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Born May 13, 1960

French citizenship

Professor of Endocrinology and Metabolism, CHU de Grenoble, Université Joseph Fourier, France

Head, Clinique d'Endocrinology Diabétology Nutrition, Pôle DIGIDUNE, CHU de Grenoble

Member of : Clinical Research Council of CHU – IPITA – Societe Francophone du Diabete – American Diabetes Association

Main topics for research and teaching :

Clinical research – Diabetology – Islet transplantation

founder and head of the Swiss-French clinical research network (GRAGIL network) devoted to pancreatic islet transplantation since 1998

founder and head of the Telemedicine and Advanced Technology Study Group of the Societe Francophone du Diabete since 2005

118 publications in peer-reviewed journals

Principal Investigator of 3 national PHRC (nationwide clinical research program), 2 ongoing (Trimeco & TeleDiab-3) and 1 national PRME (nationwide medicoeconomical research program) ongoing (Stabilot).

Co-investigator in 2 EU-funded research program (FP7 and H2020), ongoing (Swan-iCare and Biocapan)

Publications in the field of islet transplantation and artificial pancreas :

1. Lablanche S, Borot S, Thauinat O, Bayle F, Badet L, Morelon E, Thivolet C, Wojtusciszyn A, Frimat L, Kessler L, Penfornis A, Brault C, Colin C, Bosco D, Berney T, Benhamou PY; on behalf of the GRAGIL Network. Impact of Anti-Insulin Antibodies on Islet Transplantation Outcome:

Data From the GRAGIL Network. Transplantation. 2014; 98 (4): 475-82.

2. Quemerais MA, Doron M, Dutrech F, Melki V, Franc S, Antonakios M, Charpentier G, Hanaire H, Benhamou PY; Diabeloop Consortium. Preliminary evaluation of a new semi-closed-loop insulin therapy system over the prandial period in adult patients with type 1 diabetes: the WP6.0 Diabeloop study. J Diabetes Sci Technol. 2014 Nov;8(6):1177-84
3. Borot S, Franc S, Cristante J, Penfornis A, Benhamou PY, Guerci B, Hanaire H, Renard E, Reznik Y, Simon C, Charpentier G; Diabeloop Study Group. Accuracy of a new patch pump based on a microelectromechanical system (MEMS) compared to other commercially available insulin pumps: results of the first in vitro and in vivo studies. J Diabetes Sci Technol. 2014 Nov;8(6):1133-41
4. Niclauss N, Wojtusciszyn A, Morel P, 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 Apr 15;93(7):703-8.
5. 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 Feb 15;93(3):e10-1.
6. Borot S, Niclauss N, Wojtusciszyn 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 Nov 15;92(9):1031-8.
7. Niclauss N, Bosco D, Morel P, Demuylder-Mischler S, Brault C, Milliat-Guittard L, Colin C, Parnaud G, Muller YD, Giovannoni L, Meier R, Toso C, Badet L, Benhamou PY, Berney T. Influence of donor age on islet isolation and transplantation outcome. *Transplantation*. 2011 Feb 15;91(3):360-6.
 8. Jourdan G, Dusseault J, Benhamou PY, Rosenberg L, Hallé JP. Co-encapsulation of bioengineered IGF-II-producing cells and pancreatic islets: effect on beta-cell survival. *Gene Ther*. 2011 Jun;18(6):539-45.
 9. Benhamou PY, Milliat-Guittard L, Wojtuszczyz 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. *Diabet Med*. 2009 Jun;26(6):617-21.
 10. 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 Aug;9(8):1961-6.
 11. Secchi A; European Consortium for Islet Transplantation. Beta-cell transplantation for diabetes therapy. *Lancet*. 2008 Jul 5;372(9632):28-9;
 12. Badet L, Benhamou PY, Wojtuszczyz A, Baertschiger R, Milliat-Guittard L, Kessler L, Penfornis A, Thivolet C, Renard E, Bosco D, Morel P, 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 Jul 15;84(1):89-96.
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