

CURRICULUM VITAE

Professeur Thierry BERNEY

Octobre 2011

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1. Données personnelles

Nom : **BERNEY**
Prénom : **Thierry**
Date et lieu de naissance : 27 Juillet 1957, à Genève
Nationalité : Suisse (VD) et France (double nationalité)
Situation familiale : 2 enfants

Adresse privée : 93, chemin Dumonal
F-74800 - Arenthon

Adresse professionnelle : Service de Chirurgie Viscérale et de Transplantation
Hôpitaux Universitaires de Genève
Rue Gabrielle-Perret-Gentil 4
1211 Genève 14
☎ 022/372.34.04
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e-mail : thierry.berney@hcuge.ch

2. Position actuelle

Professeur associé à la Faculté de Médecine, Département de Chirurgie, Université de Genève.

Médecin adjoint agrégé, Services de Chirurgie Viscérale et de Transplantation, Hôpitaux Universitaires de Genève.

Médecin-responsable, Laboratoire d'Isolément et de Transplantation Cellulaire, Département de Chirurgie, Hôpitaux Universitaires de Genève.

Médecin-répondant, Programmes de transplantation d'îlots de Langerhans, de pancréas et d'intestin grêle, Département de Chirurgie, Hôpitaux Universitaires de Genève.

Activités de recherche : 10 %
Activités d'enseignement : 10 %
Administration : 20 %
Activités cliniques : 60 %

3. Titres et Diplômes obtenus**3.1. Secondaire**

Genève, 1975: Maturité Fédérale type B, avec mention bien

3.2. Universitaires

Lausanne, 1981 : Diplôme Fédéral d'Ingénieur
Thèse : « *Etude d'une discontinuité en ligne microruban* » - Prof. F.Gardioli,
Ecole Polytechnique Fédérale de Lausanne, Département d'Electricité

Genève, 1987 : Diplôme Fédéral de Médecin

Genève, 1991 : Diplôme de Docteur en Médecine

Thèse : « *Therapeutic approach to murine cryoglobulinemia with high-dose immunoglobulins* » - Prof. S. Izui, Centre Médical Universitaire, Département de Pathologie

Genève, 1998 : United States Medical Licensing Examination (USMLE, Examen final de Médecine, Etats-Unis)

Genève, 2003 : Privat-Docteur à la Faculté de Médecine de l'Université de Genève.

Thèse : « *Islet of Langerhans transplantation in rodent models. Immunomodulatory strategies in the NOD mouse. Studies of mechanisms of islet primary nonfunction* »

Genève 2007 : Professeur associé à la Faculté de Médecine, Département de Chirurgie, Université de Genève

3.3. Post-gradué

Berne, 1996 : Titre de spécialiste FMH en Chirurgie

Lyon, France, 1998 : Diplôme du Cours Hesperis du Collège Européen de Transplantation

Miami, Etats-Unis, Octobre 2001 : "Fellow in Clinical Transplantation", accrédité par l'ASTS (American Society of Transplant Surgeons)

4. Formation

4.1. Secondaire

Collège Calvin, Genève, 1971-1975

4.2. Universitaire

Ecole Polytechnique Fédérale, Lausanne (EPFL), Département d'Electricité, 1976-1981

Faculté de Médecine de l'Université de Genève, 1980-1987

4.3. Post-gradué

Maastricht, Pays-Bas, Décembre 1997; Birmingham, Royaume Uni, Avril 1998: Cours Hesperis du Collège Européen de Transplantation

"Fellowship in Clinical Transplantation", accrédité par l'ASTS (American Society of Transplant Surgeons), Miami, USA, 1998-2001

5. Activités Professionnelles

Avr.1987 - Sept.1987 : Médecin-assistant, Département de Chirurgie, Hôpitaux Universitaires de Genève (6 mois)

1988 - Sept.1990 : Médecin-assistant de recherche, Département de Pathologie, Centre Médical Universitaire, Genève (2 ans)

