

Collaborative Islet Transplant Registry (CITR) Bibliography

ALL PUBLICATIONS

Rickels MR, Ballou CM, Foster NC, Alejandro R, Baidal DA, Bellin MD, Eggerman TL, Hering BJ, Kandeel F, Brand A, Miller KM, Barton FB, Payne EH. Islet Transplantation Versus Standard of Care for Type 1 Diabetes Complicated by Severe Hypoglycemia From the Collaborative Islet Transplant Registry and the T1D Exchange Registry. *Diabetes Care*. 2025 Feb 14;dc241915. doi: 10.2337/dc24-1915. Epub ahead of print. PMID: 39951130.

Chetboun M, Drumez E, Ballou C, Maanaoui M, Payne E, Barton F, Kerr-Conte J, Vantyghem MC, Piemonti L, Rickels MR, Labreuche J, Pattou F. Association between primary graft function and 5-year outcomes of islet allogeneic transplantation in type 1 diabetes: a retrospective, multicentre, observational cohort study in 1210 patients from the Collaborative Islet Transplant Registry. *Lancet Diabetes Endocrinol*. 2023 Jun;11(6):391-401. doi: 10.1016/S2213-8587(23)00082-7. Epub 2023 Apr 24. PubMed PMID: 37105208; NIHMSID:NIHMS1897908.

Baidal DA, Ballou CM, Rickels MR, Berney T, Pattou F, Payne EH, Barton FB, Alejandro R. Predictive Value of C-Peptide Measures for Clinical Outcomes of β -Cell Replacement Therapy in Type 1 Diabetes: Report From the Collaborative Islet Transplant Registry (CITR). *Diabetes Care*. 2023 Apr 1;46(4):697- 703. doi: 10.2337/dc22-1155. PubMed PMID: 36657975; PubMed Central PMCID: PMC10148684.

Ballou C, Barton F, Payne EH, Berney T, Villard J, Meier RPH, Baidal D, Alejandro R, Robien M, Eggerman TL, Kamoun M, Muller YD. Matching for HLA-DR excluding diabetogenic HLA-DR3 and HLA-DR4 predicts insulin independence after pancreatic islet transplantation. *Front Immunol*. 2023;14:1110544. doi: 10.3389/fimmu.2023.1110544. eCollection 2023. PubMed PMID: 37026004; PubMed Central PMCID: PMC10070978.

Hering BJ, Ballou CM, Bellin MD, Payne EH, Kandeel F, Witkowski P, Alejandro R, Rickels MR, Barton FB, Factors Associated With Favourable 5 Year Outcomes In Islet Transplant Recipients with Type 1 Diabetes Complicated by Severe Hypoglycaemia in the Collaborative Islet Transplant Registry. *Diabetologia*. 2023 Jan;66(1):163-173. doi: 10.1007/s00125-022-05804-4. Epub 2022 Oct 6. PMID: 36201044; PubMed Central PMCID: PMC10355148.

Maffi, P., & Secchi, A. (2015). Clinical results of islet transplantation. *Pharmacological research*, 98, 86-91.

Balamurugan 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, Alejandro R, Markmann J, Kerr-Conti J, Rickels MR, Liu C, Zhang X, Witkowski P, Posselt A, Maffi P, Secchi A, Berney T, O'Connell PJ, Hering BJ, Barton FB, Kandeel F, Al-Abdullah I, Hawthorne WJ (2014), Islet Product Characteristics and Factors Related to Successful Human Islet Transplantation from the

Collaborative Islet Transplant Registry (CITR) 1999-2010. *Am J of Transplant*, 2014 Nov;14(11):2595-606. doi: 10.1111/ajt.12872. Epub 2014 Oct 2. PubMed PMID: 25278159; PubMed Central PMCID: PMC4282081.

