular exclusion of the liver for the resection of lesions in contact with the vena cava or the hepatic veins.
Br J Surg 1998; 85: 485-488.
 17. **Berney T**, Mentha G, Roth AD, Morel P.
Results of surgical resection of liver metastases from non colorectal primaries.
Br J Surg 1998; 85 : 1423-1438.
 18. **Berney T**, Badaoui E, Totsch M, Mentha G, Morel P.
Duodenal tuberculosis presenting as acute ulcer perforation.
Am J Gastroenterol 1998; 93: 1989-1991.
 19. **Berney T**, Prêtre R, Chassot G, Morel P.
The role of revascularization in coeliac occlusion and pancreatoduodenectomy.
Am J Surg 1998; 176: 352-356.
 20. **Berney T**, Morales M, Broquet PE, Mentha G, Rohner A, Morel P.
Risk factors influencing the outcome of portal and mesenteric vein thrombosis of the adult.
Hepato-Gastroenterol 1998; 45: 2275-2281.
 21. de Perrot M, **Berney T**, Bühler L, Delgadillo X, Mentha G, Morel P.
Management of bleeding pseudoaneurysms in patients with pancreatitis.
Br J Surg 1999; 86: 29-32.
 22. de Perrot M, **Berney T**, Deléaval J, Bühler L, Mentha G, Morel P.
Management of true aneurysms of the pancreaticoduodenal arteries.
Ann Surg 1999; 229: 416-20.

23. **Berney T**, Prêtre R, Chassot G, Morel P.
Le risque ischémique en cas d'obstruction du tronc cœliaque chez les patients devant subir une duodéno pancréatectomie. Enquête multicentrique et revue de la littérature.
Ann Chir 1999; 53: 273-279.
24. **Berney T**, Gasche Y, Robert J, Jenny A, Vermeulen B, Mensi N, Grau G, Morel P. Serum profiles of interleukin-6, interleukin-8, and interleukin-10 in patients with severe and mild acute mancreatitis.
Pancreas 1999; 18: 371-377.
25. Delgadillo X, **Berney T**, de Perrot M, Didier D, Morel P.
Successful treatment of a pseudoaneurysm of the cystic artery by microcoil embolization.
J Vasc Interv Radiol 1999; 10 : 789-792.
26. Toso C, Robert JH, **Berney T**, Pugin F, Spiliopoulos A.
Thoracic outlet syndrome: influence of personal histories and surgical techniques on long-term results.
Eur J Cardiothorac Surg 1999; 16 : 44-47.
27. **Berney T**, Chautems R, Ciccarelli O, Pirson Y, Squifflet JP.
Malakoplakia of the caecum in a kidney transplant recipient: presentation as acute tumoral perforation and fatal outcome.
Transplant Int 1999; 12 : 293-296.
28. **Berney T**, Morel P, Zurbuchen P, Huber O, Mentha G.
A combined midline-transverse surgical approach for severe injuries to the right liver.
J Trauma 2000; 48: 349-353.
29. **Berney T**, Malaise J, Mourad M, Morel P, Squifflet JP.
Laparoscopic and open live donor nephrectomy. A cost/benefit study.
Transplant Int 2000; 13: 35-40.
30. Cattan P, Munoz-Bongrand N, **Berney T**, Sarfati E, Celerier M.
Extensive abdominal surgery after caustic ingestion.
Ann Surg 2000; 231: 519-523.
31. Badaoui E, **Berney T**, Kaiser L, Mentha G, Morel P.
Surgical presentation of abdominal tuberculosis: a protean disease.
Hepato-Gastroenterol 2000; 47: 751-755.
32. **Berney T**, Rudisuhli T, Oberholzer J, Caulfield A, Morel P.
Long-term metabolic results after pancreatic resection for chronic pancreatitis.
Arch Surg 2000; 135: 1106-1111.
33. Morales M, **Berney T**, Jenny A, Morel P, Extermann P.
Crohn's disease as a risk factor for the outcome of pregnancy.
Hepato-Gastroenterol 2000; 47: 1595-1598.
34. **Berney T***, Molano RD, Cattan P, Pileggi A, Vizzardelli C, Ricordi C, Inverardi L.
Endotoxin-mediated delayed islet graft function is associated with increased intra-islet cytokine production and islet cell apoptosis.
Transplantation 2001; 71: 125-132.
35. Molano RD*, **Berney T***, Li H, Cattan P, Pileggi A, Vizzardelli C, Kenyon NS, Ricordi C, Burkly LC, Inverardi L.

- Prolongation of islet graft survival in NOD mice by blockade of CD40-CD154 costimulatory T-cell activation.
Diabetes 2001; 50: 270-276.
* Co-first author
36. Molano RD*, **Berney T***, Pileggi A, Ricordi C, Burkly LC, Rothstein DM, Basadonna G, Inverardi L.
Prolonged survival of allogeneic islet grafts in NOD mice treated with a combination of anti-CD45RB and anti-CD154 antibodies.
Transplant Proc 2001; 33: 248-249.
* Co-first author
37. Saudan P, **Berney T**, Goumaz C, Morel P, Martin PY.
Renal transplantation with donors above 50 years of age: a long-term, single center experience.
Swiss Med Wkly 2001; 131: 117-121.
38. Saudan P, **Berney T**, Leski M, Morel P, Bolle JF, Martin PY.
Renal transplantation in the elderly: a long-term, single center experience.
Nephrol Dial Transplant 2001; 16: 824-828.
39. Cattan P, **Berney T**, Schena S, Molano RD, Pileggi A, Vizzardelli C, Ricordi C, Inverardi L.
Early assessment of apoptosis in isolated islets of Langerhans.
Transplant Proc 2001; 33: 264-265.
40. Pileggi A, Cattan P, **Berney T**, Molano RD, Vizzardelli C, Ricordi C, Bach FH, Inverardi L.
HO-1 upregulation protects the pancreatic beta cell line α TC3 from cytokine and FAS-induced apoptosis.
Transplant Proc 2001; 33: 266-267.
41. **Berney T**, Molano RD, Pileggi A, Cattan P, Vizzardelli C, Ricordi C, Inverardi L. Absence of M-CSF-dependent tissue macrophages does not improve delayed function of islet of Langerhans grafts.
Transplant Proc 2001; 33: 356-357.
42. **Berney T**, Molano RD, Pileggi A, Ricordi C, Inverardi L.
Differential engraftment of human peripheral blood lymphocytes (HuPBL) in various strains of immunodeficient mice.
Transplant Proc 2001; 33: 764-765.
43. Saudan P, **Berney T**, Goumaz C, Morel P, Martin PY.
Renal transplantation with donors above 50 years of age: a long-term, single center experience.
Swiss Med Wkly 2001; 131: 117-121.
44. Saudan P, **Berney T**, Leski M, Morel P, Bolle JF, Martin PY.
Renal transplantation in the elderly: a long-term, single center experience.
Nephrol Dial Transplant 2001; 16: 824-828.
45. Cattan P, **Berney T**, Schena S, Molano RD, Pileggi A, Vizzardelli C, Ricordi C, Inverardi L.
Early assessment of apoptosis in isolated islets of Langerhans.
Transplantation 2001; 71: 857-862.
46. **Berney T**, Molano RD, Pileggi A, Cattan P, Li H, Ricordi C, Inverardi L.
Patterns of lymphocyte engraftment in various strains of immunodeficient mice

- reconstituted with human peripheral blood lymphocytes.
Transplantation 2001; 72: 133-140.
47. Cattan P, Chiche P, **Berney T**, Halimi B, Aïdan K, Célérier M, Sarfati M.
Surgical approach by cervicosternolaparotomy for the treatment of extended cervical stenoses after reconstruction for caustic injury.
J Thorac Cardiovasc Surg 2001; 122: 384-386.
 48. Pileggi A, Molano RD, **Berney T**, Cattan P, Vizzardelli C, Oliver R, Fraker C, Ricordi C, Pastori RL, Bach FH, Inverardi L.
HO-1 induction in islet cells results in protection from apoptosis and improved in vivo function after transplantation.
Diabetes 2001; 50: 1983-1991.
 49. **Berney T**, Molano RD, Pileggi A, Ricordi C, Inverardi L.
Absence of CSF-1-dependent macrophages does not improve function of transplanted islets of Langerhans.
Cell Transplant 2001; 10: 633-637.
 50. Vizzardelli C, Potter E, **Berney T**, Pileggi A, Inverardi L, Ricordi C, Sagen J. Automated method for the isolation of adrenal medullary chromaffin cells from neonatal porcine glands.
Cell Transplant 2001; 10: 689-696.
 51. Vizzardelli C, Molano RD, Pileggi A, **Berney T**, Cattan P, Fenjves ES, Peel A, Fraker C, Ricordi C, Inverardi L.
Neonatal porcine pancreatic cell clusters as a potential source for transplantation in humans: characterization of proliferation, apoptosis, xenoantigen expression and gene delivery with recombinant AAV.
Xenotransplantation 2002; 9: 14-24.
 52. Cattan P, **Berney T**, Conti F, Calmus Y, Homberg JC, Houssin D, Soubrane O. Outcome of orthotopic liver transplantation in autoimmune hepatitis according to subtypes.
Transplant Int 2002; 15: 34-38.
 53. Nishida S, Kato T, **Berney T**, Levi D, Nery J, Madariaga J, Mittal N, Weppler D, Ruiz P, Tzakis A.
Rituximab treatment for posttransplantation lymphoproliferative disorder (PTLD) after small bowel transplantation.
Transplant Proc 2002; 34: 957.
 54. **Berney T**, Kato T, Nishida S, Mittal N, Tector AJ, Levi D, Madariaga J, Nery JR, Ruiz P, Tzakis AG.
Systemic versus portal venous drainage of small bowel grafts: similar long-term outcome in spite of increased bacterial translocation.
Transplant Proc 2002; 34: 961-962.
 55. * **Berney T**, Delis S, Kato T, Nishida S, Madariaga J, Levi D, Nery JR, Cirocco RE, Gelman B, Ruiz P, Tzakis AG.
Successful treatment of posttransplant lymphoproliferative disease with rituximab in intestinal transplant recipients.
Transplantation 2002; 74: 1000-1006.
 56. Nishida S, Kato T, Levi D, Mittal N, **Berney T**, Vianna R, Selvaggi G, Buitrago E, Al-Naimi A, Nakamura N, Vaidya A, Nery J, Tzakis A.
Effect of protocol Dopplerultrasonography and urgent revascularization on early hepatic

- artery thrombosis after pediatric liver transplantation.
Arch Surg 2002; 137: 1279-1283.
57. **Berney T**, Kato T, Nishida S, Tector AJ, Mittal N, Madariaga J, Nery JR, Cantwell GP, Ruiz P, Tzakis AG.
Portal versus systemic drainage of small bowel grafts. Comparative assessment of function, survival, rejection, and bacterial translocation.
J Am Coll Surg 2002; 195: 804-813.
58. Ruiz P, Garcia M, Pappas P, **Berney T**, Esquenazi V, Kato T, Mittal N, Weppler D, Levi D, Nishida S, Nery J, Miller J, Tzakis A.
Mucosal vascular alterations in isolated small-bowel allografts: relationship to humoral sensitization.
Am J Transplant 2003; 3: 43-49.
59. Molano RD, Pileggi A, **Berney T**, Poggioli R, Zahr E, Oliver R, Ricordi C, Rothstein DM, Basadonna GP, Inverardi L.
Prolonged Islet Allograft Survival in Diabetic NOD Mice by Targeting CD45RB and CD154.
Diabetes 2003; 52: 957-964.
60. Genton L, Raguso CA, **Berney T**, Hans DB, Morel P, Pichard C.
Four-year nutritional follow-up after living related small bowel transplantation between monozygotic twins.
Gut 2003; 52: 659-662.
61. Toso C, **Berney T**, Oberholzer J, Chave JP, Martin PY, Zeender E, Bosco D, Morel P.
Kidney-pancreas transplantation in a long term non-progressor HIV infected recipient.
Am J Transplant 2003; 3: 631-633.
62. Neff GW, Montalbano M, Slapak-Green G, **Berney T**, Bejarano PA, Joshi A, Icardi M, Nery J, Nishida S, Levi D, Weppler D, Pappas P, Ruiz J, Schiff ER, Tzakis AG.
A retrospective review of sirolimus (Rapamune) therapy in orthotopic liver transplant recipients diagnosed with chronic rejection.
Liver Transplant 2003; 9: 477-483.
63. Molano RD, Pileggi A, **Berney T**, Poggioli R, Zahr E, Oliver R, Malek TR, Ricordi C, Inverardi L.
Long-term islet allograft survival in nonobese diabetic mice treated with Tacrolimus, Rapamycin and anti-Interleukin-2 antibody.
Transplantation 2003; 75: 1812-1819.
64. Toso C, Morel P, Bucher P, Shapiro J, Mathe Z, Demuylder-Mischler S, Bosco D, **Berney T**, Oberholzer J, Philippe J.
Insulin-independence after conversion to tacrolimus and sirolimus-based immunosuppression in islet-kidney recipients.
Transplantation 2003; 76: 1133-1134.
65. Demirag A, Bühler LH, Majno P, **Berney T**, Chilcott M, Giostra E, Morel P, Mentha G.
Medical problems occurring during the long-term follow-up after liver transplantation.
Swiss Surg. 2003; 9: 237-241.
66. **Berney T**, Pileggi A, Molano RD, Poggioli R, Zahr E, Ricordi C, Inverardi L.
The effect of simultaneous CD154 and LFA-1 blockade on the survival of allogeneic islet grafts in nonobese diabetic mice.
Transplantation 2003; 76: 1669-1674.