- 1990 - Sept.1994 : Médecin-assistant, Département de Chirurgie, Hôpitaux Universitaires de Genève (4 ans)
- 1994 - Sept.1995 : Médecin-assistant, Service de Chirurgie, Hôpital Régional, Martigny (1 an)
- Oct.1995 - Mars1996 : Médecin-assistant, Département de Chirurgie, Hôpitaux Universitaires de Genève (6 mois)
- Avr.1996 - Sept.1998 : Chef de Clinique-adjoint, Département de Chirurgie, Hôpitaux Universitaires de Genève (2.5 ans)
- Avr. 1997 - Juin 1997: Médecin invité, Unité de Transplantation Rénale et Pancréatique, Université Catholique de Louvain, Bruxelles, Belgique (3 mois)
- Oct.1998 - Sept. 2000 : Post-doctoral fellow, Diabetes Research Institute and Cell Transplantation Center, University of Miami, Miami, Etats-Unis (2 ans)
- Oct.1998 - Sept. 2001 : Fellow, Département de Chirurgie, Division de Transplantation, Jackson Memorial Hospital, University of Miami, Miami, Etats-Unis (3 ans)
- Oct. 2001 - Déc.2001 : Médecin invité, Diabetes Research Institute and Cell Transplantation Center, University of Miami, Miami, Etats-Unis (3 mois)
- Jan. 2002 - Sept. 2002 : Chef de Clinique, Clinique de Chirurgie Digestive et Unité de Transplantation, Hôpitaux Universitaires de Genève
- Oct. 2002 - Sept. 2004 : Chef de Clinique, Clinique de Chirurgie Viscérale et Unité de Transplantation, Hôpitaux Universitaires de Genève
- 2004 - en cours : Médecin adjoint, Services de Chirurgie Viscérale et de Transplantation, Hôpitaux Universitaires de Genève

6. Enseignement

6.1. Pré-gradué

Cours de sémiologie chirurgicale, enseignement APP, enseignement CC/DC, enseignement UIDC, enseignement AMC, module à options de transplantation :

2003/2004	15,5 heures
2004/2005	26 heures
2005/2006	13.5 heures
2006/2007	19.5 heures
2007/2008	25 heures
2008/2009	34 heures
2009/2010	46 heures
2010/2011	37 heures

Responsable de l'Unité d'Introduction à la Démarche Clinique pour le Département de Chirurgie

6.2. Paramédical

Infirmières de Salle d'Opérations HUG) : 4 heures / année

6.3. Post-gradué

Colloques départementaux : 4 heures / année

7. Recherche

- Transplantation clinique d'îlots de Langerhans pour le traitement du diabète de type 1
- Autotransplantation d'îlots de Langerhans pour la prévention du diabète chirurgical
- Transplantation clinique rein-pancréas
- Etude des mécanismes de non-fonction primaire des greffons d'îlots de Langerhans
- Imagerie des îlots de Langerhans

Composition du groupe de recherche:

- Docteur Domenico Bosco
- Docteur Sophie Borot
- Docteur Géraldine Parnaud
- Docteur Laurianne Giovannoni
- Madame Nadine Pernin
- Madame Corine Sinigaglia (50%)
- Monsieur David Mathey-Doret (50%)
- Madame Solange Masson
- Madame Sandrine Demuylder-Mischler (50%)
- Madame Florentine Naville (80%)
- Madame Caroline Rouget

L'ensemble du groupe de recherche participe pour 50 % de son temps de travail au programme clinique de transplantation d'îlots de Langerhans.

8. Clinique

Activités non opératoires :

- Consultations ambulatoires des transplantations pancréas et îlots de Langerhans (pré- et post-opératoires)
- Consultations ambulatoires des fistules artério-veineuses (pré- et post-opératoires)
- Consultations ambulatoires de chirurgie viscérale (pré- et post-opératoires)
- Couverture du Service de Transplantation en tant que médecin adjoint (1 semaine sur 4)

Activités opératoires :

- Transplantations rénales
- Transplantations du pancréas
- Transplantations des îlots de Langerhans
- Transplantations hépatiques
- Prélèvements multi-organes
- Chirurgie viscérale générale, en particulier pancréatico-biliaire
- Couverture comme consultant de garde pour la chirurgie viscérale (1 semaine sur 6)

9. Administration

Commissions permanentes :

- Président de la Commission MD-PhD

Commissions temporaires :

- Commission de structure chargée d'étudier la succession du Prof. B. Hirschel au Centre de Recherche Clinique (membre)
- Commission chargée de l'attribution d'une charge de cours au Dr J. Villard (membre)
- Commission chargée de l'attribution d'une charge de cours au Dr A. Roth (président)
- Commission chargée de l'attribution d'une charge de cours au Dr Y. Challandon (membre)
- Commission de nomination de poste de professeur en chirurgie viscérale (CHUV, Lausanne) (représentant de la Faculté de médecine de Genève)
- Commission de nomination du Dr M. Pons à la fonction de professeur titulaire bénévole, au Département de Médecine interne