Barton FB, Rickels MR, Alejandro 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 K L, Aull MJ, Larsen C, Kay TWH, Fernandez LA, Bellin MD, Shapiro AMJ. Improvement in Outcomes of Clinical Islet Transplantation: 1999-2010. *Diabetes Care*. 2012 Jul;35(7):1436-45. doi: 10.2337/dc12-0063. PubMed PMID: 22723582; PubMed Central PMCID: PMC3379615.

Bellin MD, Barton FB, Heitman A, Harmon J, Balamurugan AN, Kandaswamy R, Sutherland DE, Alejandro R and Hering BJ (2012), Potent Induction Immunotherapy Promotes Long-Term Insulin Independence After Islet Transplantation in Type 1 Diabetes. *Am J of Transplant*, 2012 Jun;12(6):1576-83. doi: 10.1111/j.1600-6143.2011.03977.x. Epub 2012 Apr 11. PubMed PMID: 22494609; PubMed Central PMCID: PMC3390261.

Tiwari JL, Schneider B, Barton F and Anderson, SA (2012), Islet Cell Transplantation in Type 1 Diabetes: An Analysis of Efficacy Outcomes and Considerations for Trial Designs. *Am J of Transplant*, 2012 Jul;12(7):1898-907. doi: 10.1111/j.1600-6143.2012.04038.x. Epub 2012 Apr 5. PubMed PMID: 22486926.

Naziruddin B, Wease S, Stablein D, Barton FB, Berney T, Rickels M, Alejandro R and the CITR Investigators (2011), HLA Class I Sensitization in Islet Transplant Recipients - Report From the Collaborative Islet Transplant Registry. *Cell Transplant*, 2012;21(5):901-8. doi: 10.3727/096368911X612468. Epub 2011 Nov 11. PubMed PMID: 22080832; PubMed Central PMCID: PMC4396620.

Alejandro R. (2009), CITR Report 2009. *Xenotransplantation* 16(5):286.

Alejandro R, Barton FB, Hering B, Rickels M, Berney T, Pattou F, Shapiro, AMJ and the CITR Investigators (2009), Predictiveness of Positive C-peptide for Outcomes of Islet Transplantation. *Xenotransplantation*, 16(5):293.

Barton FB, Wease S, Alejandro R, Hering B, Shapiro AMJ, Berney T, Rickels M, Pattou F, Secchi A, and the CITR Investigators (2009), Improvement in Outcomes of Islet Transplantation: CITR 1999-2008. *Xenotransplantation*, 16(5):293.

CITR Research Group (2009), 2007 Update on Allogeneic Islet Transplantation from the Collaborative Islet Transplant Registry (CITR). *Cell Transplantation*, 18(7):753-67. doi: 10.3727/096368909X470874. Epub 2009 Sep 28. PubMed PMID: 19796497.

Alejandro R, Barton, FB, Hering B, Wease, S (2008), 2008 Update from the Collaborative Islet Transplant Registry, *Transplantation*, 86(12):1783-1788. doi: 10.1097/TP.0b013e3181913f6a. PubMed PMID: 19104422.

Alejandro, R., Barton, F., Appel, M., & Hering, B. J. (2007, September). Update from the Collaborative Islet Transplant Registry. In *XENOTRANSPLANTATION* (Vol. 14, No. 5, pp. 399-399). 9600 GARSINGTON RD, OXFORD OX4 2DQ, OXON, ENGLAND: BLACKWELL PUBLISHING.

Close N, Alejandro R, Hering B, Appel M (2007), Second Annual Analysis of the Collaborative Islet Transplant Registry. *Transplant Proc*, 39 (1):179-182.

Close N, Hering B, and Eggerman T (2005), Results From the Inaugural Year of the Collaborative Islet Transplant Registry. *Transplant Proc*, 37 (2):1305-1308.

Close N, Anand R, Hering B, and Eggerman T, for the CITR Research Group (2004), NIH- Supported National Islet Transplantation Registry. *Cell Biochem Biophys*, 40 (3 suppl): 9-18.