67. Neff GW, Montalbano M, Slapak-Green G, Meyer D, **Berney T**, Safdar K, Schiff ER, Tzakis AG.
Sirolimus Therapy in Orthopic Liver Transplant Recipients with Calcineurin Inhibitor Related Chronic Renal Insufficiency.
Transplant Proc 2003; 35: 3029-3031
68. **Berney T**, Genton L, Buhler LH, Raguso CA, Charbonnet P, Pichard C, Morel Ph.
Five-Year Follow-Up After Pediatric Living Related Small Bowel Transplantation Between Two Monozygotic Twins.
Transplant Proc 2004; 36: 316-318.
69. Maedler K, Sergeev P, Ehses JA, Mathe Z, Bosco D, **Berney T**, Dayer JM, Reinecke M, Halban PA, Donath M.
Leptin modulates β Cell expression of IL-1 receptor antagonist and release of IL-1 β in human islets.
Proc Natl Acad Sci USA 2004; 101: 8138-8143.
70. Bechstein WO, Malaise J, Saudek F, Land W, Fernandez-Cruz L, Margreiter R, Nakache R, Secchi A, Vanrenterghem Y, Tydén G, Van Ophem D, **Berney T**, Boucek P, Landgraf R, Kahl A, Squifflet JP, and the EuroSPK Group.
Efficacy and safety of tacrolimus compared with ciclosporin microemulsion in primary simultaneous pancreas-kidney transplantation: 1-year results of a large multicentre trial.
Transplantation 2004; 77: 1221-1228.
71. Kessler L, Bucher P, Milliat-Guittard L, Benhamou PY, **Berney T**, Penformis A, Badet L, Thivolet C, Bayle F, Oberholzer J, Renoult E, Brun JM, Rifle G, Atlan C, Colin C, Morel Ph, on Behalf of the Gragil Group.
Influence of islet transportation on pancreatic Islet allotransplantation in type 1 diabetic patients within the Swiss-French Gragil network.
Transplantation 2004; 77: 1301-1306.
72. Bucher P, Mathe Z, Bosco D, Oberholzer J, Toso C, Andres A, Bühler L, Morel P, **Berney T**.
Microbial surveillance during human pancreatic islet isolation.
Transplantation Proc 2004; 36: 1147-1148.
73. **Berney T**, Mathe Z, Bucher P, Demuylder-Mischler S, Andres A, Bosco D, Oberholzer J, Majno P, Philippe J, Bühler L, Morel P.
Islet autotransplantation for the prevention of surgical diabetes after extended pancreatectomy for the resection of benign tumors of the pancreas.
Transplantation Proc 2004; 36: 1123-1124.
74. **Berney T**, Bucher P, Mathe Z, Andres A, Bosco D, Mage R, Toso C, Oberholzer J, Becker C, Philippe J, Bühler L, Morel P.
Islet of Langerhans allogeneic transplantation at the University of Geneva in the steroid free era in islet after kidney (IAK) and simultaneous islet-kidney (SIK) transplant procedures.
Transplantation Proc 2004; 36: 1121-1122.
75. Mathe Z, Bucher P, Bosco D, Andres A, Fux C, Toso C, Oberholzer J, Wandrey C, Sainz-Vidal D, Espinosa D, Bühler L, Morel P, **Berney T**.
Short-term immunosuppression reduces fibrotic cellular infiltration around barium-M-alginate microbeads injected intraportally.
Transplantation Proc 2004; 36: 1199-1200.

76. Bucher P, Mathe Z, Bosco D, Becker C, Kessler L, Greget M, Benhamou PY, Andres A, Oberholzer J, Bühler L, Morel P, **Berney T**.
Morbidity associated with intraportal islet transplantation.
Transplantation Proc 2004; 36: 1119-1120
77. Bucher P, Mathe Z, Bosco D, Andres A, Kurfuerst M, Rämisch-Günther N, Bühler L, Morel P, **Berney T**.
Sera collagenase NB1: a new enzyme preparation for human islet isolation.
Transplantation Proc 2004; 36: 1143-1144.
78. Bucher P, Bosco D, Mathe Z, Matthey-Doret D, Andres A, Kurfuerst M, Rämisch-Günther N, Bühler L, Morel P, **Berney T**.
Optimization of neutral protease to collagenase activity ratio for islet of Langerhans isolation.
Transplantation Proc 2004; 36: 1145-1146.
79. Bucher P, Mai G, Mathe Z, Bosco D, Pernin N, **Berney T**, Morel P, Bühler L.
Retransplantation of discordant xenogeneic islets with costimulatory blockade.
Transplantation Proc 2004; 36: 1201-1202.
80. Zeender E, Maedler K, Bosco D, **Berney T**, Donath MY, Halban PA.
Pioglitazone and sodium salicylate protect human β -cells against apoptosis and impaired function induced by glucose and IL-1 β .
J Clin Endocr Metab 2004; 89: 5059-5066.
81. Montalbano M, Neff GW, Slapak-Green G, **Berney T**, Meyer D. Sirolimus therapy in orthotopic liver transplant (OLT) recipients with acute renal insufficiency.
Dig Dis Sci 2004; 49: 1986-1989.
82. Langer RM, Mathe Z, Doros A, Mathe ZS, Weszelits V, Filo A, Bucher P, Morel P, **Berney T**, Jaray J. Successful islet after kidney transplantations in a distance over 1000 kilometres: Preliminary results of the Budapest-Geneva collaboration. Transplantation Proc 2004; 36: 3113-3115.
83. Maedler K, Carr RD, Bosco D, Zuellig RA, **Berney T**, Donath MY. Sulfonylurea induced beta-cell apoptosis in cultured human islets.
J Clin Endocrinol Metab 2005; 90: 501-506.
84. Bucher P, Mathe Z, Morel P, Bosco D, Andres A, Kurfuerst M, Friedrich O, Raemsch-Guenther N, Buhler LH, **Berney T**.
Assessment of a novel two-component enzyme preparation for human islet isolation and transplantation.
Transplantation 2005; 79: 91-97.
85. Toso C, Zaidi H, Morel P, Armanet M, Andres A, Pernin N, Baertschiger R, Slosman D, Bühler LH, Bosco D, **Berney T**.
Positron-emission tomography imaging of early events after transplantation of islets of Langerhans.
Transplantation 2005; 79: 353-355.
86. Andres A, Toso C, Morel Ph, Bosco D, Bucher P, Oberholzer J, Mathe Z, Mai G, Wekerle T, **Berney T**, Buhler LH.

- Macrophage depletion prolongs discordant but not concordant islet xenograft survival.
Transplantation 2005; 79: 543-549.
87. Mai G, Bucher P, Morel P, Mei J, Bosco D, Andres A, Mathe Z, Wekerle T, **Berney T**, Buhler LH.
Role of CD40-CD154 pathway in the rejection of concordant and discordant xenogeneic islets.
Transplant Proc 2005; 37: 460-462.
88. Andres A, Toso C, Morel P, Bosco D, Bucher P, Oberholzer J, Mathe Z, Mai G, Wekerle T, **Berney T**, Buhler LH.
Phylogenetic disparity influences the predominance of direct over indirect pathway of antigen presentation in islet xenotransplantation.
Transplant Proc 2005; 37: 463-465.
89. Mai G, Huy NT, Morel P, Mei J, Bosco D, **Berney T**, Majno P, Mentha G, Trono D, Buhler LH.
Treatment of fulminant liver failure by transplantation of microencapsulated primary or immortalized xenogeneic hepatocytes.
Transplant Proc 2005; 37: 527-529.
90. * **Berney T**, Malaise J, Morel P, Toso C, Demuylder-Mischler S, Majno P, Buhler L, Mentha G.
Impact of HLA matching on the outcome of simultaneous pancreas-kidney transplantation.
Nephrol Dial Transplant 2005; 20 Suppl2: 48-53.
91. Mai G, Bucher P, Morel P, Mei J, Bosco D, Andres A, Mathe Z, Wekerle T, **Berney T**, Buhler LH.
Anti-CD154 mAb Treatment But Not Recipient CD154 Deficiency Leads to Long-Term Survival of Xenogeneic Islet Grafts.
Am J Transplant. 2005; 5:1021-31.
92. Bucher P, Oberholzer J, Bosco D, Mathe Z, Toso C, Bühler LH, **Berney T**, Morel P.
Microbial surveillance during human pancreatic islet isolation.
Transplant Int 2005; 18: 584-589.
93. Andres A, Toso C, Morel P, Demuylder-Mischler S, Bosco D, Baertschiger R, Pernin N, Bucher P, Majno PE, Buhler LH, **Berney T**.
Impact of a sirolimus/tacrolimus-based immunosuppressive regimen on kidney function after islet transplantation.
Transplant Proc. 2005; 37:1326-1327. *IF 0.799*
94. Pileggi A, Molano RD, **Berney T**, Ichii H, San Jose S, Zahr E, Poggioli R, Linetsky E, Ricordi C, Inverardi L.
Prolonged allogeneic islet graft survival by protoporphyrins.
Cell Transplant. 2005; 14: 85-96.
95. Kempf MC, Andres A, Morel P, Benhamou PY, Bayle F, Kessler L, Badet L, Thivolet C, Penfornis A, Renoult E, Brun JM, Atlan C, Renard E, Colin C, Milliat-Guittard L, Pernin N, Demuylder-Mischler S, Toso C, Bosco D, **Berney T**.
Logistics and transplant coordination activity in the GRAGIL Swiss-French multicenter network of islet transplantation.
Transplantation. 2005; 79:1200-1205.

96. Toso C, Mathe Z, Morel Ph, Oberholzer J, Bosco D, Hunkeler D, Buhler L, Wandrey C, **Berney T**.
Effect of microcapsule composition and short term immunosuppression on intraportal biocompatibility.
Cell Transplant 2005; 14: 159-167.
97. Ernandez T, Saudan P, **Berney T**, Merminod T, Bednarkiewicz M, Martin PY.
Risk factors for early failure of native arteriovenous fistulas.
Nephron Clin Pract 2005; 101: 39-44.
98. Bucher P, Gang M, Morel P, Mathe Z, Bosco D, Pernin N, Wekerle T, **Berney T**, Buhler LH.
Transplantation of Discordant Xenogeneic Islets Using Repeated Therapy with Anti-CD154.
Transplantation. 2005; 79: 1545-1552.
99. Sigrist S, Ebel N, Langlois A, Bosco D, Toso C, Kleiss C, Mandes K, **Berney T**, Pinget M, Belcourt A, Kessler L.
Role of Chemokine signaling pathways in pancreatic islet rejection during allo- and xenotransplantation.
Transplant Proc 2005; 37: 3516-3518.
100. Andres A, Toso C, Morel Ph, Demuylder-Mischler S, Bosco D, Baertschiger R, Pernin N, Bucher P, Majno P, Bühler L, **Berney T**.
Impairment of renal function after islet transplant alone or islet-after-kidney transplantation using a sirolimus/tacrolimus-based immunosuppressive regimen.
Transplant Int 2005; 18: 1226-1230
101. Malaise J, **Berney T**, Toso C, Demuylder-Mischler S, Majno P, Bühler L, Mentha G, Van Ophem D, Squifflet J.-P, and the EUROSPK Study Group.
Effect of HLA Matching in simultaneous Pancreas-Kidney transplantation.
Transplant Proc 2005; 37: 2846-2847
102. Andres A, Bosco D, Morel P, Toso C, Baertschiger R, Majno PE, Bühler L, **Berney T**.
Islet transplantation in a recipient presenting the factor V Leiden mutation.
Transplantation 2005; 79: 1771-1772.
103. Bosco D, Meda P, Morel P, Matthey-Doret D, Caille D, Toso C, Buhler LH, **Berney T**.
Expression and secretion of alpha1-proteinase inhibitor are regulated by proinflammatory cytokines in human pancreatic islet cells.
Diabetologia. 2005; 48:1523-1533.
104. Toso C, Majno P, Andres A, Rubbia-Brandt L, **Berney T**, Bühler L, Morel P, Mentha G.
Management of hepatocellular adenoma: solitary-uncomplicated, multiple and ruptured tumors.
World J Gastroenterol 2005; 11: 5691-5695.
105. Wojtuszczyzn A, Bosco D, Morel P, Baertschiger R, Armanet M, Kempf MC, Badet L, Toso C, **Berney T**.
A comparison of cold storage solutions for pancreas preservation prior to islet isolation.
Transplant Proc 2005; 37: 3396-7

106. Sigrist S, Ebel N, Langlois A, Bosco D, Toso C, Kleiss C, Mandes K, **Berney T**, Pinget M, Belcourt A, Kessler L.
Role of chemokine signaling pathways in pancreatic islet rejection during allo- and xenotransplantation.
Transplant Proc. 2005; 37: 3516-8
107. Mai G, Tuan Huy N, Morel Ph, Mei J, Andres A, Bosco D, Baertschiger R, Toso C, **Berney T**, Majno P, Mentha G, Trono D, Buhler L.
Treatment of fulminant liver failure by transplantation of microencapsuled primary or immortalized xenogeneic hepatocytes.
Xenotransplantation 2005;12: 457-464.
108. Kessler L, Lucescu C, Pinget M, Charton M.-N, Mutschler V, Wolf P, **Berney T**, Benhamou P.-Y.
Tacrolimus-associated optic neuropathy after pancreatic islet transplantation using a sirolimus/tacrolimus immunosuppressive regimen.
Transplantation 2006; 81: 636-637
109. Demirag A, Pastor C, Morel Ph, Copin J.-C, Sielenkämper A, Güvener N, Mai G, **Berney T**, Frossard J.-L, Bühler L.
Epidural anaesthesia restores pancreatic microcirculation and decrease the severity of acute pancreatitis.
World J Gastroenterol 2006; 12: 915-920
110. Frossard J.-L, Morel Ph, Kwak B, **Berney T**, Buhler L, Laufen AV, Demuylder S, Mach F.
Soluble CD40 ligand in prediction of acute severe pancreatitis.
World J Gastroenterol. 2006; 12: 1613-6
111. Toso C, Baertschiger R, Morel Ph, Bosco D, Armanet M, Wojtusciszyn A, Badet L, Philippe J, Becker C.-D, Hadaya K, Majno P, Buhler L, **Berney T**, and the GRAGIL group.
Sequential Kidney/islet Transplantation: Efficacy and Safety Assessment of a Steroid-Free Immunosuppression Protocol.
Am J Transplant 2006; 6: 1049-1058.
112. **Berney T**, Mamin A, Shapiro J, Ritz-Laser B, Brulhart M.-C, Toso C, Demuylder-Mischler S, Armanet M, Baertschiger R, Wojtusciszyn A, Benhamou P.-Y, Bosco D, Morel Ph, Philippe J.
Detection of Insulin mRNA in the Peripheral Blood after Islet Transplantation Predicts Deterioration of Metabolic Control.
Am J Transplant 2006; 6: 1704-1711.
113. Maedler K, Schumann D, Schultess F, Oberholzer J, Bosco D, **Berney T**, Donath M.
Aging correlates with decreased B-cell proliferative capacity and enhanced sensitivity to apoptosis.
Diabetes 2006; 55: 2455-2462.
114. Shapiro J, Ricordi C, Hering B, Auchincloss H, Lindblad R, Robertson P, Secchi A, Brendel M, **Berney T**, Brennan D, Cagliero E, Alejandro R, Ryan E, DiMercurio B, Morel Ph, Polonsky K, Reems J, Bretzel R, Bertuzzi F, Froud T, Kandaswamy R, Sutherland D, Eisenbarth G, Segal F, Preiksaitis J, Korbitt G, Barton F, Viviano L, Seyfert-Margolis V, Bluestone J, Lackey J.
International Multicenter trial of islet transplantation in type 1 diabetes.
N Engl J Med.2006; 355:1318-1330