10. Distinctions

- Janvier 2004 :
Prix de la Recherche Swisstransplant
- Novembre 2005 :
Prix de la Fondation Romande pour la Recherche sur le Diabète
- Janvier 2007 :
Prix de la Recherche Swisstransplant
- Novembre 2010 :
Prix de la Fondation Romande pour la Recherche sur le Diabète
- Janvier 2011 :
Prix Marc-Claude Marti de la Recherche Chirurgicale
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

11. Sociétés

- Membre de la Société Suisse de Chirurgie (1997)
- Membre de la "Transplantation Society" (2000)
- Membre de l' "American Society of Transplant Surgeons" (ASTS, 2002)
- Membre-fondateur de la Société Suisse de Transplantation (2002)
- Membre de la Société Francophone de Transplantation (2002)
- Membre de l' « International Pancreas and Islet Transplantation Association » (IPITA, 2003)
- Membre fondateur de l' « Intestinal Transplantation Association » (ITA, 2003)
- Membre de la Cell Transplantation Society, (2006)
- Membre de la « European Society of Organ Transplantation » (ESOT, 2007)

- Membre fondateur de la « European Pancreas and Islet Transplant Association » (EPITA, 2007)
- Membre de la « European Surgical Association » (ESA, 2009)

12. Fonctions officielles

- Membre du comité de gestion du Centre de Recherche clinique HUG
- Président du Jury, Prix de la Recherche clinique HUG
- Membre du comité scientifique, Journée de l'Innovation HUG

13. Fonctions techniques et scientifiques

- Président du "SwissTransplant Arbeitsgruppe Pancreas" (STAP)
- Président du "SwissTransplant Arbeitsgruppe Dünndarm" (STAD)
- Membre du Comité Médical de la Fondation SwissTransplant
- Président du Comité Scientifique de la Société Suisse de Transplantation
- Membre du Conseil de l'IPITA (International Pancreas and Islet Transplantation Association)
- Membre du Conseil de la Cell Transplantation Society
- Président de la « European Pancreas and Islet Transplantation Association » (EPITA)
- Membre du Conseil de l'ESOT (European Society of Organ Transplantation)
- Co-Chairman Local Organizing and Scientific Committee, 10th World Congress of IPITA, Geneva, 4-7 mai 2005
- Co-Chairman, EPITA Chair, 1st Joint AIDPIT and EPITA Winter Symposium, Innsbruck, 23-25 janvier 2011
- Chairman, Scientific Programme Committee, 13th World Congress of IPITA, International Pancreas and Islet Transplant Association, Prague, 1-4 juin 2011
- Co-Chairman, EPITA Chair, 2nd Joint AIDPIT and EPITA Winter Symposium, Innsbruck, 29-31 janvier 2012
- Member, Programme Committee, 24th International Congress of the Transplantation Society, Berlin, 15-19 July, 2012
- Membre du Comité Editorial de « Transplantation »
- Membre du Comité Editorial de « Cell Transplantation »
- Guest Editor for « Current Opinion in Organ Transplantation », 2011
- Reviewer ad hoc pour les journaux :
 - American Journal of Transplantation
 - Transplant International
 - Diabetologia
 - Diabetes
 - Pancreas
 - Diabetes and Metabolism
 - Nephrology, Dialysis and Transplantation
 - Nature Clinical Practice

14. Subsides

Subsides terminés

- Juin 1998
Fondation Suisse pour les Bourses en Médecine et Biologie (FSBMB)
Berney T
Subside de recherche (1 an) CHF 55'070.--
- Août 2000
Fonds National Suisse de la Recherche Scientifique N° 32-061873.00
Morel P (requérant principal), 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*
Subside de recherche (3 ans) CHF 260'000.--
- Novembre 2001
Association Genevoise du Diabète
Morel Ph (requérant principal), 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*
Subside de recherche (2 ans) CHF 200'000.--
- Août 2003
Fonds National Suisse de la Recherche Scientifique N° 32-00BO-102134
Morel Ph (requérant principal), Bosco D, Buhler L, **Berney T**
*Pancreatic Islet Transplantation for the Treatment of Diabetes:
Clinical islet transplantation. Islet primary nonfunction. Islet xenotransplantation*
Subside de recherche (3 ans) CHF 264'000.--
- Novembre 2003
Fondation Ernst et Lucie Schmidheiny
Berney T
*Study of the impact of tissue culture prior to clinical islet of Langerhans
transplantation*
Subside de recherche (2 ans) CHF 25'000.--
- Janvier 2004
Fonds Recherche et Développement des HUG
Berney T
*Study of the impact of tissue culture prior to clinical islet of Langerhans
transplantation*
Subside de recherche (2 ans) CHF 50'000.--
- Janvier 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
Subside de recherche (1 an) CHF 50'000.--