ALL ABSTRACTS, PRESENTATIONS AND POSTERS

2025

Michael Rickels, Thomas Eggerman, Guillermo Arreaza-Rubin, and CITR Investigators. Pancreatic Islet Transplantation: CITR Update. IPITA 2025. Pisa, Italy, June 18, 2025.

Bernhard J. Hering, **Elizabeth Payne**, Adam Brand, Amy Hahn, David Baidal, Michael Rickels, Thomas Eggerman, Guillermo Arreaza-Rubin, and CITR Investigators. Pancreatic Islet Transplantation: CITR Update. IPITA 2025. Pisa, Italy, June 18, 2025.

Baidal D, Brand A, Payne E, Ballou C, Hunsicker L, Alejandro R, Rickels M. 04-2: Role Of Immunosuppression and TNF-Alpha Inhibition in Outcomes of Islet-alone and Islet-after-Kidney Transplantation: Report from The Collaborative Islet Transplant Registry. *Transplantation* 109(6S1):p 17, June 2025. | doi: 10.1097/01.tp.0001122968.35568.eb https://journals.lww.com/transplantjournal/fulltext/2025/06001/04_2__role_of_immunosuppression_and_tnf_alpha.26.aspx.

2023

Mikael Chetboun, Elodie Drumez, Cassandra M. Ballou, Mehdi Maanaoui, Elizabeth H. Payne, Franca Barton, Julie Kerr-conte, Marie-Christine Vantyghem, Lorenzo Piemonti, Michael R. Rickels, Julien Labreuche, François Pattou. Primary Graft Function Predicted 5-Year Outcomes Of Islet Allotransplantation: A Retrospective Cohort Study From The Citr In 1210 T1d Patients. 12th EPITA Symposium & 41st AIDPIT Workshop, Innsbruck-Igls, Austria, 22-24 January, 2023.

Mikael Chetboun, Elodie Drumez, Cassandra M. Ballou, Mehdi Maanaoui, Elizabeth H. Payne, Franca Barton, Julie Kerr-conte, Marie-Christine Vantyghem, Lorenzo Piemonti, Michael R. Rickels, Julien Labreuche, François Pattou. Impact of early graft function on the outcome of islet allotransplantation in 1210 T1D from the international registry. 2023 Congress, Société Francophone du Diabète, Montpellier, France, 21-24 March, 2023.

Baidal, David; Ballou, Cassandra; Hunsicker, Lawrence G; Eggerman, Thomas L; Alejandro, Rodolfo; Rickels, Michael. 337.4: Islet-alone vs. islet-after-kidney transplantation glycemic outcomes: Report from the Collaborative Islet Transplant Registry. IPITA-IXA-CTRMS Joint Congress, San Diego, California, 26-29 October 2023.

2021

Hering B, Updates in pancreatic islet transplantation: Best immunosuppressive protocol, Presentation, *The 20th Congress of the European Society for Organ Transplantation*, Milan, Italy, 10 June 2021.

Baidal D, Rickels, M, Ballou, C, Payne, E, Barton, F, Alejandro, R, Predictive Value of C-peptide Measures for Clinical Outcomes of Islet Transplantation in Type 1 Diabetes: a Report from the Collaborative Islet Transplant Registry (CITR), *IPITA*, Virtual, 2021.

Hering BJ, Ballou C, Payne E, Bellin M, Kandeel F, Witkowski P, Alejandro R, Rickels MR, and Barton F: Long-term Islet Transplant Outcomes: Keys to Long-term Success Future Challenges. Collaborative Islet Transplant Registry (CITR) Bernhard J. Hering on behalf of CITR. *IPITA 18th World Congress* October 20-23, 2021.

Chetboun M, Drumez E, Labreuche J, Barton F, Payne E, Ballou C, Francois Pattou on behalf of CITR. Association of Primary Graft Function and 5-year outcomes of islet transplantation, *PGF, IPITA 2021*. An international study from the Collaborative Islet Transplant Registry (CITR), Preliminary Draft.