115. Mathe Z, Dupraz P, Bosco D, Zbinden M, Rinsch C, Thorens B, , Morel Ph, **Berney T**, Pepper MS.
Tetracycline-regulated Temporal Expression of VEGF in Beta-cells Improves Early Revascularization and Engraftment After Transplantation.
Cell Transplant 2006; 15: 621-636.
116. Toso C, Zaidi H, Morel Ph, Armanet M, Wojtusciszyn A, Mai G, Baertschiger R, Serre Beinier V, Buhler L, **Berney T**.
Assessment of F-18 FDG-Leucocyte scintigraphy to monitor rejection after pancreatic islet transplantation.
Transplant Proc 2006; 38: 3033-3034.
117. Ferrari-Lacraz S, **Berney T**, Bednarkewicz M, Binet I, Tiercy JM, Martin PY, Villard J.
Acute humoral rejection in kidney allograft following a third-party arterial transplantation.
Am J Transplant 2006; 6: 3038-3039.
118. Knoepfli A.-S, Kinkel K, **Berney T**, Morel Ph, Becker D, Poletti P.-A.
Prospective study of 310 patients: can early CT predict the severity of acute pancreatitis.
Abdominal Imaging 2007; 32: 111-5
119. Schumann DM, Maedler K, Franklin I, Konrad D, Storling J, Böni-Schnetzler M, Gjinovci A, Kurrer MO, Gauthier BR, Bosco D, Andres A, **Berney T**, Greter M, Becher B, Chervonsky AV, Halban PA, Mandrup-Poulsen T, Wollheim CB, Donath MY.
The Fas pathway is involved in pancreatic beta cell secretory function.
Proc Natl Acad Sci USA 2007; 104 : 2861-2866.
120. Uckay I, Chalandon Y, Sartoretto P, Rohner P, **Berney T**, Hadaya K, Van Delden C.
Invasive zygomycosis in transplant recipients.
Clin Transplant 2007; 21: 577-582.
121. Badet L, Benhamou P.-Y, Wojtusciszyn A, Baertschiger R, Milliat-Guittard L, Kessler L, Penfornis A, Thivolet C, Renard E, Bosco D, Morel Ph, Morelon E, Bayle F, Colin C, **Berney T**; GRAGIL Group.
Expectations and strategies regarding islet transplantation: metabolic data from the GRAGIL 2 trial.
Transplantation 2007; 84: 89-96.
122. Toso C, Vallée JP, Morel P, Ris F, Demuylder-Mischler S, Lepetit-Coiffe M, Marangon N, Saudek F, Shapiro AMJ, Bosco D, **Berney T**.
Clinical magnetic resonance imaging of pancreatic islet grafts after iron nanoparticle labelling.
Am J Transplant 2008; 8: 701-6.
123. Ferrari-Lacraz S, **Berney T**, Morel P, Hadaya K, Demuylder-Mischler S, Pongratz G, Pernin N, Villard J.
Low risk of anti-HLA antibody sensitization after combined kidney and islet transplantation.
Transplantation 2008; 86: 357-9.
124. Ellingsgaard H, Ehses J, Hammar E, Van Lommel L, Quintens R, Martens G, Kerr-Conte J, Pattou F, **Berney T**, Pipeleers D, Halban P, Schuit F, Donath M.
Interleukin-6 regulates pancreatic α -cell mass expansion.
Proc Natl Acad Sci U.S.A 2008; 105: 13163-8.

125. Wojtusciszyn A, Armanet M, Morel Ph, **Berney T**, Bosco D.
Insulin secretion from human beta cells is heterogeneous and dependent on cell-to-cell contacts.
Diabetologia 2008; 51: 1843-52.
126. Baertschiger R, Bosco D, Morel Ph, Serre-Beinier V, **Berney T**, Buhler L, Gonelle-Gispert C.
Mesenchymal stem cells derived from human exocrine pancreas express transcription factors implicated in beta-cell development.
Pancreas 2008; 37: 75-84.
127. Kessler L, Greget M, Metivier AC, Moreau F, Bosco D, Santelmo N, Helms O, Pinget M, **Berney T**, Massard G, Kessler R.
Combined pancreatic islet-lung transplantation with islet percutaneous portal embolization in cystic fibrosis.
Transplantation 2008; 85:1670-1.
128. Maedler K, Schulthess F, Bielman C, **Berney T**, Bonny C, Prentki M, Donath M, Roduit R.
Glucose and leptin induce apoptosis in human beta-cells and impair glucose-stimulated insulin secretion through activation of c_jun N-terminal kinases.
FASEB J 2008; 22: 1905-13.
129. Parnaud G, Bosco D, **Berney T**, Pattou F, Kerr-Conte J, Donath M, Bruun C, Mandrup-Poulsen T, Billestrup N, Halban P.-A.
Proliferation of sorted human and rat beta cells.
Diabetologia 2008; 51: 91-100.
130. Toso C, Serre-Beinier V, Emamaullee J, Merani S, Armanet M, Wojtusciszyn A, Bosco D, Calandra T, Roger T, Morel P, Shapiro AMJ, **Berney T**.
The role of macrophage migration inhibitory factor in mouse islet transplantation
Transplantation 2008; 86: 1361-1369.
131. Hadaya K, de Rham C, Bandelier C, Bandelier C, Ferrari-Lacraz S, Jendly S, **Berney T**, Buhler L, Kaiser L, Seebach JD, Tiercy JM, Martin PY, Villard J.
Natural killer cell receptor repertoire and their ligands, and the risk of CMV infection after kidney transplantation.
Am J Transplant 2008; 8: 2674-2683.
132. Alejandro R, Barton FB, Hering BJ, Wease S, Shapiro AM, Senior P, Lakey J, Ryan E, Baker S, Bourne W, Dinyari P, McCready T, Trasbourg C, Kin T, LaBranche K, McGee-Wilson D, Menon V, Sarmon D, Reswell B, Wright J, Alejandro R, Ricordi C, Baidal D, Blanco-Jivanjee Y, Cure P, Froud T, Hafiz M, Khan A, Perez MI, Rothenberg L, Silva-Ramos M, Hering BJ, Ansite J, Bland B, Duderstadt K, Gibson C, Hodges K, Jevne R, Larson V, Radosevich D, Spindler D, Zylla D, Fraga D, Parkey J, Nettles A, White S, Pattou F, Ezzouaoui R, Gmyr V, Kerr-Conte J, Raverdy V, Vantuyghem MC, Naji A, Markmann EM, McLaughlin D, Palanjian M, Deng S, Lu C, Goss JA, Durkop C, Mote A, Schock P, Zgabay T, Goodpastor S, Inman S, Mote A, Cagliero E, Dea A, Omer AK, Turgeon H, Weir G, Chen L, Hacker J, Ikle D, Longmate J, Mullen Y, Santiago J, Shiang KD, Smith C, Lesiecki L, Omori K, LaRose A, Johnson L, Miller A, Garfinkel M, Roberts M, Skarbek R, Connors M, Shah M, Zhao P, Lockwood M, Thomas S, Murphy P, Rusk K, Singraber K, Oberholzer J, Benedetti E, Bui J, Hatipoglu B, Owens C, Bui J, West D, Avila J, Hansen M, Kaplan B, Martellotto J, Nash K, Romagnoli T, Sadat K, Salehi P, Smith C, Barbaro B, George L, Gracia-Knutninen M, Pallan P, Qi M, Shestokas E, Wang S, Rigby M, Larsen C, Holbrook E, Sanders E, Sears M, Joseph J, **Berney T**, Boely E, Demuylder-Mischler S, Hanson M, Radke N, Fernandez L, Kalvin J, Odorico J, Radke N, Schneider

- K, Westby L, Desai N, Kemp D, Olack B, O'Brien L, Robertson H, Kaufman D, Pellar S, Olszewski B, Stuart E, Al-Saden P, Lockwood M, Reinhart N, Hecyk A, Levy M, Grimes D, Otken L, Naziruddin B, Rossini A, Hartigan C, Thompson M, Wiseman A, Britz B, Gill R, Sours H, Valentine A, Wallace A, Weiner L, Westbrook K, Bishop J, George S, Belzer M, Stock P, Posselt A, Bluestone J, McElroy J, Garwood C, Szot G, Ramos D, Gaber AO, Bogard D, Culbreath B, Fraga D, Lo A, McGee-Wilson D, Simmons W, Ketchum R, Hanschew M, Angle J, Broshek D, Freeman J, Garbee C, Hagspiel K, Kovatchev B, McCall A, McKinley C, Pruett T, Sawyer R, Schmitt T, Marks W, Cattral M, Adcock L, Donat D, Sheedy J, Wright E, Haslegrave M, Nsouli M, Gores P, Sauzier G, Williams D, McGraw M, Herold K, Hardy MA, Comninel S, Guo Q, Bader S, Kelly J, Liu Z, Ruiz EP, Witkowski P, Goldstein R, Hwa A, Appel MC, McBride M, Niland J, Cravens J, Olack B, Antler M, Kaddis J, Sowinski J, Barton FB, Stablein D, Wease S, Damodharan Y, Mandzuk C, Heitman A, Cravens J, Calaway B, Long J, Wagner C, Danoff R. Collaborative Islet Transplant Registry Investigators. 2008 Update from the Collaborative Islet Transplant Registry. *Transplantation* 2008; 86: 1783-8.
133. Niclauss N, Sgroi A, Morel P, Baertschiger R, Armanet M, Wojtuszczyzn A, Parnaud G, Muller Y, **Berney T**, Bosco D. Computer-assisted digital image analysis to quantify the mass and purity of isolated human islets before transplantation. *Transplantation* 2008; 86: 1603-1609.
134. Malaise J, De Roover A, Squifflet JP, Land W, Neuhaus P, Pratschke J, Kahl A, Pascher A, Boas-Knoop S, Arbogast H, Hoffmann J, Illner WD, Seissler, Schlamp, Viebahn, Wunsch, Hajt, Klar E, Scharek W, Hopt, Pisarski P, Drognitz O, Thurow C, Dette K, Bechstein WO, Woeste G, Klempnauer J, Becker T, Lück, Neipp, Königsrainer A, Steuerer W, Margreiter R, Mark, Bonatti, Saudek F, Boucek P, Adamec M, Havrdova T, Koznarova R, Vanrenterghem Y, Pirenne J, Maes B, Kuypers D, Coosemans W, Evenepoel P, van Ophem D, Marcelis V, van Vlem, Peeters, de Hemptinne, de Roose, Fernandez-Cruz L, Ricart MJ, Nakache R, Morel P, **Berney T**, Demuylder S. Immunosuppression in pancreas transplantation: the Euro SPK trials and beyond. *Acta Chir Belg* 2008; 108: 673-678.
135. **Berney T**, Ferrari-Lacraz S, Bühler L, Oberholzer J, Marangon N, Philippe J, Villard J, Morel P. Long-term insulin-independence after allogeneic islet transplantation for type 1 diabetes: over the 10-year mark. *Am J Transplant* 2009; 9: 419-423.
136. Serre-Beinier V, Bosco D, Zulianello L, Charollais A, Caille D, Charpantier E, Gauthier BR, Diaferia GR, Giepmans BN, Lupi R, Marchetti P, Deng S, Buhler L, **Berney T**, Cirulli V, Meda P. Cx36 makes channels coupling human pancreatic beta-cells, and correlates with insulin expression. *Hum Mol Genet* 2009; 18: 428-439.
137. Benhamou PY, Milliat-Guittard L, Wojtuszczyzn A, Kessler L, Toso C, Baertschiger R, Debaty I, Badet L, Penfornis A, Thivolet C, Renard E, Bayle F, Morel P, Morelon E, Colin C, **Berney T**; GRAGIL group. Quality of life after islet transplantation: data from the GRAGIL 1 and 2 trials. *Diabetic Med* 2009; 26: 617-21.
138. Kessler L, Parissiadis A, Bayle F, Moreau F, Pinget M, Froelich N, Cazenave JP, **Berney T**, Benhamou PY, Hanau D; GRAGIL Study Group.

- Evidence for humoral rejection of a pancreatic islet graft and rescue with rituximab and IV immunoglobulin therapy.
Am J Transplant 2009; 9: 1961-6.
PubMed PMID: 19522877.
139. Wojtusciszyn A, Andres A, Morel P, Charvier S, Armanet M, Toso C, Choi Y, Bosco D, **Berney T**.
Immunomodulation by blockade of the TRANCE co-stimulatory pathway in murine allogeneic islet transplantation.
Transpl Int 2009; 22: 931-9.
 140. Parnaud G, Hammar E, Ribaux P, Donath MY, **Berney T**, Halban PA.
Signaling pathways implicated in the stimulation of beta-cell proliferation by extracellular matrix.
Mol Endocrinol 2009; 23:1264-71.
 141. Armanet M, Wojtusciszyn A, Morel P, Parnaud G, Rousselle P, Sinigaglia C, **Berney T**, Bosco D.
Regulated laminin-332 expression in human islets of Langerhans.
FASEB J 2009, 23: 4046-4055.
 142. Rütli S, Ehses JA, Sibling RA, Prazak R, Rohrer L, Georgopoulos S, Meier DT, Niclauss N, **Berney T**, Donath MY, von Eckardstein A.
Low and high-density lipoproteins modulate function, apoptosis and proliferation of primary human and murine pancreatic beta cells.
Endocrinology 2009,150 : 4521-4530.
 143. Genevay M, Dumonceau J-M, **Berney T**, Terraz S, Felley C, Morel P., Frossard J-L.
Unusual masses of the pancreas to be aware of.
Case Rep Gastroenterol 2009; 3:389-394
 144. Gaulton K, Nammo T, Pasquali L, Simon JM, Giresi P, Fogarty M, Panhuis T, Mieczkowski P, Secchi A, Bosco D, **Berney T**, Montanya E, Mohlke K, Lieb J, Ferrer J.
A map of open chromatin in human pancreatic islets
Nat Genet 2010, 42: 255-259.
 145. Bosco D, Armanet M, Morel P, Niclauss N, Sgroi A, Muller YD, Giovannoni L, Parnaud G, **Berney T**.
Unique arrangement of alpha- and beta-cells in human islets of Langerhans.
Diabetes 2010, 59: 1202-1210.
 146. Dubois S, Madec AM, Mesnier A, Armanet M, Chikh K, **Berney T**, Thivolet C.
Glucose inhibits angiogenesis of isolated human pancreatic islets
J Mol Endocrinol 2010, 45(2): 99-105.
 147. Serre-Beinier V, Toso C, Morel Ph, Gonelle-Gispert C, Veyrat-Durebex C, Rohner-Jeanrenaud F, Calandra T, Roger T, James RW, Montet X, Buhler L, Bosco D, **Berney T**.
Macrophage migration inhibitory factor-deficiency leads to age-dependent impairment of glucose homeostasis in mice.
J Endocrinol 2010, 206(3): 297-306
 148. Kessler L, Greget M, Metivier AC, Moreau F, Armanet M, Santelmo N, Massard G, **Berney T**, Kessler R.
Combined pancreatic islets-lung transplantation in cystic fibrosis-related diabetes : case