- Janvier 2005
 Juvenile Diabetes Research Foundation N°9-2004-3 84
 Korsgren O (requérant principal), **Berney T**, Secchi A, Pipeleers D, Brendel M
European Consortium for islet transplantation
 Subside de recherche (3 ans) US\$ 135'385.--*
- Avril 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*
 Subside de recherche (2 ans) CHF 150'000.--
- Novembre 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.*
 Subside de recherche (2 ans) CHF 50'000.--
- Octobre 2006
 Fonds National Suisse de la Recherche Scientifique N°32-00BO-113899
Berney T
Islet of Langerhans graft monitoring by magnetic resonance imaging
 Subside de recherche (3 ans) CHF 197'000.--
- Octobre 2006
 Juvenile Diabetes Research Foundation N°6-2005-1 178
 Korsgren O (requérant principal), **Berney T**, Secchi A, Pipeleers D, Brendel M
Providing human islets for research
 Subside de recherche(2 ans) US\$ 240'000.--*
- Octobre 2006
 Fonds Juvenile Diabetes Research Foundation N°6- 2006-1098
 Secchi A (requérant principal), **Berney T**, Benhamou PY, Brendel M
*A multistep trial towards single donor islet transplantation in type 1 diabetic
 patients using tacrolimus inhibitor-free immunosuppression*
 Subside de recherche (1 an) US\$ 150'000.--*
- October 2006
 National Institutes of Health N°1 R01 AI 74225-0 1
Berney T
Islet of Langerhans graft monitoring by magnetic resonance imaging
 Subside de recherche(3 ans) US\$ 648'000.--
- Avril 2007
 Fonds National Suisse de la Recherche Scientifique N°32-00BO-116562
 Morel Ph (requérant principal), **Berney T**, Bühler L, Bosco D
*Pancreatic Islet Transplantation for the Treatment of Diabetes :
 Clinical islet transplantation. Islet primary nonfunction. Islet xenotransplantation*
 Subside de recherche (3 ans) CHF 377'000

Subsides actifs

- Janvier 2008
Fonds Juvenile Diabetes Research Foundation N°31 -2008-416
Secchi A (requérant principal), **Berney T**, Korsgren O, Pipeleers D, Brendel M
European Consortium for islet transplantation
Subside de recherche (3 ans) US\$ 312'500.--*
- Octobre 2008
Fonds National Suisse de la Recherche Scientifique N°32-00BO-120376
Bosco D (requérant principal), **Berney T**
The role of E-cadherin on survival and function of human beta-cells
Subside de recherche (3 ans) CHF 279'000.--
- Octobre 2009
Fonds National Suisse de la Recherche Scientifique N°320030_127583
Berney T, Bosco D, Vallee J.-P.
Islet of Langerhans graft monitoring by magnetic resonance imaging
Subside de recherche (3 ans) CHF 331'000.—
- Décembre 2009
Fondation Insuleman
Berney T
Comparison of endocrine secretory reserve in recipients of islet of Langerhans versus whole pancreas transplants : a cross-sectional study
Subside de recherche (2 ans) CHF 48'600.—
- Août 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
Subside de recherche (2 ans) CHF 20'000.--
- Août 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
Subside de recherche (3 ans) CHF 30'000.—
- Septembre 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
Subside de recherche (2 ans) CHF 48'600.—
- Novembre 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

Subside de recherché (2 ans)

CHF 50'000.--

*pour les subsides multicentriques, la La somme indiquée représente la somme effectivement touchée par le groupe de recherche

15. Brevets

Kurfuerst M, Raemsch C, Raemsch-Guenter N, Friedrich O, Huettler S, Brandhorst D, **Berney T**, Bucher P, inventeurs

Neutrale Protease (NP) und Produkt unter Verwendung von neutraler Protease für Gewebedissoziation sowie Verfahren zu dessen Herstellung

Brevet européen N° 04012321.8-, Office Européen des brevets, 16 juillet 2004

16. Direction de thèses

- Armanet Mathieu, thèse de doctorat en sciences (PhD) « *Expression of laminin-332 in pancreatic islet and its effect on activation of macrophage secretory function* »
- Wojtuszczyzn Anne, thèse de doctorat en sciences (MD, PhD) « *Rôle de l'IL-1Ra, des interactions cellulaires et de la dédifférenciation endocrine dans la physiologie des îlots de Langerhans : implications en transplantation cellulaire* »
- El Khafif Nabeel, thèse de master en médecine « *Comparison of endocrine secretory reserve in recipients of islet of Langerhans versus whole pancreas transplants : a cross-sectional study* »
- Ris Frédéric, thèse en médecine « *Monitoring des greffes d'îlots pancréatiques par résonnance magnétique nucléaire* »
- Meier Raphaël, thèse de médecine (en cours) « *Effects of multipotent mesenchymal stromal cells and anti-inflammatory cytokine IL-1 Ra on inflammation and fibrosis during chronic liver injury* »