2020

Barton FB, Ballou, C, Brindley, H. Current Outcomes in Islet Transplantation from The Collaborative Islet Transplant Registry (CITR) Presentation, Symposium: Joint ADA/Diabetes UK Symposium – Islet Transplantation – Quo Vadis? 14 June 2020 *American Diabetes Association 80th Scientific Sessions*.

Rickels, M, Collaborative Islet Transplant Registry: impact, opportunity, challenges, *10th EPITA Winter Symposium Igls*, Austria, January 28, 2020.

Johnson, P, University of Oxford: An overview of islet transplantation in the UK: are we achieving best practise? Presentation, *British Transplantation Society “Collaboration in Transplantation”*, ICC Belfast, UK March 5, 2020. (Invited).

2019

Rickels, M, Foster N, Ballou C, Hering B, Alejandro R, Beck R, Miller K, Barton F; 217-OR: Islet Transplantation vs. Standard of Care for Type 1 Diabetes Complicated by Severe Hypoglycemia from the Collaborative Islet Transplant Registry (CITR) and T1D Exchange (T1DX) Registry. Oral Presentation, *American Diabetes Association 79th Scientific Sessions*, San Francisco,

California, June 7-11, 2019. https://diabetes.diabetesjournals.org/content/68/Supplement_1/217-OR.

2018

Barton F, Who Is the Ideal Patient for Alloislet Transplant? Predictive Models for Successful Transplant Outcomes from the ADA, CITR. *78th Scientific Sessions Congress*, Clinical Updates in Beta-Cell Replacement Therapy, June 22 - 26, 2018, Orlando, Florida.

2017

Barton FB. Update from the Collaborative Islet Transplant Registry (CITR), Oral Presentation, 16th International Congress of the International Pancreas and Islet Transplant Association, Oxford, England, June 2017.

Barton, F, Clinical Islet Allo-transplantation 1. 6.10 - Collaborative Islet Transplant Registry (CITR) update. 2017 – IPITA - The Transplantation Society.

2016

Barton FB. Update from the Collaborative Islet Transplant Registry. *Rachmiel Levine-Arthur Riggs Diabetes Research Symposium*, Long Beach, California, March 6-9, 2016.

2015

Barton FB. Fifteen Years of Islet Transplantation: Results and Perspectives from the Collaborative Islet Transplant Registry (CITR), Oral Presentation, *15th International Congress of the International Pancreas and Islet Transplant Association*, Melbourne, Australia, November 15-19, 2015.

2014

Barton, FB. Allograft/Autograft. Oral Presentation, *Cleveland Clinic Beta Cell Symposium*, Cleveland, Ohio, November 14-15, 2014.

Hering BJ, Barton FB. Clinical Lessons from the Collaborative Islet Transplant Registry (CITR). Oral Presentation, *World Transplant Congress (WTC)*, San Francisco, California, July 28, 2014.

Barton, FB. Allograft/Autograft. Oral Presentation, *PancreasFest 2014/NIDDK Workshop on Total Pancreatectomy with Islet Auto-Transplantation (TP-IAT)*, Pittsburgh, Pennsylvania, July 23, 2014.

2013

Hering B, Barton FB, Messinger-Cayetano S for the CITR Investigators. Factors predictive of clinical outcomes following single islet allograft infusion in type 1 diabetes from the Collaborative Islet Transplant Registry, Abstract, *14th International Congress of the International Pancreas and Islet Transplant Association*, Monterey, California, September 24- 27, 2013.

Barton FB. Thirteen Years of Islet Transplantation: Results and Perspectives from the Collaborative Islet Transplant Registry (CITR), Oral Presentation, *14th International Congress of the International Pancreas and Islet Transplant Association*, Monterey, California, September 24- 27, 2013.

Barton FB. Collaborative Islet Transplant Registry: Overview and Main Results as of September 2013. Oral Presentation, *Collaborative Islet Transplant Registry (CITR) Annual Meeting*, Monterey, California, September 23, 2013.