- reports.
Transplant Proc. 2010; 42(10): 4338-40
149. Kessler L, Bakopoulou S, Kessler R, Massard G, Santelmo N, Greget M, Moreau F, helms O, Bosco D, Gasche-Soccal P, Morel Ph, Wolf P, **Berney T**, GRAGIL Group.
Combined pancreatic islet-lung transplantation : a novel approach to the treatment of end-stage cystic fibrosis.
Am J Transplant. 2010, 10(7): 1707-12
150. Ris F, Lepetit-Coiffe M, Meda P, Crowe LA, Toso C, Armanet M, Niclauss N, Parnaud G, Giovannoni L, Bosco D, Morel P, Vallee JP, **Berney T**.
Assessment of human islet labeling with clinical grade iron nanoparticles prior to transplantation for graft monitoring by MRI
Cell Transplant 2010, 19:1573-85
151. Niclauss N, Bosco D, Morel P, Demylder-Mischler S, Brault C, Milliat-Guittard L, Colin C, Parnaud G, Muller Y, Giovannoni L, Meier R, Toso C, Badet L, Benhamou P-Y, **Berney T**.
Influence of donor age on islet isolation and transplantation outcome
Transplantation 2011; 91(3):360-366
152. Niclauss N, Bosco D, Morel P, Giovannoni L, Parnaud G, **Berney T***
Rapamycin impairs proliferation of transplanted islet B cells.
Transplantation 2011, 91:714-22
**co-senior author*
153. Toso C, Pawlick R, Lacotte S, Edgar R, Davis J, Call MM, Morel P, Mentha G, **Berney T**, Shapiro AM.
Detecting rejection after mouse islet transplantation utilizing islet protein-stimulated ELISPOT.
Cell Transplant 2011, 20(6) : 955-62
154. Crowe L, Ris F, Nilles-Vallespin S, Speier P, Masson S, Armanet M, Morel Ph, Toso C, Bosco D, Vallee J.-P, **Berney T*** **co-senior author*
A novel method for quantitative monitoring of transplanted islets of Langerhans by positive contrast magnetic resonance imaging
Am J Transplant 2011, 11(6) : 1158-68
155. Ris F, Niclauss N, Morel P, Demuylder-Mischler S, Muller Y, Meier R, Genevay M, Bosco D, **Berney T**.
Islet autotransplantation after extended pancreatectomy for focal benign disease of the pancreas.
Transplantation 2011, 91(8) : 895-901
156. Bouzakri K, Plomgaard P, **Berney T**, Donath MY, Pedersen BK, Halban PA
Bimodal effect on pancreatic beta-cells of secretory products from normal or insulin resistant human skeletal muscle.
Diabetes 2011, 60(4) : 1111-21
157. Mohty B, Bel M, Vukicevic M, Nagy M, Levrat E, Meier S, Grillet S, Combescure C, Kaiser L, Chalandon Y, Passweg J, Siegrist CA, Roosnek E; Blood and Marrow Transplant Program; Geneva University Hospitals **H1N1 Study Group**.
Graft-versus-host disease is the major determinant of humoral responses to all AS03-
adjuvanted influenza A/09/H1N1 vaccine in allogeneic hematopoietic stem cell transplant recipients

- Haematologica 2011, 96(6) : 896-904
158. Toti F, Bayle F, **Berney T**, Egelhofer H, richard MJ, Greget M, Masson D, Zobairi F, Benhamou PY, Kessler L, GRAGIL Group
Studies of circulating microparticle release in peripheral blood after pancreatic islet transplantation
Transplant Proc 2011, 43(9) : 324-5
159. Parnaud G, Gonelle-Gispert C, Morel Ph, Giovannoni L, Muller Y, Meier R, Borot S, **Berney T**, Bosco D
Cadherin engagement protects human β -cells from apoptosis
Endocrinology 2011, 152(12) : 4601-9
160. Lorenzo PI, Jimenez Moreno CM, Delgado I, cobo-Vuilleumier N, Meier R, Gomez-Izquierdo L, **Berney T**, Garcia-Carbonero R, Rojas A, Gauthier BR
Immunohistochemical assessment of Pax8 expression during pancreatic islet development and in human neuroendocrine tumors
Histochem Cell Biol 2011; 136(5) : 595-607
161. Borot S, Niclauss N, Wojtuszczyzn A, Brault C, Demuylder-Mischler S, Müller Y, Giovannoni L, Parnaud G, Meier R, Badet L, Bayle F, Frimat L, Kessler L, Morelon E, Penfornis A, thivolet C, Toso C, Morel P, Bosco D, Colin C, Benhamou PY, **Berney T**, GRAGIL Network
Impact of the number of infusions on 2-year results of islet-after-kidney transplantation in the GRAGIL Network
Transplantation 2011; 92(9) : 1031-8
162. Mezghenna K, Pomiès P, Chalançon A, Castex F, Leroy J, Niclauss N, Nadal B, Cambier L, Cazevieille C, Petit P, Gomis R, **Berney T**, Gross R, Lajoix AD
Increased neuronal nitric oxide synthase dimerisation is involved in rat and human pancreatic beta cell hyperactivity in obesity
Diabetologia 2011, 54(11) : 2856-66
163. Moldovan B, Mentha G, Majno P, **Berney T**, Morard I, Giostra E, Wildhaber BE, Van Delden C, Morel P, Toso C
Demographics and outcomes of severe herpes simplex virus hepatitis : a registry-based study
J Hepatol 2011, 55(6) : 1222-6
164. Merani S, Majno P, Kneteman NM, **Berney T**, Morel P, Mentha G, Toso C.
The impact of waiting list alpha-fetoprotein changes on the outcome of liver transplant for hepatocellular carcinoma
J Hepatol 2011; 55(4) : 814-9
165. El Amari EB, Hadaya K, Bühler B, **Berney T**, Rohner P, Martin PY, Mentha G, Van Delden C
Outcome of treated and untreated asymptomatic bacteriuria in renal transplant recipients
Nephrol Dial Transplant 2011; 26(12) : 4109-14
166. Gabay C, Bel M, Combescure C. Ribi C, Meier S, Posfay-Barbe K, Grillet S, Seebach JD, Kaiser L, Wunderli W, Guerne PA, Siegrist CA, **H1N1 Study Group**
Impact of synthetic and biologic disease-modifying antirheumatic drugs on antibody responses to the AS03-adjuvanted pandemic influenza vaccine : a prospective, open-label, parallel-cohort, single-center study
Arthritis Rheum 2011; 63(6) : 1486-1496

167. Bedat B, Genevay M, Dumonceau JM, Frossard JL, Forger J, Morel Ph, **Berney T**. Association between lymphoepithelial cysts of the pancreas and HIV infection
Pancreatology 2012, 12 : 61-64
168. Calmy A, Bel M, Nguyen A, Combescure C, Delhumeau C, Meier S, Yerly S, Kaiser L, Hirschel B, Siegrist CA, **the H1N1 Study Group**
Strong serological responses and HIV RNA increase following AS03-adjuvanted pandemic immunization in HIV-infected patients
HIV Med 2012, 13(4) : 207-218
169. Moreau F, Toti F, Bayle F, **Berney T**, Egelhofer H, Chastre M, Richard MJ, Greget M, Masson D, Zobairi F, Benhamou PY, Kessler L, GRAGIL Group
Rescue of a pancreatic islet graft after steroid therapy
Transplantation 2012, 93(3) : e 10-11.
170. Assalino M, Genevay M, Morel Ph, Demuylder-Mischler S, Toso C, **Berney T**.
Recurrence of type 1 diabetes after simultaneous pancreas-kidney transplantation in the absence of GAD and IA-2 autoantibodies
Am J Transplant 2012, 12(2) : 492-5
171. Niclauss N, Wojtuszczyzn A, Morel Ph, Demuylder-Mischler S, Brault C, Parnaud G, Ris F, Bosco D, Badet L, Benhamou PY, **Berney T**.
Comparative impact on islet isolation and transplant outcome of the preservation solutions Institut Georges Lopez-1, University of Wisconsin, and Celsior
Transplantation 2012; 93: 703-8
172. Siegrist C.A, Ambrosioni J, Bel M, Combescure C, Hadaya K, Martin PY, Soccia P, **Berney T**, Noble S, Meier S, Posfay-Barbe K, Grillet S, Kaiser L, Van Delden C
Responses of solid organ transplant recipients to the AS03-adjuvanted pandemic influenza vaccine
Antiviral Ther 2012; 17: 893-903
173. Toso C, Dupuis-Lozeron E, Majho P, **Berney T**, Kneteman NM, Perneger T, Morel Ph, Mentha G, Combescure C.
A model for dropout assessment of candidates with or without hepatocellular carcinoma on a common liver transplant waiting list
Hepatology 2012; 56: 149-156
174. Andres A, Gerstel E, Combescure C, Asthana S, Merani S, Majno P, **Berney T**, Morel Ph, Kneteman N, Mentha G, Toso C.
A score predicting survival after liver retransplantation for hepatitis C virus cirrhosis
Transplantation 2012; 93: 717-22
175. Barton FB, Rickels MR, Alelandro R, Hering BJ, Wease S, Naziruddin B, Oberholzer J, Odorico JS, Garfinkel MR, Levy M, Pattou F, **Berney T**, Secchi A, Messinger S, Senior PA, Maffi P, Posselt A, Stock PG, Kaufman DB, Luo X, Kandeel F, Cagliero E, Turgeon NA, Witkowski P, Naji A, O'Connell PJ, Greenbaum C, Kudva YC, Brayman KL, Aull MJ, Larsen C, Kay TW, Fernandez LA, Vantighem MC, Bellin M, Shapiro AM
Improvement in outcomes of clinical islet transplantation : 1999 – 2010.
Diabetes Care 2012, 35: 1436-1445
176. Schächli MG, Meier S, Bel M, Siegrist CA, Posfay-Barbe K, **H1N1 Study Group**.
Protective antibody responses to influenza A/H1N1/09 vaccination in children with

- celiac disease.
J Pediatr Gastroenterol Nutr 2012; 54 : 817-9.
177. Hottinger AF, George AC, Bel M, Fayet L, Combescure C, Meier S, Grillet S, Posfay-Barbe K, Kaiser L, Siegrist CA, Dietrich PY, **H1N1 Study Group**.
A prospective study of the factors shaping antibody responses to the AS03-adjuvanted influenza A/H1N1 vaccine in cancer outpatients
Oncologist 2012; 17 : 436-45
178. Naziruddin B, Wease S, Stablein D, Barton FB, **Berney T**, Rickels MR, Alejandro R.
HLA class I sensitization in islet transplant recipients: report from the Collaborative Islet Transplant Registry.
Cell Transplant 2012; 21:901-908.
179. I. Moran, I. Akerman, M. Van de Bunt, R. Xie, M. Benazra, T. Nammo, L. Arnes, N. Nakic, J. Garcia-Hurtado, S. Rodriguez-Segui, L. Pasquali, C. Sauty-Colace, A. Beucher, R. Scharfmann, J. Van Arensbergen, P. R. Johnson, A. Berry, C. Lee, T. Harkins, V. Gmyr, F. Pattou, J. Kerr-Conte, L. Piemonti, **T. Berney**, N. Hanley, A. L. Gloyn, L. Sussel, L. Langman, K. Brayman, M. Sander, M. McCarthy, P. Ravassard, J. Ferrer.
Human β cell transcriptome analysis uncovers lncRNAs that are tissue-specific, dynamically regulated, and abnormally expressed in type 2 diabetes
Cell Metabolism 2012; 16: 435-448.
180. Lacotte S, Borot S, Ferrari-Lacraz S, Villard J, Demuylder-Mischler S, Oldani G, Morel P, Mentha G, **Berney T**, Toso C.
Post-transplant cellular immune reactivity against donor-antigen correlates with clinical islet transplantation outcome : towards a better post-transplant monitoring
Cell Transplant 2012; 21: 2339-2350.
181. Benhammane H, Kharmoum S, Terraz S, **Berney T**, Nguyen-Tang T, Genevay M, El Mesbahi O, Roth A.
Common bile duct adenocarcinoma in a patient with situs inversus totalis: report of a rare case.
BMC Res Notes 2012 ; 5 : 681.
182. Toso C, Cader S, Mentha-Dugerdil A, Meeberg G, Majno P, Morard I, Giostra E, **Berney T**, Morel P, Mentha G, Kneteman NM.
Factors predicting survival after post-transplant hepatocellular carcinoma recurrence.
J Hepatobiliary Pancreat Sci 2013; 20: 342-347.
183. Buron F, Thauinat O, Demuylder-Mischler S, Badet L, Brunet M, Ber C.E., Thivolet C, Martin X, **Berney T**, Morelon E.
Pancreas retransplantation : a second chance for diabetic patients ?
Transplantation 2013; 95: 347-352.
184. Orci LA, Majno PE, **Berney T**, Morel P, Mentha G, Toso C.
The impact of wait list body mass index changes on the outcome after liver transplantation
Transpl Int 2013; 26: 170-176.
185. Papas KK, Karatzas T, **Berney T**, Minor T, Pappas P, Pattou F, Shaw J, Toso C, Schuurman HJ.
International workshop: islet transplantation without borders enabling islet transplantation in Greece with international collaboration and innovative technology
Clin Transplant 2013; 27: e116-125.