17. Conférences sur invitation

1. **Berney T.** Colloques du Département de Chirurgie, Hôpitaux Universitaires de Genève, 30 Janvier 1998 : *"Transplantation rénale à partir de "non-heart-beating donors"*
2. **Berney T.** Colloques du Département de Chirurgie, Hôpitaux Universitaires de Genève, 21 Janvier 2002 : *"Transplantation intestinale: indications et résultats"*
3. Kaiser L, **Berney T.** Colloque Transdépartemental de Transplantation, Hôpitaux Universitaires de Genève, 14 Mai 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 Mai 2002 : *"State of the art kidney-pancreas transplantation at the turn of the millenium"*
5. **Berney T.** Symposium MSD "Le point sur l'ischémie mésentérique", Hôpitaux Universitaires de Genève, 26 Juin 2002 : *"Pronostic actuel de la greffe intestinale"*
6. **Berney T**, Morel Ph. Seminario Trasplantes de Organos y Celulas Abdominales, International University Menendez Pelayo, Santander, Espagne, 10 Juillet 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, Espagne, 11 Juillet 2002 : *"Intestinal transplantation: new developments and current results"*
8. **Berney T**, Morel Ph. Symposium MSD "Le point sur la transplantation d'organes", Hôpitaux Universitaires de Genève, 9 Octobre 2002 : *"Transplantation d'îlots de Langerhans. Progrès récents et résultats actuels"*
9. **Berney T.** Colloques du Département de Pédiatrie, Hôpitaux Universitaires de Genève, 7 Novembre 2002 : *"Transplantation d'îlots de Langerhans. Progrès récents et résultats actuels"*
10. **Berney T.** Colloques du Département de Médecine, Hôpitaux Universitaires de Genève, 19 Novembre 2002 : *"Transplantation de l'intestin grêle"*
11. **Berney T.** Journées Médico-Chirurgicales d'Hépatologie et de Gastro-entérologie, Forum, Genève, 28 Novembre 2002 : *"Progrès récents en transplantation intestinale"*
12. **Berney T.** "Islet 2002 and beyond" Symposium, Annenberg Center for Medical Research, Rancho Mirage, California, 5 Décembre 2002 : *"Islet transplantation program at the University of Geneva"*
13. **Berney T.** 1st Congress of the Swiss Transplantation Society, Interlaken, 24 Janvier 2003 : *"Clinical trials in islet transplantation"*
14. **Berney T.** IV Children and Adolescent Diabetes Update Symposium, Santander, Espagne, 1^{er} Mars 2003 : *"Clinical trials of islet transplantation"*
15. **Berney T.** 38^{ème} Congrès Annuel de la Société Allemande de Diabétologie, Bremen,

- Allemagne, 29 Mai 2003 : *"GRAGIL-Model of an islet transplantation network"*
16. **Berney T**, Morel Ph. 9th Congress of the International Pancreas and Islet Transplant Association, Dublin, Irlande, 10 Juillet 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 Octobre 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 Octobre 2003 : *"Islet transplant procedure, immunosuppressive protocols, peritransplant management"*
 19. **Berney T**. Hôpital Militaire de Belgrade, Belgrade, Serbie-Montenegro, 17 Octobre 2003 : *"Transplantation of the pancreas"*
 20. **Berney T**. Wyeth Symposium Islet transplantation and immune tolerance, Centre Médical Universitaire de Genève, 4 Novembre 2003 : *"Immunosuppression protocols in islet transplantation : past, present and future"*
 21. **Berney T**. Journée Romande du Diabète, Genève, 8 Novembre 2003 : *"Transplantation et Diabète de type 1"*
 22. **Berney T**. Cours Hesperis du Collège Européen de Transplantation (ECOT), Bâle, 20 Novembre 2003 : *"Islet transplantation (technique, indications, results, arguments pro islet)"*
 23. **Berney T**. Colloques de la Division de Diabétologie-Endocrinologie, Centre Hospitalier Universitaire Vaudois, Lausanne, 13 Janvier 2004 : *"Transplantation d'îlots de Langerhans"*
 24. **Berney T**. STATKO Meeting, 2nd Annual Meeting of the Swiss Transplantation Society, Interlaken, 29 Janvier 2004 : *"Small bowel transplantation: indications and results"*
 25. **Berney T**. Groupe d'Intérêts Communs d'Infirmières-conseil Romandes et Tessinoises en Diabétologie (GICID), Lausanne, 13 Mars 2004 : *"Transplantation d'îlots de Langerhans et de pancréas"*
 26. **Berney T**. Meeting sur l'insuffisance rénale chronique, La Chaux-de-Fonds, 25 Mars 2004 : *"Options de transplantation chez les diabétiques"*
 27. **Berney T**. Wyeth Symposium Research Round Table, Berne, 28 avril 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), Bâle, 4 juin 2004 : *"Tomorrow's Treatment of Diabetes: Islet Transplantation"*
 29. **Berney T**. IVth National Congress of Transplantation, Constanta, Romania, June 25, 2004 : *"Technical aspects of the islet isolation and transplantation procedures"*