2012

Hering, B for the CITR Investigators. CITR: Long Term Data Update of Islet Transplantation. Oral Presentation, *12th Annual Rachmiel Levine Diabetes and Obesity Symposium*, Pasadena, California, February 15-18, 2012.

2009

Bellin M, Barton FB, Hering B, and the CITR Investigators. Induction Immunosuppression with T- cell Depleting Antibodies Facilitates Long-term Insulin Independence after Islet Allotransplantation in Type 1 Diabetes. Oral Presentation, *Joint IPITA-IXA 2009 Meeting*, Venice, Italy, October 12, 2009.

Pattou F, Alejandro R, Barton FB, Hering B, Wease S and the CITR Investigators. 2009 Update from the Collaborative Islet Transplant Registry. Oral Presentation, *European Society of Transplantation*, Paris, France, August 31, 2009.

Berney T, Alejandro R, Pattou F, Barton FB, Wease S, Hering B and the CITR Investigators. Islet after Kidney Transplantation from the Collaborative Islet Transplant Registry: 1999-2008. Poster, *European Society of Transplantation*, Paris, France, August 31, 2009.

2008

Alejandro R for the CITR Investigators. 2007 Update on Allogeneic Islet Transplantation from the Collaborative Islet Transplant Registry. Oral Presentation, *The Transplantation Society*, Sydney, Australia, August 11, 2008.

Barton FB for the CITR Investigators. NIH funded Collaborative Islet Transplant Registry (CITR): Update. Oral Presentation, *Rachmiel Levine Diabetes and Obesity Symposium*, Newport Beach, California, January 14, 2008.

2007

Alejandro R for the CITR Investigators. 2007 Annual report of the CITR. Oral Presentation, *2007 Global Diabetes Summit*, Columbus, Ohio, November 29, 2007.

Alejandro R for the CITR Investigators. Update from the Collaborative Islet Transplant Registry. Oral Presentation, *2007 Joint conference-CTS-IPITA-IXA*, Minneapolis, Minnesota, September 15-20, 2007.

2006

Barton FB for the CITR Investigators. Update from the Collaborative Islet Transplant Registry (CITR): Achievement and Maintenance of Insulin Independence. Poster, *2006 Rachmiel Levine Diabetes and Obesity Symposium*, Long Beach, California, November 8-11, 2006.

Wease S for the CITR Investigators. Regional and Temporal Trends in Islet Transplantation in North America 1999-2005. Poster, *2006 Rachmiel Levine Diabetes and Obesity Symposium*, Long Beach, California, November 8-11, 2006.

Alejandro R. Collaborative Islet Transplant Registry (CITR) and Single Donor Islet Transplantation. Oral Presentation. *World Transplant Congress*, Boston, Massachusetts, July 25, 2006.

Shapiro AMJ. Results from the Third Annual Report of the Collaborative Islet Transplant Registry (CITR). Oral Presentation. *8th International Congress of the Cell Transplant Society*, Milan, Italy, May 18-20, 2006.

2005

Close N, Alejandro R, Hering B, and Appel M. Results from the 2005 Annual Report of the Collaborative Islet Transplant Registry (CITR). Poster, *2005 Rachmiel Levine Diabetes and Obesity Symposium*, Los Angeles, California, November 9-12, 2005.

Close N, Hering B, and Eggerman T for the CITR Investigators. Results from the Inaugural report of the Collaborative Islet Transplant Registry (CITR). Oral Presentation, *American Transplant Congress (ATC) 6th Joint Annual Meeting of the American Society of Transplant Surgeons (ASTS) and American Society of Transplantation (AST)*, Seattle, Washington, May 21-25, 2005.

Hering B for the CITR Investigators. Update on the Collaborative Islet Transplant Registry (CITR). Oral Presentation, *10th Annual International Pancreas and Islet Transplant Association Congress*, Geneva, Switzerland, May 4-7, 2005.