186. Muller Y, Gupta S, Morel P, Borot S, Bettens F, Truchetet ME, Villard J, Seebach JD, Holmberg D, Toso C, Lobrinus JA, Bosco D, **Berney T**.
Transplanted Human Pancreatic Islets After Long-Term Insulin Independence.
Am J Transplant 2013 ; 13 : 1093-1097.
187. Klein J, Tran SN, Mentha-Dugerdil A, Giostra E, Majno P, Morard I, **Berney T**, Dendauw P, Morel P, Mentha G, Iselin CE, Toso C.
Assessment of sexual function and conjugal satisfaction prior to and after liver transplantation.
Ann Transplant 2013 ; 18: 136-145.
188. Orci LA, Oldani G, **Berney T**, Andres A, Mentha G, Morel P, Toso C.
Systematic review and meta-analysis of fibrin sealants for patients undergoing pancreatic resection.
HPB (Oxford) 2013 ; 16: 3-11.
189. Nica AC, Ongen H, Irminger JC, Bosco D, **Berney T**, Antonarakis SE, Halban PA, Dermitzakis ET.
Cell-type, allelic and genetic signatures in the human pancreatic beta cell transcriptome.
Genome Res 2013 ; 23: 1554-62.
190. Elkhafif N, Borot S, Morel P, Demuylder-Mischler S, Giovannoni L, Toso C, Bosco D, **Berney T**.
Endocrine secretory reserve and proinsulin processing in recipients of islet of Langerhans versus whole pancreas transplants.
Diabetes Care 2013 ; 36 : 3726-31.
191. Borot S, Crowe LA, Parnaud G, Ris F, Meier R, Giovannoni L, Müller YD, Lacotte S, Morel P, Toso C, Bosco D, Vallee JP, **Berney T**.
Quantification of islet loss and graft functionality during immune rejection by 3-Tesla MRI in a rat model.
Transplantation 2013; 96:4 38-44.
192. Balarugan AN, Naziruddin B, Lockridge A, Tiwari M, Loganathan G, Takita M, Matsumoto S, Papas K, Trieger M, Rainis H, Kin T, Kay TW, Wease S, Messinger S, Ricordi C, Aljandro R, Markmann J, Kerr-Conti J, Richels MR, Liu C, Zhang X, Witkowski P, Posselt A, Maffi P, Secchi A, **Berney T**, O'Connell PJ, Hering BJ, Barton FB.
Islet product characteristics and factors related to successful human islet transplantation from the Collaborative Islet Transplant Registry (CITR) 1999-2010
Am J Transplant 2014, 14(11) : 2595-606
193. Iranmanesh P, Frossard JL, Mugnier-Konrad B, Morel P, Majno P, Nguyen-Tang T, **Berney T**, Mentha G, Toso C.
Initial cholecystectomy vs sequential common duct endoscopic assessment and subsequent cholecystectomy for suspected gallstone migration : a randomized clinical trial.
JAMA 2014, 312(2) : 137-44.
194. Meier RP, Sert I, Morel P, Muller Y, Borrot S, Badet L, Toso C, Bosco D, **Berney T**.
Islet of Langerhans isolation from pediatric and juvenile donor pancreases.
Transpl Int. 2014; 27(9) : 949-55.
195. Niclauss N, Morel P, **Berney T**.
Has the gap between pancreas and islet transplantation closed ?

- Transplantation 2014; 98(6) : 593-9
196. Oldani G, Crowe LA, Orci LA, Slits F, Rubbia-Brandt L, De Vito C, Morel P, Mentha G, **Berney T**, Vallée JP, Lacotte S, Toso C.
Pre-retrieval reperfusion decreases cancer recurrence after rat ischemic liver graft transplantation
J Hepatol 2014 ; 61(2) : 278-85.
 197. Toso C, Majno P, **Berney T**, Morel P, Mentha G, Combescure C.
Validation of a dropout assessment model of candidates with/without hepatocellular carcinoma on a common liver transplant waiting list.
Transpl Int. 2014 ; 27(7) : 686-95.
 198. Pasquali L, Gaulton KJ, Rodriguez-Segui SA, Mularoni L, Miguel-Escalada I, Akerman I, Tena JJ, Moran I, Gomez-Marin C, Van de Bunt M, Ponsa-Cobas J, Castro N, Nammo T, Cebola I, Garcia-Hurtado J, Maestro MA, Patrou F, Piermonti L, **Berney T**, Gloyn AL, Ravassard P, Gomez-Skarmeta JL, Müller F, McCarthy MI, Ferrer J.
Pancreatic islet enhancer clusters enriched in type 2 diabetes risk-associated variants.
Nat Genet 2014 ; 46(2) : 136-43
 199. Meier RP, Seebach JD, Morel P, Mahou R, Borot S, Giovannoni L, Parnaud G, Montanari E, Bosco D, Wandrey C, **Berney T**, Bühler L, Muller YD.
Survival of free and encapsulated human an rat islet xenografts transplanted into the mouse bone marrow.
PLoS One 2014 ; 9(3) : e91268
 200. Maffi P, **Berney T**, Nano R, Niclauss N, Bosco D, Melzi R, Mercalli A, Magistretti P, De Cobelli F, Battaglia M, Scanivini M, Demulder-Mischler S, Secchi A, Piemonti L.
Calcineurin inhibitor-free immunosuppressive Regimen in type 1 diabetes patients receiving islet transplantation : single-group phase ½ trial ».
Transplantation 2014, 98(12) : 1301-9
 201. Bedat B, Niclauss N, Jannot AS, Andres A, Toso C, Morel P, **Berney T**.
Impact of recipient body mass index on short and long-term survival of pancreatic grafts
Transplantation 2015 ; 99 : 94-99
 202. Giovannoni L, Müller Y, Lacotte S, Parnaud G, Borot S, Meier RP, Lavallard V, Bédât B, Toso C, Daubeuf B, Elson G, Shang L, Morel P, Kosco-Villbois M, Bosco D, **Berney T**.
Enhancement of islet engraftment and achievement of long-term islet allograft survival by toll-like receptor 4 blockade.
Transplantation 2015, 99 : 29-35
 203. Muller YD, Morel P, **Berney T**.
Absence of amyloid deposition in human islets transplantation after 13 years insulin independence.
Transplantation 2015 ; 99(4) : e31-2
 204. Lablanche S, Cottet-Rousselle C, Argaud L, Laporte C, Lamarche F, Richard MJ, **Berney T**, Benhamou PY, Fontaine E.
Respective effects of oxygen and energy substrate deprivation on beta cell viability.
Biochim Biophys Acta 2015 ; 1847(6-7) : 629-639
 205. Parnaud G, Lavallard V, Bedat B, Matthey-Doret D, Morel P, **Berney T**, Bosco D.
Cadherin engagement improves insulin secretion of single human B-cells.

- Diabetes 2015, 64(3) : 887-97
206. Nano R, Bosco D, Kerr-Conte JA, Karlsson M, Charvier S, Melzi R, Ezzouaoui R, Mercalli A, Hwa A, Pattou F, Korsgren O, **Berney T**, Piemonti L.
Human islet distribution programme for basic research : activity over the last 5 years.
Diabetologia 2015 ; 58(5) : 1138-40.
207. Orci L, Meyer J, Combescure C, Bühler L, **Berney T**, Morel P, Toso C.
A meta-analysis of extended versus standard lymphadenectomy in patients undergoing pancreatoduodenectomy for pancreatic adenocarcinoma.
HPB (Oxford) 2015, Jul ;17(7) : 565-72.
208. **Berney T**, Kandaswamy R.
Who needs a pancreas donor risk index ?
Transplant Int 2015 ; 28(9) : 1025-7
209. Lablanche S, Borot S, Wojtusciszyn A, Bayle F, Tétaz R, Badet L, Thivolet C, Morelon E, Frimat L, Penfornis A, Kessler L, Brault C, Colin C, Tauveron I, Bosco D, **Berney T**, Benhamou PY, Gragil Network
Five-year metabolic, functional, and safety results of patient with type 1 diabetes transplanted with allogenic islets within the Swiss-French Gragil Network.
Diabetes Care 2015 ; 38(9) : 1714-22.
210. Orci L, **Berney T**, Majno P, Lacotte S, Oldani G, Morel P, Mentha G, Toso C.
Donor characteristics and risk of hepatocellular carcinoma recurrence after liver transplantation.
Brit J Surg 2015 ; 102(10) : 1250-7.
211. **Berney T**, Berishvili E.
Toward clinical application of the bioartificial pancreas.
Transplantation 2015 ; 99(11) : 2241-2.
212. Meier RP, Toso C, Terraz S, Breguet R, **Berney T**, Andres A, Jannot AS, Rubbia-Brandt L, Morel P, Majno PE.
Improved liver function after portal vein embolization and an elective right hepatectomy.
HBP (Oxford) 2015 ; 17(11) : 1009-18.
213. Lavallard V, Armanet M, Parnaud G, Meyer J, Barbieux C, Montanari E, Meier R, Morel P, **Berney T**, Bosco D.
Cell rearrangement in transplanted human islets.
FASEB J 2016 ; 30(2) : 748-60.
214. Saini C, Petrenko V, Pulimeno P, Giovannoni L, **Berney T**, Hebrok M, Howald C, Dermitzakis E, Dibner C.
A functional circadian clock is required for proper insulin secretion by human pancreatic islet cells.
Diabetes Obes Metab 2016 ; 18(4) : 355-65
215. Baltzinger P, Moreau F, Greget M, Bédard B, **Berney T**, Kessler L.
Unexpected massive hemothorax after pancreatic islet transplantation : a case report.
Transplant Proc 2016, 48(1) : 285-7
216. Barbieux C, Parnaud G, Lavallard V, Brioudes E, Meyer J, Alibashe AM, berishvili E, **Berney T**, Bosco D.

- Asymmetrical distribution δ and PPP cells in human pancreatic islets
J Endocrinol 2016; 229: 123-132.
217. **Berney T**, Boffa C, Augustine T, Badet L, De Koning E, Pratschke J, Socci C, Friend P. Utilization of organs from donors after circulatory death for vascularized pancreas and islet of Langerhans transplantation : recommendations from an expert group. Transplant Int 2016 ; 29 : 798-806.
218. Delaune V, Toso C, Benhamou PY, Wojtusciszyn A, Kessler L, Slits F, Demuylder-Mischler S, Lablanche S, Orci LA, Oldani G, Morel P, **Berney T**, Lacotte S. Allo-immune monitoring after islet transplantation: a prospective multicenter assessment of 25 recipients. Cell Transplant 2016, 25(12) : 2259-2268.
219. Chaigne B, Geneugelijk K, Bédard B, Ahmed MA, Hönger G, de Seigneux S, Demuylder-Mischler S, **Berney T**, Spierings E, Ferrari-Lacraz S, Villard J. Immunogenicity of anti-HLA antibodies in pancreas and islet transplantation. Cell Transplant 2016; 25(11) : 2041-2050.
220. Calmy A, van Delden C, Giostra E, Junet C, Rubbia-Brandt L, Yerly S, Chave JP, Samer C, Elkrief L, Vionnet J, **Berney T**. HIV-positive-to-HIV-positive liver transplantation. Am J Transplant 2016; 16: 2473-2478.
221. Niclauss N, Bédard B, Morel P, Andres A, Toso C, **Berney T**. Impact of graft implantation order on graft survival in simultaneous pancreas-kidney transplantation. Transpl Int 2016; 29: 627-635.
222. Pouliquen E, Baltzinger P, Lemle A, Chen CC, Parissiadis A, Borot S, Frimat L, Girerd S, **Berney T**, Lablanche S, Benhamou PY, Morelon E, Badet L, Dubois V, Kessler L, Thauinat O. Anti-donor HLA antibody response after pancreatic islet grafting: characteristics, risk factors and impact on graft function. Am J Transplant 2017; 17(2) : 462-473.
223. Lablanche S, David-Tchouda S, Margier J, Schir E, Wojtusciszyn A, Boro S, Kessler L, Morelon E, Thivolet C, Pattou F, Vantyghem MC, **Berney T**, Benhamou PY. Randomised, prospective, medico-economic nationwide French study of islet transplantation in patients with severely unstable type 1 diabetes : the STABILLOT study protocol BMJ Open 2017; 7(2) : 013434
224. Delaune V, **Berney T**, Lacotte S, Toso C. Intraportal islet transplantation : the impact of the liver microenvironment. Transplant Int 2017; 30(3) : 227-238.
225. Dror E, Dalmas E, Meier DT, Wueest S, Thévenet J, Thienel C, Timper K, Nordmann TM, Traub S, Schulze F, Item F, Vallois D, Pattou F, Kerr-Conte J, Lavallard V, **Berney T**, Thorens B, Konrad D, Böni-Schnetzler M, Donath MY. Postprandial macrophage-derived IL-1 β stimulates insulin, and both synergistically promote glucose disposal and inflammation. Nat Immunol 2017; 18(3) : 283-292.
226. Akerman I, Tu Z, Beucher A, Rolando DM, Sauty-Colace C, Benazra M, Nakic N, Yang J, Wang H, Pasquali L, Moran I, Garcia-Hurtado J, Castro N, Gonzalez-Franco R, Stewart

- AF, Bonner C, Piemonti L, **Berney T**, Groop L, Kerr-Conte J, Pattou F, Argmann C, Schadt E, Ravassard P, Ferrer J.
Human pancreatic β cell lncRNAs control cell-specific regulatory networks.
Cell Metab 2017; 25(2) : 400-411.
227. Andres A, Assalino M, Oldani G, Toso C, **Berney T**
Procurement professionalization : a mandatory step to improve the availability and quality of whole pancreas grafts.
Transplant Int 2017; 30(2) : 115-115.
228. Pruett TL, Vathsala A, **Berney T**, Lerut J, Odorico JS, Johnson M, Egawa H, Gonzalez-Martinez F, Haberal M, Ascher NL, Chandraker AK
Criminal organ retrieval : unconscionable.
Am J Transplant 2017; 17(2) : 577.
229. Moussaoui D, Toso C, Nowacka A, McLin VA, Bednarkiewicz M, Andres A, **Berney T**, Majno M, Wildhaber BE.
Early complications after liver transplantation in children and adults : are split grafts equal to each other and equal to whole livers ?
Pediatr Transplant 2017, 21(4)
230. Meier R, Fournier I, Toso C, **Berney T**, Bednarkiewicz M
Surgical Repair of a Living-Donor Kidney Graft Artery Kink by a Postanastomotic External Iliac Artery Rotation and Reanastomosis.
Ann Vasc Surg 2017; Oct(44) : 414
231. Brandhorst D, Parnaud G, Friberg A, Lavallard V, Demuylder-Mischler S, Hughes S, Saphörster J, Kurfürst M, Korsgren O, **Berney T**, Johnson PRV.
Multicenter Assessment of Animal-free Collagenase AF-1 for Human Islet Isolation.
Cell Transplant 2017; Oct 26(10) : 1688 – 1693
232. Assalino M, Majno P, Toso C, **Berney T**, Giraud R, Dutkowski P, Andres A, Wildhaber B, Elkrief L
In situ liver splitting under extracorporeal membrane oxygenation in brain-dead donor.
Am J Transplant 2018, Jan 18(1) : 258-261
233. Lebreton F, Berishvili E, Parnaud G, Rouget C, Bosco D, **Berney T**, Lavallard V
NLRP3 inflammasome is expressed and regulated in human islets.
Cell Death Dis. 2018; Jun 25;9(7) : 726
234. Lablanche S, Vantighem MC, Kessler L, Wojtuszczyzn A, Borot S, Thivolet C, Girerd S, Bosco D, Bosson JL, Colin C, Tetaz R, Logerot S, Kerre-Conte J, Renard E, Penfornis A, Morelon E, Buron F, Skaare K, Grguric G, Camillo-Brault C, Egelhofer H, Benomar K, Badet L, **Berney T**, Pattou F, Benhamou PY: TRIMECO trial investigators
Islet transplantation versus insulin therapy in patients with type 1 diabetes with severe hypoglycaemia or poorly controlled glycaemia after kidney transplantation (TRIMECO) : a multicenter, randomized controlled trial.
Lancet Diabetes Endocrinol 2018; JUL 6(7) : 527-537
235. Piemonti L, de Koning EJP, **Berney T**, Odorico JS, Markmann JF, Stock PG, Rickels MR
Defining outcomes for beta cell replacement therapy : a work in progress.
Diabetologia 2018; Jun 61(6) : 1273-1276
236. Vionnet J, Yerly P, Aubert JD, Pascual M, Aldenkortt F, **Berney T**, Giostra E, Moradpour D, Schiffer E