30. **Berney T.** IVth National Congress of Transplantation, Constanta, Romania, June 25, 2004 : *"Results of clinical islet transplantation. Multicenter networks of islet transplantation"*
31. **Berney T.** IVth National Congress of Transplantation, Constanta, Romania, June 25, 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, October 11 – 13, 2004 : *"Islet transplantation procedure. Immunosuppressive protocols"*
33. **Berney T.** Colloque de Transplantation, Centre de Transplantation d'Organes, CHUV, Lausanne, Suisse, November 8, 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, March 12, 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, March 22-26, 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, May 2-4, 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, May 2-4, 2005 : *"Indications for islet transplantation and patient selection"*
38. **Berney T.** Xth World Congress of IPITA (International Pancreas and Islet Transplant Association). Geneva, Switzerland, May 4-7, 2005 : *"Beta cell imaging"*
39. **Berney T.** Nephrology Mini-Symposium, Inselspital, Bern, Switzerland, June 21, 2005 : *"Islet transplantation: new opportunities to treat type 1 diabetes"*
40. **Berney T.** Consensus conference on pancreas and islet transplantation in Spain, Madrid, Spain, September 20, 2005 : *"Beta cell replacement therapy : integrated approach"*
41. **Berney T.** Roche Transplantation Symposium; Bern, Switzerland, September 22, 2005 : *"Advances and challenges in islet of Langerhans transplantation"*
42. **Berney T.** First Chinese-International Forum on Islet Transplantation, Changsha, China, October 22-23, 2005 : *"Clinical islet transplantation in multicenter networks"*
43. **Berney T.** Invited Professor Lecture, University of Sichuan, Chengdu, China, October 24, 2005 : *"Advances and challenges in islet transplantation"*
44. **Berney T.** Invited Professor Lecture, University of Sichuan, Chengdu, China, October 24, 2005 : *" Pancreas and islet transplantation: an integrated approach"*