2004

Close N, Hering B, and Eggerman T for the CITR Investigators. Results from the Inaugural Year of the Collaborative Islet Transplant Registry (CITR). Oral Presentation, *5th Annual Rachmiel Levine Symposium*, Los Angeles, California, October 6-9, 2004.

Hering B, Close N, and Eggerman T. Results from the Inaugural Year of the Collaborative Islet Transplant Registry (CITR). Poster, *XX International Congress of The Transplantation Society*, Vienna, Austria, September 5-10, 2004.

Hering B, Close N, Anand R, and Eggerman T. Collaborative Islet Transplant Registry (CITR). Poster, *American Diabetes Association (ADA) 64th Annual Scientific Sessions*, Orlando, Florida, June 4-8, 2004.

Wease S, Neyzari O, and Close N. Minimizing Data Entry Workload, An Example from the Collaborative Islet Transplant Registry (CITR). Oral Presentation, *25th Anniversary Meeting of the Society for Clinical Trials (SCT)*, New Orleans, Louisiana, May 23-26, 2004.

Hering B, Close N, Anand R, and Eggerman T. Collaborative Islet Transplant Registry (CITR). Poster, American Transplant Congress (ATC) 5th Joint Annual Meeting of the American Society of Transplant Surgeons (ASTS) and American Society of Transplantation (AST), Boston, Massachusetts, May 14-19, 2004.

2003

Eggerman T, Close N, and Hering B. Collaborative Islet Transplant Registry (CITR). Collaborative Islet Transplant Registry (CITR). Collaborative Islet Transplant Registry (CITR). Oral Presentation, *Islet Summit Conference Series 2003*, Miami Beach, Florida, November 13- 16, 2003.

Eggerman T, Close N, and Anand R. Collaborative Islet Transplant Registry (CITR). Oral Presentation, *4th Annual Rachmiel Levine Diabetes Symposium: Advances in Islet Cell Biology, 2003*, Universal City, California, November 4-8, 2003.

Hering B, Close N, Anand R, and Eggerman T, for the CITR Research Group. NIH Supported National Transplant Registry. Oral Presentation, *9th Annual International Pancreas and Islet Transplant Association Congress*, Dublin, Ireland July 9-11, 2003.

Eggerman T. Collaborative Islet Transplant Registry (CITR). Oral Presentation, *2003 Cell Transplant Society 6th International Congress*, Atlanta, Georgia, March 2-5, 2003.

2002

Hering B. Collaborative Islet Registry Update. Oral Presentation, *Islet Transplantation 2002 and Beyond, 2nd Annual Symposium*, Rancho Mirage, California, December 5-7, 2002.

Hering B, Close NC, Anand R, and Eggerman TL, for the CITR Research Group. NIH Supported National Transplant Registry. Presentation, *3rd Annual Rachmiel Levine Diabetes Symposium: Advances in Islet Cell Biology, 2002*, Anaheim, California, October 2002.

MAGAZINES

Collaborative Islet Transplant Registry. Islet Transplant Update 2003, *JDRF Countdown*, Summer 2003.

Arun Sharma, PhD (approval). Forget-Me-Not: Recent Advances for Type 1 Diabetics, pp 24-25, *Family Doctor*, Volume 2, No.1 Winter 2004.

BOOK CHAPTERS

Close N, Hering B, Anand R, Eggerman T and the CITR Research Group. Collaborative Islet Transplant Registry (CITR). Chapter 11, *Clinical Transplants 2003*, Eds. Cecka M, Terasaki P; UCLA, 109-18.

Chapter 21 Islet Transplantation: Status, Protocols and Perspectives, Collaborative Islet Transplant Registry (CITR). Chapter Eds.: Hering B, Wijkstrom M, and Eckman P, *Transplantation of the Pancreas*. (Eds. Gruessner RWG and Sutherland DER), Springer, 2004.