- Management of severe portopulmonary hypertension with dual oral therapy before liver transplantation.
Transplantation 2018; May 102(5) : 194
237. Rickels MR, Stock PG, de Koning EJP, Piemonti L, Pratschke J, Alejandro R, Bellin MD, **Berney T**, Choudhary P, Johnson PR, Kandaswamy R, Kay TWH, Keymeulen B, Kudva YC, Latres E, Langer RM, Lehmann R, Ludwig B, Markmann JF, Marinac M, Odorico JS, Pattou F, Senior PA, Shaw JAM, Vantighem MC, White S.
Defining outcomes for beta-cell replacement therapy in the treatment of diabetes : a consensus report on the Igls criteria from the IPITA/EPITA opinion leaders workshop.
Transpl Int 2018; April 31(4) : 343-352
238. Villard O, Brun JF, Bories L, Molinari N, Benhamou PY, **Berney T**, Wojtusciszyn A
The second phase of insulin secretion in nondiabetic islet-grafted recipients is altered and can predict graft outcome.
J Clin Endocrinol Metab 2018; Apr 1:103(4) : 1310-1319
239. Chen CC, Pouliquen E, Broisat A, Andreatta F, Racapé M, Bruneval P, Kessler L, Ahmadi M, Bacot S, Saison-Delaplace C, Marcaud M, Van Huyen JD, Loupy A, Villard J, Demuylder-Mischler S, **Berney T**, Morelon E, Tsai MK, Kolop-Sarda MN, Koenig A, Mathias V, Ducreux S, Ghezzi C, Dubois V, Nicoletti A, Defrance T, Thauinat O
Endothelial chimerism and vascular sequestration protect pancreatic islet grafts from antibody-mediated rejection.
J Clin Invest 2018; Jan 2;128(1) : 219-232
240. Anderson SJ, White MG, Armour SL, Maheshwari R, Tiniakos D, Muller YD, Berishvili E, **Berney T**, Shaw JAM
Loss of end-differential beta-cell phenotype following pancreatic islet transplantation.
Am J Transplant 2018 March; 18(3) : 750-755
241. Assalino M, Hadaya K, Andres A, **Berney T**
Discordant rejection in simultaneous pancreas and kidney transplantation : true discordance or analysis artefact ?
Transpl Int 2018; Janv;31(1) : 17-19
242. **Berney T**, Andres A, Toso C, Majno P, Squifflet JP
mTOR inhibition and clinical transplantation : pancreas and islet.
Transplantation 2018; Feb 102 : s30-s31
243. Perrier Q, Tetaz R, Baudrant M, Lepelley M, **Berney T**, Benhamou PY, Lablanche S; STABILOT Study group
Severe acute hepatitis after thymoglobulin induction before islet transplantation.
Therapie 2018; 73(6) : 545-546
244. Assalino M, Podetta M, Demuylder-Mischler S, Francini K, Pernin N, Randin JP, Bosco D, Andres A, **Berney T**
Successful pregnancy and delivery after simultaneous islet-kidney transplantation.
Am J Transplant 2018, 18(8) : 2075-2078
245. Odorico J, Markmann J, Melton D, Greenstein J, Hwa A, Nostro C, Rezanian A, Oberholzer J, Ppieleers D, Yang L, Cowan C, Huangfu D, Egli D, Ben-David U, Vallier L, Grey ST, Tang Q, Roep B, Ricordi C, Naji A, Orlando G, Anderson DG, Poznansky M, Ludwig B, Tornei A, Greiner DL, Graham M, Carpenter M, Migliaccio G, D'Amour K, Hering B, Piemonti L, **Berney T**, Rickels M, Kay T, Adams A
Report of the key opinion leaders meeting on stem cell-derived beta cells.

- Transplantation 2018; 102(8) : 1223-1229
246. Klee P, Dirlweanger M, Lavallard V, Mclin VA, Mornand A, Pernin N, Petit LM, Soccac PM, Wildhaber BE, Zumsteg U, Blouin JL, **Berney T**, Schwitzgebel VM
Combined pancreatic islet-lung-liver transplantation in a pediatric patient with cystic fibrosis related diabetes.
Horm Res Paediatr 2018; 90(4) : 270-274
247. Rickls MR, Stock PG, de Koning EJP, Piemonti L, Pratschke J, Alejandro R, Bellin MD, **Berney T**, Choudhary P, Johnson PR, Kandaswamy R, Kay TWH, Keymeulen B, Kudva YC, Latres E, Langer RM, Lehmann R, Ludwig B, Markmann JF, Marinac M, Odorico JS, Pattou F, Senior PA, Shaw JAM, Vantyghem MC, White S
Defining outcomes for beta-cell replacement therapy in the treatment of diabetes : a consensus report on the Igls criteria from the IPITA/EPITA opinion leaders workshop.
Transplantation 2018; 102(9) : 1479-1486
248. Meier RPH, Andrey DO, Sun P, Niclauss N, Bédard B, Demuylder-Mischler S, Borot S, Benhamou PY, Wojtuszczyzn A, Buron F, Pernin N, Muller YD, Bosco D, Van Delden C, **Berney T**
Pancreas preservation fluid microbial contamination is associated with poor islet isolation outcomes – a multi-centre cohort study.
Transplant Int 2018; 31(8) : 917-929
249. Sanchez-Cabus S, cherqui D, Rashidian N, Pittau G, Elkrief L, Vanlander A, Toso C, Fondevila C, Cunha AS, **Berney T**, Castaind D, de Hemptinne B, Fuster J, Rogiers X, Adam R, Majno P, Gardic-Valdecasas JC, Troisi RI
Left-liver adult to adult living donor liver transplantation : can it be improved ? A retrospective multicenter European study.
Ann Surg 2018; 268(5) : 876-884
250. Andres A, Oldani G, **Berney T**, Compagnon P, Line PD, Toso C
Transplantation for colorectal metastases : on the edge of a revolution.
Transl Gastroenterol Hepatol 2018; Sept 26; 3 : 74
251. Peloso A, Citro A, Zoro T, Cobianchi L, Kahler-Quesada A, Bianchi CM, Andres A, Berishvili E, Piemonti L, **Berney T**, Toso C, Oldani G
Regenerative medicine and diabetes : targeting the extracellular matrix beyond the stem cell approach and encapsulation technology.
Front Endocrinol 2018; Aug 31; 9 : 445
252. Furuyama K, Chera S, Van Gurp L, Oropeza D, Ghila L, Damond N, Vethe H, Paulo JA, Joosten AM, **Berney T**, Bosco D, Dorrell C, Grompe M, Raeder H, Roep BO, Thorel F, Herrera PL
Diabetes relief in mice by glucose-sensing insulin-secreting human α -cells.
Nature 2019; 567(7746) : 43-48
253. Majno PE, Toso C, **Berney T**
Cutting the Gordian knot of living-donor liver transplantation for Budd-Chiari syndrome.
Ann Surg 2019; 269(4) : e46
254. Meillet L, Penfornis A, Benhamou PY, **Berney T**, Borot S, TRIMECO trial and the GRAGIL Network.
First case of insulin neuritis after islet transplantation
Acta Diabetol 2019, Jun,56(6) : 713-715

255. Delaune V, Lacotte S, Gex Q, Slits F, Kahler-Quesada A, Lavallard V, Peloso A, Orci LA, **Berney T**, Toso C
Effects of remote ischaemic preconditioning on intraportal islet transplantation in a rat model.
Transpl Int 2019;Mar,32(3) : 323-333
256. Toso C, Meeberg G, Andres A, Shore C, Saunders C, Bigam DL, Shapiro AMJ, Compagnon P, **Berney T**, Majno P, Kneteman N
Downstaging prior to liver transplantation for hepatocellular carcinoma : advisable but at the price of an increased risk of cancer recurrence – a retrospective study.
Transpl Int 2019; Feb; 32(2) : 163-172
257. Blanchard-Rohner G, Enriquez N, Lemaître B, Cadau G, Combescure C, Giostra E, Hadaya K, Meyer P, Gasche-Soccal PM, **Berney T**, Van Delden C, Siegrist CA
Usefulness of a systematic approach at listing for vaccine prevention in solid organ transplant candidates
Am J Transplant 2019 Feb; 19(2) : 512-521
258. Wojtusciszyn A, Branchereau J, Esposito L, Badet L, Buron F, Chetboun M, Kessler L, Morelon E, **Berney T**, Pattou F, Benhamou PY, Vantyghem MC, TREPID Group
Indications for islet or pancreatic transplantation : statement of the TREPID working group on behalf of the Société francophone du diabète (SFD), Société française d'endocrinologie (SFE), Société francophone de transplantation (SFT) and Société française de néphrologie – dialyse – transplantation (SFNDT)
Diabetes Metab 2019; 45(3) : 224-237.
259. Alibashe-Ahmed M, Roger T, Serre-Beinier V, Berishvili E, Reith W, Bosco D, **Berney T**
Macrophage migration inhibitory factor regulates TLR4 expression and modulates TCR/CD3
Sci Rep 2019; 28;9(1) : 9380.
260. Miguel-Escalada I, Bonas-Guarch S, Cebola I, Ponsa-Cobas J, Medieta-Esteban J, Atla G, Javierre BM, Rolando DMY, Farabella I, Morgan CC, Garcia-Hurtado J, Beucher A, Moran I, Pasquali L, Ramos-Rodriguez M, Appel EVR, Linneberg A, Gjesing AP, Witte DR, Pedersen O, Grarup N, Ravassard P, Torrents D, MErcader JM, Piemonti L, **Berney T**, De Koning EJP, Kerr-Conte J, Pattou F, Fedko IO; Groop L, Prokopenko I, Hansen T, Martin-Renom MA, Fraser P, Ferrer J
Human pancreatic islet three-dimensional chromatin architecture provides insights into the genetics of type 2 diabetes.
Nat Genet 2019; 51(7) : 1137-1148.
261. Nano R, Kerr-Conte JA, Bosco D, Karlsson M, Lavallard V, Melzi R, Gmyr V, Mercalli A, **Berney T**, Pattou F, Korsgre O, Piemonti L
Islets for research : nothing is perfect, but we can do better.
Diabetes 2019; 68(8) : 40-51.
262. Lebreton F, Lavallard V, Bellofatto K, Bonnet R, Wassmer Ch, Perez L, Kalandadze V, Follenzi A, Boulvain M, Kerr-Conte J, Goodman DJ, Bosco D, **Berney T**, Berishvili E
Insulin-producing organoids engineered from islet and amniotic epithelial cells to treat diabetes.
Nat Commun 2019; 10(1) : 4491.
263. Metroz A, Hertli M, **Berney T**, Wildhaber BE
Logistic coordination in pediatric liver transplantation : criteria for optimization.
Transplant Proc 2019; 51(10) : 3320-3329.

264. Alibashe-Ambed M, Brioude E, Rieth W, Bosco D, **Berney T**
Toll-like receptor 4 inhibition prevents autoimmune diabetes in NOD mice.
Sci Rep 2019; 9(1) : 19350.
265. Jalbert M, Zheng F, Wojtuszczyk A, Forbes F, Bonnet S, Skaare K, Benhamou PY, Lablanche S, **Trimeco Study Group**
Glycemic variability indices can be used to diagnose islet transplantation success in type 1 diabetic patients.
Acta Diabetol 2020; 57(3) : 335-345.
266. Muller YD, Vionnet J, Beyeler F, Eigenmann P, Caubet JC, Villard J, **Berney T**, Scherer K, Spertini F, Fricker MP, Lang C, Schmid-Grendelmeier P, Benden C, Roux Lombard P, Aubert V, Immer F, Pascual M, Harr T, Swiss Transplant Cohort Study
Management of allergy transfer upon solid organ transplantations.
Am J Transplant 2020; 20(3) : 834-843.
267. Nano R, Kerr-Conte JA, Scholz H, Engelse M, Karlsson M, Saudek F, Bosco D, Antonioli B, Bertuzzi F, Johnson PRV, Ludwig B, Ling Z, De Paep DL, Keymeulen B, Pattou F, **Berney T**, Korsgren O, de Koning E, Piemonti L
Heterogeneity of human pancreatic islet isolation around Europe : results of a survey study.
Transplantation 2020; 104(1) : 190-196
268. Wassmer CH, Abbassi Z, Ris F, **Berney T**
Intussusception in an immunocompromised patient : a case report and review of the literature.
Am J Case Rep 2020; 15,21 : e919974.
269. Assalino M, Terraz S, Grat M, Lai Q, Vachharajani N, Gringeri E, Bongini MA, Kulik L, Tabrizian P, Agopian V, Mehta N, Brustia R, Vitali GC, Andres T, **Berney T**, Mazzaferro V, Compagnon P, Majno P, Cillo U, Chapman W, Zieniewicz K, Scatton O, Toso C
Liver transplantation for hepatocellular carcinoma after successful treatment of macrovascular invasion – a multi-center retrospective cohort study.
Transplant Int 2020; 33(5) : 567-575.
270. Ponthus S, Spahr L, Casini A, **Berney T**, Frossard JL, Majno P, Elkrief L
Safety of variceal band ligation in patients with cirrhosis and portal vein thrombosis treated with anticoagulant therapy : a retrospective study.
Eur J Gastroenterol Hepatol 2020; 32(3) : 395-400
271. Bouzakri K, Veyrat-Durebex C, Holterman C, Aous C, Barbieux C, Bosco D, Altirriba J, Alibashe M, Tournier BB, Gunton JE, Mouche S, Bietiger W, Forterre A, **Berney T**, Pinget M, Christofori G, Kennedy C, Szanto I
Beta-cell-specific expression of nicotinamide adenine dinucleotide phosphate oxidase 5 aggravates high-fat diet-induced impairment of islet insulin secretion in mice.
Antioxid Redox Signal 2020; 32(9) : 618-635.
272. Brioude E, Alibashe-Ahmed M, Lavallard V, **Berney T**, Bosco D
Syndecan-4 is regulated by IL-1beta in beta-cells and human islets.
Mol Cell Endocrinol 2020; 510 : 110815.
273. Lavallard V, Cotté-Dumoulin D, Wassmer CH, Rouget C, Parnaud G, Brioude E, Lebreton F, Bellofatto K, Berishvili E, **Berney T**, Bosco D
NLRP3 inflammasome is activated in rat pancreatic islets by transplantation and hypoxia.
Sci Rep 2020; 10(1) : 7011.