45. **Berney T.** Symposium MSD, Genève, 18 janvier 2006 : « *Transplantation d'îlots de Langerhans* »
46. **Berney T.** Module de Formation « Bonne Pratique des Essais Cliniques », Fondation Louis-Jeantet, Genève, 18-20 Janvier 2006 : « *Les greffes d'organes et de tissus* »
47. **Berney T.** 4th Annual Meeting of the Swiss Transplantation Society, Interlaken, Switzerland, January 27-28, 2006 . "*Emerging alternatives to allotransplantation : Pancreas transplantation*"
48. **Berney T.** 25th Workshop of the AIDPIT Study Group, Pisa, Italy, February 5-7, 2006 : "*25 years of immunosuppression therapies in beta cell replacement therapy*"
49. **Berney T.** 25th Workshop of the AIDPIT Study Group, Pisa, Italy, February 5-7, 2006 : "*Integrated approach for beta cell replacement therapy*"
50. **Berney T.** XVIII Congresso de la Sociedad Espagnola de Diabetes, Madrid, Espagne, 24 avril 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 septembre 2006 : "*Serva Collagenase NB-1 versus Liberase*"
52. **Berney T.** Eurotransplant Meeting , Leiden, Hollande, 5 octobre 2006 : "*International cooperation in the development of islet transplantation : The GRAGIL Network*"
53. **Berney T.** Journée Thématique ALFEDIAM, Paris, France, 10 novembre 2006. « *Islet Graft Monitoring* »
54. **Berney T.** Cours Hesperis du Collège Européen de Transplantation (ECOT), Lyon, 25 Novembre 2006 : "*Islet transplantation : Islet preparation, indications and results*"
55. **Berney T.** Congrès annuel de la Société Francophone de Transplantation, Tunis, Tunisie, 6-9 décembre 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 février 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 février 2007 : "*Integrated approach of pancreas versus islet transplantation in type 1 diabetes*"
58. **Berney T.** American Transplant Congress 2007, San Francisco, California, 5-9 mai 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, 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 October 2007 : *"Islet shipment. Networks for islet transplantation"*
64. **Berney T.** Journée Romande de Diabétologie, Lausanne, Suisse, 8 novembre 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, Genève, Suisse, 16-18 Janvier 2008 : *« Transplantations d'organes et de tissus »*
69. **Berney T.** 6th Annual Congress of the Swiss Transplantation Society, Interlaken, 25-26 Janvier 2008 : *"Imaging of the islet graft"*
70. **Berney T.** Advanced Technologies & Treatments for Diabetes, Prague, République Tchèque, 27 février-1er mars 2008 : *"Advances and challenges in islet of Langerhans transplantation"*
71. **Berney T.** XXXV Annual meeting European Society for Artificial Organs, Genève, 3-6 septembre 2008 : *"Islet transplantation"*
72. **Berney T.** Symposium ESOT – European Transplant Fellow Workshop, Padova, Italie, 19-21 septembre 2008 : *"Clinical problems after pancreas transplantation"*
73. **Berney T.** Symposium Romand de Transplantation, Prangins, Switzerland, 6 novembre 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 novembre 2008 : *"Islet of Langerhans Transplantation"*
75. **Berney T.** Colloques de la Division de Diabétologie-Endocrinologie, Centre Hospitalier Universitaire Vaudois, Lausanne, 2 décembre 2008 : *"Monitoring des greffons d'îlots de Langerhans"*
76. **Berney T.** 28th Workshop of the AIDPIT Study Group, Igls, Austria, 24-26 janvier 2009 : *"Algorithms for pancreas versus islet transplantation"*

77. **Berney T.** Congress of the Swiss Transplantation Society, Interlaken, Switzerland, 30-31 janvier 2009 : *"Intestinal Transplantation"*
78. **Berney T.** Decimo Congreso de la Societat Catalana de Trasplantament, Barcelona, Spain, 20-23 février 2009 : *"New strategies for islet transplantation"*
79. **Berney T.** Invited Lecturer Uppsala University, Sweden, 24 avril 2009 : *"Imaging of islets grafts"*
80. **Berney T.** Congrès International Hepatobiliary, Pancreatic and Transplantation days (IHPB), Genève, 9 mai 2009 : *"Islet of Langerhans transplantation. Long-term results and new perspectives"*
81. **Berney T.** 9th Congress of Polish Transplantation Society, Cracow, Poland, 14-16 mai 2009 : *"Toward cell-based cure for diabetes"*
82. **Berney T.** 7th Starnberg Congress, Munich, Germany, 12 juin 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 juin 2009 : *"Islet transplantation simultaneously or after kidney ?"*
84. **Berney T.** Université d'été de la Société francophone de dialyse, CHUV, Lausanne, le 20 juin 2009 : *"Traitement du patient diabétique de type I urémique : transplantation rein-pancréas vs rein-îlots"*
85. **Berney T.** 14th ESOT Congress, Paris, le 1.9.2009 : *"Algorithms for islet vs pancreas transplantation"*
86. **Berney T.** IPITA Congress, Venise, 12-16 octobre 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, Genève, 14-15 janvier 2010 : "Cell Therapy in Diabetes"
88. **Berney T.** Hesperis Course, Edinburgh, 28 mai 2010 : *"who needs a new pancréas (or islets) ?"*
89. **Berney T.** Congrès de la Société Francophone de Transplantation, Genève, 16 décembre 2010 : *"Statut actuel de la greffe d'îlots de Langerhans"*
90. **Berney T.** Meeting du Service d'Endocrinologie et Diabétologie, Inselspital, Berne, 11 janvier 2011 : *"Current status of islet transplantation"*
91. **Berney T.** Journée franco-romande du diabète, Chamonix, 14 janvier 2011 : *"Thérapie cellulaire du diabète"*
92. **Berney T.** 7th Swiss Experimental Surgery Symposium, Fribourg, 20-21 janvier 2011 : *"Islet Transplantation : gold standard after major pancreatic resection for benign disease ?"*
93. **Berney T.** Nicolae Cajal Symposium, Cuarest, Roumanie, 30 mars-1er avril 2011 : *"Advances in Islet cell therapy for type 1 diabetes"*