274. Ambagtsheer F, Haase-Kromwijk B, Dor FJMF, Moorlock G, Citterio F, **Berney T**, Massey EK
Global kidney exchange : opportunity or exploitation ? an ELPAT/ESOT appraisal.
Transpl Int 2020; 33(9) : 989-998.
275. Tschopp J, L'Huillier AG, Mombelli M, Mueller NJ, Khanna N, Garzoni C, Meloni D, Papadimitriou-Olivgeris M, Neofytos D, Hirsch HH, Schuurmans MM, Müller T, **Berney T**, Steiger J, Pascual M, Manuel O, Van Delden C, Swiss Transplant Cohort Study (STCS)
First experience of SARS-CoV-2 infections in solid organ transplant recipients in the Swiss Transplant Cohort Study.
Am J Transplant 2020; 20(10): 2876-2882.
276. Colucci N, Teasca L, Riat A, Lazarevic V, Van Delden C, **Berney T**, Toso C, Neofytos D
First case of *Cryptococcus gattii* multilobar pneumoniae in Switzerland and associated challenges.
Swiss Med Wkly 2020; 150; w20306.
277. Kronig I, Elkrief L, **Berney T**, Van Delden C, Neofytos D
Combination treatment with Letemovir and Ganciclovir for maintenance therapy of multidrug-resistant CMV infection in a liver transplant recipient.
Transplantation 2020; 104(8): e248-e249.
278. Meier RPH, Meyer J, Muller YD, Szot GL, Bédard B, Andres A, Massé N, Lablanche S, Puppa G, Bosco D, **Berney T**
Pancreas collagen digestion during islet of Langerhans isolation – a prospective study.
Transpl Int 2020; 33(11) : 1516-1528.
279. Wassmer CH, Perrier Q, Combescure C, Pernin N, Parnaud G, Cottet-Dumoulin D, Brioude E, Bellofatto K, Lebreton F, Berishvili E, Lablanche S, Kessler L, Wojtusciszyn A, Buron F, Borot S, Bosco D, **Berney T**, Lavallard V
Impact of ischemia time on islet isolation success and posttransplantation outcomes: A retrospective study of 452 pancreas isolations
Am J Transplant 2020; 21(4):1493-1502.
280. Ahn C, Amer H, Anglicheau D, Ascher NL, Baan CC, Battsetset G, Bat-Ireedui B, **Berney T**, Betjes MGH, Bichu S, Birn H, Brennan D, Bromberg J, Caillard S, Cannon RM, Cantarovich M, Chan A, Chen ZS, Chapman JR, Cole EH, Cross N, Durant F, Egawa H, Emond JC, Farrero M, Friend PJ, Geissler EK, Ha J, Haberal MA, Henderson ML, Hesselink DA, Humar A, Jassem W, Jeong JC, Kaplan B, Kee T, Kim SJ, Kumar D, Legendre CM, Man K, Moulin B, Muller E, Munkhbat R, Od-Erdene L, Perrin P, Rela M, Tanabe K, Tedesco Silva H, Tinckam KT, Tullius SG, Wong G
Global transplantation COVID Report March 2020.
Transplantation 2020; 104(10): 1974-1983.
281. Dash J, Verissimo T, Faivre A, Berchtold L, **Berney T**, Pugin J, de Seigneux S, Legouis D
Kinetic GFR Outperforms CKD-EPI for slow graft function prediction in the immediate postoperative period following kidney transplantation.
J Clin Med 2020; 9(12): 4003.
282. Meier RPH, Muller YD, Dietrich PY, Tille JC, Nikolaev S, Sartori A, Labidi-Galy I, Hernandez T, Kaur A, Hirsch HH, McKee TA, Toso C, Villard J, **Berney T**
Immunologic clearance of a BK virus-associated metastatic renal allograft carcinoma.
Transplantation 2021; 105(2): 423-429.

283. Wassmer CH, Moeckli B, **Berney T**, Toso C, Orci LA
Shorter Survival after liver pedicle clamping in patients undergoing liver resection for hepatocellular carcinoma revealed by a systematic review and meta-analysis.
Cancers 2021; 13(4): 637.
284. Cottet-Dumoulin D, Lavallard V, Lebreton F, Wassmer CH, Bellofatto K, Parnaud G, Berishvili E, **Berney T**, Bosco D
Biosynthetic activity differs between islet cell types and in beta cells is modulated by glucose and not by secretion.
Endocrinology 2021: 162(3) : bqaa239.
285. Perrier Q, Lavallard V, Pernin N, Wassmer CH, Cottet-Dumoulin D, Lebreton F, Bellofatto K, Andres A, Berishvili E, Bosco D, **Berney T**, Parnaud G
Failure mode and effect analysis in human islet isolation: from the theoretical to the practical risk.
Islets 2021;13(1-2):1-9.
286. Cottet-Dumoulin D, Lavallard V, Lebreton F, Wassmer CH, Bellofatto K, Parnaud G, Berishvili E, **Berney T**, Bosco D
Biosynthetic activity differs between islet cell types and in beta cells is modulated by glucose and not by secretion.
Endocrinology 2021: 162(3) : bqaa239.
287. World Pancreas Transplant Covid-19 Collaborative Group
Impact of SARS-CoV-2 on pancreas transplant activity: survey of international surgeons.
Br J Surg 2021: 108(3):e109-e110.
288. Lablanche S, Borot S, Wojtuszczyzn A, Skaare K, Penfornis A, Malvezzi P, Badet L, Thivolet C, Morelon E, Buron F, Renard E, Tauveron I, Villard O, Munch M, Sommacal S, Clouaire L, Jacquet M, Gonsaud L, Camillo-Brault C, Colin C, Bosson JL, Bosco D, **Berney T**, Kessler L, Benhamou PY; GRAGIL Network
Ten-year outcomes of islet transplantation in patients with type 1 diabetes: Data from the Swiss-French GRAGIL network..
Am J Transplant. 2021 May 7. doi: 10.1111/ajt.16637. Epub ahead of print.
289. Blanchard-Rohner G, Enriquez N, Lemaître B, Cadau G, Giostra E, Hadaya K, Meyer P, Gasche-Soccal PM, **Berney T**, van Delden C, Siegrist CA.
Pneumococcal immunity and PCV13 vaccine response in SOT-candidates and recipients.
Vaccine 2021;39(26):3459-3466.
290. Visseren T, Erler NS, Polak WG, Adam R, Karam V, Vondran FWR, Ericzon BG, Thorburn D, IJzermans JNM, Paul A, van der Heide F, Taimr P, Nemeč P, Pirenne J, Romagnoli R, Metselaar HJ, Darwish Murad S; European Liver and Intestine Transplantation Association (ELITA). Recurrence of primary sclerosing cholangitis after liver transplantation - analysing the European Liver Transplant Registry and beyond.
Transpl Int. 2021 Aug;34(8):1455-1467.
291. Landstra CP, Andres A, Chetboun M, Conte C, Kelly Y, **Berney T**, de Koning EJP, Piemonti L, Stock PG, Pattou F, Vantyghem MC, Bellin MD, Rickels MR. Examination of the Igl's Criteria for Defining Functional Outcomes of β -cell Replacement Therapy: IPITA Symposium Report.
J Clin Endocrinol Metab 2021; 106(10):3049-3059.
292. Boggi U, Vistoli F, Marchetti P, Kandaswamy R, **Berney T**; World Consensus Group on Pancreas Transplantation.

- First world consensus conference on pancreas transplantation: Part I -Methods and results of literature search.
Am J Transplant. 2021; 21(Suppl 3): 1-16.
293. Boggi U, Vistoli F, Andres A, Arbogast HP, Badet L, Baronti W, Bartlett ST, Benedetti E, Branchereau J, Burke GW 3rd, Buron F, Caldara R, Cardillo M, Casanova D, Cipriani F, Cooper M, Cupisti A, Davide J, Drachenberg C, de Koning EJP, Ettorre GM, Fernandez Cruz L, Fridell JA, Friend PJ, Furian L, Gaber OA, Gruessner AC, Gruessner RWG, Gunton JE, Han DJ, Iacopi S, Kauffmann EF, Kaufman D, Kenmochi T, Khambalia HA, Lai Q, Langer RM, Maffi P, Marselli L, Menichetti F, Miccoli M, Mittal S, Morelon E, Napoli N, Neri F, Oberholzer J, Odorico JS, Öllinger R, Oniscu G, Orlando G, Ortenzi M, Perosa M, Perrone VG, Pleass H, Redfield RR, Ricci C, Rigotti P, Paul Robertson R, Ross LF, Rossi M, Saudek F, Scalea JR, Schenker P, Secchi A, Socci C, Sousa Silva D, Squifflet JP, Stock PG, Stratta RJ, Terrenzio C, Uva P, Watson CJE, White SA, Marchetti P, Kandaswamy R, **Berney T**.
First World Consensus Conference on pancreas transplantation: Part II - recommendations.
Am J Transplant. 2021; 21(Suppl 3): 17-59.
294. Ward C, Odorico JS, Rickels MR, **Berney T**, Burke GW 3rd, Kay TWH, Thaunat O, Uva PD, de Koning EJP, Arbogast H, Scholz H, Cattral MS, Stratta RJ, Stock PG.
International Pancreas and Islet Transplant Association Beta-Cell Replacement Therapy Monitoring Task Force. International Survey of Clinical Monitoring Practices in Pancreas and Islet Transplantation.
Transplantation. 2022 Jan 10. Epub ahead of print.
295. Orci LA, Combescure C, Fink M, Oldani G, Compagnon P, Andres A, **Berney T**, Toso C.
Predicting recurrence of hepatocellular carcinoma after liver transplantation using a novel model that incorporates tumor and donor-related factors.
Transpl Int. 2021 Dec;34(12):2875-2886.
296. Wassmer CH, Lebreton F, Bellofatto K, Perez L, Cottet-Dumoulin D, Andres A, Bosco D, **Berney T**, Othenin-Girard V, Martinez De Tejada B, Cohen M, Olgasi C, Follenzi A, Berishvili E.
Bio-Engineering of Pre-Vascularized Islet Organoids for the Treatment of Type 1 Diabetes. Transpl Int. 2022 Jan 21;35:10214.
297. Nguyen A, Finci L, **Berney T**, Tonoli D, Lescuyer P, Jayo M, Brossier Pressacco C, van Delden C, Neofytos D.
Letermovir for cytomegalovirus primary prophylaxis in a multiple abdominal/small bowel transplant recipient.
Clin Transplant. 2022 Mar 2:e14624. Epub ahead of print.

Review articles : peer-reviewed journals

298. **Berney T**, Ricordi C.
Islet transplantation.
Cell Transplant 1999; 8: 461-464.

299. **Berney T**, Ricordi C.
Immunoisolation of cells and tissues for transplantation.
Cell Transplant 1999; 8: 577-579.
300. **Berney T**, Ricordi C.
Islet cell transplantation: the future?
Langenbecks Arch Surg 2000; 385: 373-378.
301. **Berney T**, Caulfield A, Oberholzer J, Buhler L, Toso C, Morel P.
Islet of Langerhans autotransplantation: rationale, results, and new developments.
Graft 2001; 4: 535-543.
302. **Berney T**, Buhler L, Caulfield A, Oberholzer J, Toso C, Alejandro R, Cooper DKC, Ricordi C, Morel P.
Transplantation of islets of Langerhans: new developments.
Swiss Med Wkly 2002; 132: 671-680.
303. Majno P, Mentha G, **Berney T**, Buhler LH, Giostra E, Gelez P, Morard I, Bednarkiewicz M, Huber O, Morel P.
Adult-to-adult living-donor liver transplantation. A summary current status and an outline of the program in Geneva.
Swiss Surg. 2003; 9: 227-236.
304. Bucher P, Mathe Z, Bosco D, Andreas A, Buhler LH, Morel P, **Berney T**.
Islet of Langerhans transplantation for the treatment of type diabetes.
Swiss Surg. 2003; 9: 242-246.
305. **Berney T**, Buhler LH, Majno P, Mentha G, Morel P.
Immunosuppression for Pancreatic Islet Transplantation.
Transplant Proc 2004; 36 (Suppl 2S): 362S-366S.
306. **Berney T**, Benhamou PY, Kessler L, Morel P.
Islet transplantation in multicenter networks – The GRAGIL example.
Curr Opin Organ Transplant 2004; 9: 72-76.
307. Majno P, Mentha G, Giostra E, Terraz S, Rubbia-Brandt L, **Berney T**, Buhler L, Toso Ch, Huber O, Spahr L, Morard I, Hadengue A, Becker Ch, Terrier F, Morel P; Geneva Liver Cancer Study Group.
Treatment of hepatocellular carcinoma at the dawn of the third millennium: liver transplantation and its alternatives.
Acta Gastroenterol Belg. 2004; 67: 206-222.
308. Mathe Z, Langer R, Bucher P, **Berney T**, Morel P, Jaray J, Perner F.
New results in allotransplantation of pancreatic islet cells.
Orv Hetil 2004; 145: 1053-1059.
309. **Berney T**, Bühler LH, Morel P.
Pancreas allocation in the era of islet transplantation.
Transplant Int 2005; 18: 763-767.
310. Bucher P, Mathe Z, Buhler LH, Andres A, Bosco D, **Berney T**, Morel P.
Diabetes Type I therapy through transplantation.
Ann Chir 2005; 130: 374-383.

311. **Berney T**, Toso C.
Monitoring of the islet graft.
Diabetes Metab. 2006; 32: 503-12.
312. Ris F, Toso C, Morel Ph, Lepetit-Coiffe M, Vallee J.-P, **Berney T**.
Imaging of islet grafts.
Curr Opin Organ Transplant 2007; 12: 659-663.
313. Baertschiger R, **Berney T**, Morel Ph.
Organ preservation in pancreas and islet transplantation.
Curr Opin Organ Transplant 2008; 13: 59-66.
314. **Berney T**, Secchi A.
Rapamycin in islet transplantation: friend or foe?
Transplant Int 2009; 22: 153-161.
315. Ris F, Crowe L, **Berney T**.
Imaging pancreatic beta cells: Update from the 4th Workshop of the National Institutes of Health, Washington DC, April 2009.
Rev Diabet Stud 2009; 6: 279-282.
316. **Berney T**, Johnson PRV.
Donor pancreases: evolving approaches to organ allocation for whole pancreas versus islet transplantation.
Transplantation 2010; 90(3) : 238-43.
317. Lacotte S, **Berney T**, Shapiro AJ, Toso C.
Immune monitoring of pancreatic islet graft : towards a better understanding, detection and treatment of harmful events.
Expert Opin Biol Ther. 2011; 11(1) : 55-66
318. Borot S, Crowe LA, Toso C, Vallée JP, **Berney T**.
Noninvasive imaging techniques in islet transplantation
Curr Diabetes Rep 2011, 11(5) : 375-83
319. Niclauss N, Meier R, Bédard B, Berishvili E, **Berney T**.
Beta-cell replacement : pancreas and islet cell transplantation. IF 2012 : 4
Endocr Dev 2016; 31: 146-162.
320. Wassmer CH, Lebreton F, Bellofatto K, Bosco D, **Berney T**, Berishvili E
Generation of insulin-secreting organoids : a step toward engineering and transplanting the bioartificial pancreas.
Transpl Int 2020; 33(12) : 1577-1588.
321. Lebreton F, Wassmer CH, Bellofatto K, **Berney T**, Berishvili E
Insulin-secreting organoids : a first step towards the bioartificial pancreas.
Med Sci 2020; 10 : 879 -885.
322. Berishvili E, Kaiser L, Cohen M, **Berney T**, Scholz H, Floisand Y, Mattsson J
Treatment of COVID-19 pneumonia : the case for placenta-derived cell therapy.
Stem Cell Rev Rep 2021; 17(1) : 61-63.
323. Piemonti L, Andres A, Casey J, de Koning E, Engelse M, Hilbrands R, Johnson P, Keymeulen B, Kerr-Conte J, Korsgren O, Lehmann R, Lundgren T, Maffi P, Pattou F,

Saudek F, Shaw J, Scholz H, White S, **Berney T**. US food and drug administration (FDA) panel endorses islet cell treatment for type 1 diabetes: A pyrrhic victory?
Transpl Int. 2021 Jul;34(7):1182-1186.

324. Berishvili E, Casiraghi F, Amarelli C, Scholz H, Piemonti L, **Berney T**, Montserrat N. Mini-organs forum: how to advance organoid technology to organ transplant community. Transpl Int 2021; 34(7):1182-1186.

Editorials and commentaries: peer-reviewed journals

325. Rosenberg L, **Berney T**, Hering BJ, Ricordi C. Diabetes goes out with a whimper. Graft 2000; 52: 109-111.
326. **Berney T**, Morel P. Islet transplantation, steeple chase, and the next hurdle. Transplantation 2005; 80:1658-9.
327. Morel P, **Berney T**. Foreword – IPITA. Transplant Proc 2005; 37: 3387
328. Secchi A, **Berney T**, Benhamou PY, Brendel M, Korsgren O, Pipeleers D, Pattou F Bêta-Cell transplantation for diabetes therapy Lancet 2008; 372(9632) : 28-29.
329. **Berney T**. Islet culture and counter-culture. Transplant Int 2009; 22:531-533.
330. **Berney T**. Liraglutide in islet transplantation: from bench to bedside. Transplant Int 2010; 23:257-258.
331. **Berney T**. Islet Transplantation & β -Cell replacement Therapies for Diabetes J Transplant 2011 : id 157840.
332. Pruetz TL, Vathsala A, **Berney T**, Lerut J, Odorico JS, Johnson M, Egawa H, Gonzalez-Martinez F, Haberal M, Ascher NK, Chandraker AK. Criminal Organ Retrieval: Unconscionable. Am J Transplant 2017, 17(2) : 577
333. **Berney T**, Berishvili E I've got you under my skin. Nat Metab 2020; 10: 993-994.
334. Moeckli B, Peloso A, Oldani G, Orci LA, Banz V, Dutkowski P, Toso C, **Berney T** The Swiss approach to the COVID-19 outbreak. Am J Transplant 2020; 7 : 1935-1936.
335. **Berney T**, Montserrat N, Naesens M, Schneeberger S, Bellini MI, Neyens T Editorial : Changing of the guard at Transplant International. Transpl Int 2021; 34(4): 609.

336. Montserrat N, Casiraghi F, Amarelli C, Bellini MI, Neyens T, Naesens M, Schneeberger S, **Berney T**
Task force groups of Transplant International: working together to globally connect the transplant community of tomorrow.
Transpl Int 2021; 34(5): 767-768.
337. Bellini MI, Montserrat N, Naesens M, Neyens T, Schneeberger S, **Berney T**
The power of online tools for dissemination: social media, visual abstract, and beyond.
Transpl Int 2021; 34(7):1174-1176.
338. Martin X, Badet L, Morelon E, **Berney T**
Obituary: Jean-Michel "Max" Dubernard (1941-2021).
Transpl Int 202; 34(9):1740-1741.
339. **Berney T**, Bellini MI, Montserrat N, Naesens M, Neyens T, Schneeberger S.
Transplant International: a new beginning.
Transpl Int 2021; 34(9):1586-1587.
340. Bellini MI, Montserrat N, Naesens M, Neyens T, Schneeberger S, **Berney T**.
Transplant International Goes for GOLD!
Transpl Int. 2022 Feb 3;36:10340.

Original and review articles, non peer-reviewed journals

341. **Berney T**, Mentha G, Roth AD, Morel P.
Faut-il réaliser l'exérèse chirurgicale des métastases hépatiques des cancers non colorectaux ?
Med et Hyg 1996; 54: 1263-1269.
342. **Berney T**, Morel P.
La palliation des cancers de la tête du pancréas: endoprothèse ou chirurgie?
Med et Hyg 1997; 55: 1290-1296.
343. Saudan P, **Berney T**, Martin PY, Oberholzer J, Bolle JF, Morel P, Leski M.
Transplantation rénale chez la personne âgée: pronostic à long terme.
Med et Hyg 2000; 58: 440-442.
344. **Berney T**, Buhler L, Charbonnet P, Majno P, Mentha G, Morel P
Indications et résultats de la transplantation intestinale.
Med et Hyg 2002; 60: 1199-1204.
345. Buhler LH, **Berney T**, Morel P.
Clinical islet of Langerhans xenotransplantation : how close are we ?
Swiss Med Forum 2003; 4: 95-98.
346. **Berney T**, Mathe Z, Bucher P, Andres A, Bosco D, Toso C, Buhler L, Morel P.
Autotransplantation d'îlots de Langerhans pour la prévention du diabète après resection pancréatique étendue.
Med et Hyg 2003; 61: 1313-1318.

347. Bühler LH, **Berney T**, Majno P, Mentha G, Morel P
Xénotransplantation: solution au manque d'organes?
Med et Hyg 2003; 61: 1322-1326.
348. Charbonnet P, Majno P, Bühler LH, **Berney T**, Rubbia-Brandt L, Morel P, Mentha G.
Résultats du traitement chirurgical des adénocarcinomes de la convergence biliaire.
Med et Hyg 2004; 62: 1326-1329.
349. Andres A, Majno P, Toso C, Rubbia-Brandt L, **Berney T**, Bühler LH, Huber O, Morel P, Mentha G.
Résultats du traitement chirurgical des adénocarcinomes de la convergence biliaire.
Med et Hyg 2004; 62: 1335-1341.
350. Baertschiger R, Morel Ph, **Berney T**.
Islets of Langerhans or pancreas transplantation in the treatment of type 1 diabetes.
Rev Med Suisse, 2006; 2(68):1462-6
351. Niclauss N, Morel P, Volonte F, Bosco D, **Berney T**.
Transplantation de pancreas et d'ilots de Langerhans: le point en 2009 et le futur.
Rev Med Suisse 2009; 5: 1266-70, 1272.
352. Schwenter F, Bühler L, **Berney T**, Morel P
Acute pancreatitis of the need of anticipation
Rev Med Suisse 2009; 5(209):1425-30
353. Charbonnet P, Ott V, Schiffer E, **Berney T**, Morel P
Chirurgie ambulatoire : une voie incontournable
Rev Med Suisse 2010 ; 6 :1302-05.
354. Mentha G, Majno P, Morard I, Toso C, Moldovan B, Antonino AT, **Berney T**, Morel P, Rubbia-Brandt L, Terraz S, Moradpour D, Hadengue A, Giostra E.
La transplantation hépatique.
Rev Med Suisse 2011; 7: 192-193.
355. Scarpa C, Julen O, Morel P, **Berney T**.
Acute hemoperitoneum after tubal rupture in a patient with synchronous intrauterine and ectopic pregnancy : a rare and life-threatening condition
Swiss Knife 2013; 4 : 16-17
356. Balaphas A, Belfontali V, Ris F, Lanitis A, Meier RP, Amram ML, Roth A, Huber O, **Berney T**, Morel P.
Management of peritoneal carcinomatosis with cytoreductive surgery and hyperthermic intraperitoneal chemotherapy.
Rev Med Suisse 2016; 12. 1190-1194.
357. Elkrief L, Compagnon P, Andres A, Goossens N, Rubbia-Brandt L, **Berney T**
Addominal surgery in patients with portal hypertension : cinical implication and management.
Rev Med Suisse 2019; 15(655 : 1217-1220.
358. Henchoz S, Fraga M, Saouli AC, Elkrief L, **Berney T**, Toso C, Compagnon P, Andres A, Denys A, Pascual M, Moradpour D, Giostra E, Vionnet J
Outpatient follow-up of liver transplant recipients : the essential role of the general practitioner.
Rev Med Suisse 2019; 15(660) : 1488-1495.

359. Ghyasi A, Wassmer CH, Peloso A, Gastaldi G, Toso C, **Berney T**, Bosco D, Berishvili E, Andres A.
Pancréatectomie totale et autotransplantation d'îlots : état actuel et nouvelles perspectives [Total pancreatectomy and islet auto-transplantation: current state and new perspectives].
Rev Med Suisse 2021; 17(743):1167-1171.
360. Humair L, Saudan P, **Berney T**, Martin PY.
Récit de la première transplantation rénale en Suisse romande.
Rev Med Suisse 2021; 17(758):1952-1953.

Book chapters

1. Izui S, Spertini F, Shibata T, **Berney T**, Abdelmoula M, Reininger L, Lambert PH.
Experimental models of cryoglobulinemia. In: Dammacco F, ed. Immunological aspects of malignant lymphoma and cryoglobulinemia.
Ed. Ermes, Milano 1990; pp 177-191.
2. **Berney T**, Izui S.
Therapeutic approach of murine cryoglobulinemia by high-dose immunoglobulins.
In: Imbach P, ed. Immunotherapy with intravenous immunoglobulins.
Academic Press, London 1991; pp 470-471.
3. **Berney T**, Pileggi A, Inverardi L.
Natural Killer cells as a barrier to xenotransplantation.
In: Platt JL, ed. Xenotransplantation.
ASM Press, Washington, DC 2001; pp 85-98.
4. **Berney T**, Ricordi C.
New strategies for islet cell transplantation. In: Pozzilli P, Pozzilli C, Kapp JF, eds. New concepts in pathology and treatment of autoimmune disorders.
Springer, Berlin 2001; pp 101-121.
5. **Berney T**, Pileggi A, Molano RD, Ricordi C.
Pancreatic islet cells. In: Atala A, Lanza R, eds. Methods of tissue engineering.
Academic Press, San Diego 2002; pp 203-218.
6. Pileggi A, Molano RD, **Berney T**, Inverardi L.
Antibody-dependent effects on cellular immunity. In: Platt JL, ed. Xenotransplantation: Basic research and clinical applications.
Humana Press, Totowa, New Jersey 2002; pp. 199-214.
7. **Berney T**, Kenyon NS, Alejandro R, Inverardi L, Mintz DH, Ricordi C.
Islet transplantation. In: Sperling MA, ed. Type 1 diabetes: etiology and treatment.
Humana Press, Totowa, New Jersey 2003; pp. 529-552.
8. Toso C, **Berney T**.
Islet graft monitoring and imaging. In: Shapiro J, Shaw JAM, eds. Islet Transplantation and Beta Cell Replacement Therapy. Informa Healthcare, New York 2007; pp. 179-191.

9. Wojtusciszyn A, Badet L, **Berney T**, Milliat-Guittard L, Benhamou PY. Networking applied to clinical islet transplantation: Rationale and experience from the GRAGIL network. In: Halle JP, de Vos P, Rosenberg L, eds. The Bioartificial Pancreas and Other Biohybrid Therapies. Transworld Research Network, Trivandrum 2009; pp. 425-437.
10. Niclauss N, Meier R, Bédard B, Berishvili E, **Berney T**. Beta-cell replacement : pancreas and islet cell transplantation. In : C Stettler, E Christ, P Diem, eds. Novelties in diabetes. Karger, Basel 2016; pp. 146-62.
11. **Berney T**, Badet L. Pancreas transplantation. In: G Oniscu, J Forsythe, eds. Atlas of Transplantation Surgery. Springer, Berlin 2018; pp. 461-84.
12. **Berney T**, Alibashe-Ahmed M, Gastaldi G, Andres A. Eligibility of patients with type 1 diabetes for islet transplantation alone. In: G. Orlando, L. Piemonti, C. Ricordi, R.J. Stratta, R.W.G. Gruessner, eds. Transplantation, Bioengineering and Regeneration of the Endocrine Pancreas. Academic Press, San Diego, CA 2019; pp. 407-16.
13. Kessler L, Greget M, Grenet D, Olland A, **Berney T**, Kessler R. Pancreatic islet transplantation in cystic fibrosis: Lung and islet transplantation. In: G. Orlando, L. Piemonti, C. Ricordi, R.J. Stratta, R.W.G. Gruessner, eds. Transplantation, Bioengineering and Regeneration of the Endocrine Pancreas. Academic Press, San Diego, CA 2019; pp. 433-38.
14. Alibashe-Ahmed M, Lablanche S, Benhamou PY, Wojtusciszyn A, Cattan P, Pernin N, Kessler L, Badet L, **Berney T**, Andres A. Eligibility of patients with type 1 diabetes for islet transplantation alone. In: G. Orlando, L. Piemonti, C. Ricordi, R.J. Stratta, R.W.G. Gruessner, eds. Transplantation, Bioengineering and Regeneration of the Endocrine Pancreas. Academic Press, San Diego, CA 2019; pp. 626-36.
15. **Berney T**, Andres A, Wassmer CH, Berishvili E. Islet Transplantation. In: R.W.G. Gruessner, A. Gruessner, eds. Transplantation of the Pancreas. Springer Nature, Cham, 2022; in press.

Thesis

1. **Berney T**. Therapeutic approach to murine cryoglobulinemia with high dose immunoglobulins.
Thèse de Doctorat en Médecine N° 9235, Faculté de Médecine de l'Université de Genève.
2. **Berney T**. Islet of Langerhans transplantation in rodent models. Immunomodulatory strategies in the NOD mouse. Studies of mechanisms of islet primary nonfunction. **Thèse d'habilitation à la fonction de privat-docent**, Faculté de Médecine de l'Université de Genève

Video

1. **Berney T**, Malaise J, Mourad M, Squifflet JP. Video-assisted live donor nephrectomy. Centre Audiovisuel des Cliniques Saint-Luc, Bruxelles 1998.