94. **Berney T.** European Congress of Endocrinology, Rotterdam, Pays-Bas, 30 avril-4 mai 2011 :
"Pancreas transplantation"
95. **Berney T.** 13th World Congress of IPITA, International Pancreas and Islet Transplant Association, Prague, 1-4 juin 2011 :
"Has the gap closed between pancreas and islet transplantation ?"
96. **Berney T.** American Society of Nephrology, Philadelphia, 10-13 novembre 2011 :
"Islets as Beta-cell therapy"
97. **Berney T.** 1^{ère} Journée de l'Innovation en Diabétologie, Montpellier, 18 novembre 2011 :
"Résultats actuels de la transplantation d'îlots de Langerhans"

18. PUBLICATIONS

18.a. Articles originaux : journaux à politique éditoriale

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. *Impact factor 10.452*
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. *IF 3.543*
3. **Berney T**, Shibata T, Izui S.
Murine cryoglobulinemia: pathogenic and protective IgG3 self-associating antibodies.
J Immunol 1991; 247: 3331-3335. *IF 6.486*
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. *IF 4.790*
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. *IF 3.543*
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. *IF 9.782*
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. *IF 2.518*
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. *IF 3.916*
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. *IF 0.700*
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. *IF 4.790*

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. *IF 2.667*
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. *IF 2.343*
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. *IF 4.790*
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. *IF 1.250*
15. **Berney T**, Persoz C, Leski M, Morel P.
Antineutrophil cytoplasmic antibodies and acute pancreatitis.
Pancreas 1997; 15: 106-107. *IF 1.872*
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. *IF 3.580*
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. *IF 3.580*
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. *IF 4.716*
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. *IF 2.349*
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. *IF 0.696*
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. *IF 3.580*
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. *IF 5.907*

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.
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24. **Berney T**, Gasche Y, Robert J, Jenny A, Vermeulen B, Mensi N, Grau G, Morel P.
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Pancreas 1999; 18: 371-377. *IF 1.872*
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. *IF 1.679*
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. *IF 1.616*
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. *IF 1.295*
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. *IF 1.498*
29. **Berney T**, Malaise J, Mourad M, Morel P, Squifflet JP.
Laparoscopic and open live donor nephrectomy. A cost/benefit study.
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30. Cattan P, Munoz-Bongrand N, **Berney T**, Sarfati E, Celerier M.
Extensive abdominal surgery after caustic ingestion.
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31. Badaoui E, **Berney T**, Kaiser L, Mentha G, Morel P.
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32. **Berney T**, Rudisuhli T, Oberholzer J, Caulfield A, Morel P.
Long-term metabolic results after pancreatic resection for chronic pancreatitis.
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33. Morales M, **Berney T**, Jenny A, Morel P, Extermann P.
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Hepato-Gastroenterol 2000; 47: 1595-1598. *IF 0.905*
34. * **Berney T**, Molano RD, Cattan P, Pileggi A, Vizzardelli C, Ricordi C, Inverardi L.
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35. * Molano RD*, **Berney T***, Li H, Cattan P, Pileggi A, Vizzardelli C, Kenyon NS, Ricordi C, Burkly LC, Inverardi L.
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* Co-first author
36. Molano RD*, **Berney T***, Pileggi A, Ricordi C, Burkly LC, Rothstein DM, Basadonna G, Inverardi L.
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Transplant Proc 2001; 33: 248-249. *IF 0.568*
* Co-first author
37. Saudan P, **Berney T**, Goumaz C, Morel P, Martin PY.
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38. Saudan P, **Berney T**, Leski M, Morel P, Bolle JF, Martin PY.
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39. Cattan P, **Berney T**, Schena S, Molano RD, Pileggi A, Vizzardelli C, Ricordi C, Inverardi L.
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Transplant Proc 2001; 33: 264-265. *IF 0.568*
40. Pileggi A, Cattan P, **Berney T**, Molano RD, Vizzardelli C, Ricordi C, Bach FH, Inverardi L.
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41. **Berney T**, Molano RD, Pileggi A, Cattan P, Vizzardelli C, Ricordi C, Inverardi L.
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Transplant Proc 2001; 33: 356-357. *IF 0.568*
42. **Berney T**, Molano RD, Pileggi A, Ricordi C, Inverardi L.
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Transplant Proc 2001; 33: 764-765. *IF 0.568*
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. *IF 0*
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. *IF 2.432*

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. *IF 4.184*
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. *IF 4.184*
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. *IF 2.818*
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. *IF 7.700*
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. *IF 2.190*
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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. *IF 2.581*
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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. *IF 0.478*
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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.
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