

TrialNet Ancillary Studies List

Ongoing Studies

Study Type: Subject Access

Title:	Predicting diabetes based on peripheral blood levels of Th40 cells
Principal Investigator:	David Wagner
Co-investigator(s):	Peter Gottlieb
Institution:	Barbara Davis Center for Childhood Diabetes, University of Colorado

Title:	Enhanced CD4+CD25+Proliferative Capacity as a Biomarker of Disease Risk
Principal Investigator:	Deborah Fowell
Co-investigator(s):	Nicholas Jospe
Institution:	University of Rochester

Title:	T cell Responses to S1c30A8 (ZnT8)
Principal Investigator:	Howard Davidson
Co-investigator(s):	John Hutton, Danny Zipris, Peter Gottlieb
Institution:	Barbara Davis Center for Childhood Diabetes, University of Colorado Denver

Title:	A Twin Family Study of Islet Autoimmunity
Principal Investigator:	Pamela Fain
Co-investigator(s):	George Eisenbarth
Institution:	Barbara Davis Center for Childhood Diabetes

Title:	The Role of Innate Immunity in the Development of Type 1 Diabetes
Principal Investigator:	Danny Zipris
Co-investigator(s):	Peter Gottlieb
Institution:	Barbara Davis Center for Childhood Diabetes, University of Colorado Denver

Title:	Novel High-Throughput DNA Sequencing for Addressing the Role of Viruses in T1D
Principal Investigator:	Danny Zipris
Co-investigator(s):	Peter Gottlieb
Institution:	Barbara Davis Center for Childhood Diabetes, University of Colorado Denver

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Title:	The role of the gut microbiome in the development of type 1 diabetes
Principal Investigator:	Danny Zipris
Co-investigator(s):	Daniel Frank, Peter Gottlieb, Edwin Liu
Institution:	Barbara Davis Center for Childhood Diabetes, University of Colorado Denver

Title:	Ancillary T-cell Study: studies of islet autoantigen-reactive T cells in subjects at risk for type 1 diabetes
Principal Investigator:	Len Harrison
Co-investigator(s):	Peter Colman, Helen O'Shea, Felicity Taylor
Institution:	The Walter & Eliza Hall Institute of Medical Research and The Royal Melbourne Hospital

Title:	Development of memory autoreactive T cell responses in human T1D
Principal Investigator:	Sally Kent
Co-investigator(s):	Peter Gottlieb
Institution:	Brigham and Women's Hospital

Title:	MicroRNAs Expression in CD4 T cells
Principal Investigator:	Alberto Pugliese
Co-investigator(s):	Ricardo Pastori, Shari Messinger
Institution:	Diabetes Research Institute, University of Miami School of Medicine

Title:	Ad Hoc small samples from local TN subjects for assay development
Principal Investigator:	Darrell Wilson
Co-investigator(s):	Rajiv Kumar, Brian Feldman
Institution:	Stanford University

Title:	Autoantigen specific B cells in the development of human Type 1 diabetes
Principal Investigator:	John Cambier
Co-investigator(s):	Peter Gottlieb
Institution:	University of Colorado Denver School of Medicine, National Jewish Health, and Barbara Davis Center for Childhood Diabetes

TrialNet Ancillary Studies List

Study Type: Archived Sample

Title:	Understanding Regulatory Defects in T1D: Natural History and Impact of Therapy
Principal Investigator:	Jane Buckner
Co-investigator(s):	Carla Greenbaum
Institution:	Benaroya Research Institute

Title:	Measurement of Beta Cell Death in Early Type 1 Diabetes and Participants in the MMF/DZB Study
Principal Investigator:	Kevan Herold
Co-investigator(s):	Eitan Akirav
Institution:	Yale University

Title:	Detection of Beta Cell Death in the TrialNet Natural History study
Principal Investigator:	Kevan Herold
Co-investigator(s):	Eitan Akirav
Institution:	Yale University

Title:	Innate and adaptive immune responses in subjects at risk for Type 1 diabetes mellitus
Principal Investigator:	Kevan Herold and David Hafler
Co-investigator(s):	Elizabeth Bradshaw
Institution:	Yale University

Title:	Rituximab for Treatment of Type 1 Diabetes: Impact on JC Viral Proliferation
Principal Investigator:	Mark Pescovitz; as of 12/2010 Eric Wiebke
Co-investigator(s):	Adriana Weinberg
Institution:	Indiana University and University of Colorado

Title:	Serum Signatures in T1D
Principal Investigator:	Martin Hessner
Co-investigator(s):	Carla Greenbaum
Institution:	Medical College of Wisconsin

TrialNet Ancillary Studies List

Studies Pending Initiation

Study Type: Archived Sample

Title:	Exploring Serum MicroRNAs as Novel Biomarkers of Type 1 Diabetes
Principal Investigator:	Alberto Pugliese
Co-investigator(s):	Ricardo Pastori, Shari Messinger, George Eisenbarth
Institution:	Diabetes Research Institute, University of Miami School of Medicine

Title:	Decline in anti-idiotypic antibody levels as a characteristic of the development of T1D
Principal Investigator:	Christiane Hampe
Co-investigator(s):	Carla Greenbaum
Institution:	University of Washington

Title:	Pilot Study for microarray profiling of gene expression in frozen TrialNet PBMC samples
Principal Investigator:	Christophe Benoist
Institution:	Harvard Medical School

Title:	B cell function and phenotype as predictors of therapeutic response to Rituximab
Principal Investigator:	David Rawlings
Co-investigator(s):	Jane Buckner, Carla Greenbaum
Institution:	Seattle Children's Research Institute and Benaroya Research Institute

Title:	Prospective analyses of novel autoantigen epitopes in prediabetes and the honeymoon period
Principal Investigator:	John Hutton
Co-investigator(s):	Howard Davidson, Janet Wenzlau, Peter Gottlieb
Institution:	University of Colorado, Barbara Davis Center for Childhood Diabetes

Title:	Discovery and validation of epigenetic biomarkers of T1D progression
Principal Investigator:	Raphael Clynes
Institution:	Columbia University

TrialNet Ancillary Studies List

Closed Studies

Study Type: Subject Access

Title:	Influence of Human Genetics on Bacterial Colonization in Caries Experience
Principal Investigator:	Van Wallace McCarlie
Co-investigator(s):	Henry Rodriguez, Mark Pescovitz, Margherita Fontana, Richard Gregory, James K. Hatsfield, Janice Blum, Carlos Gonzalez, Lorri Morford, George Eckert
Institution:	Columbia University

Title:	The Study of Type 1 Diabetes in Very Young and Early Adolescent Pediatric Patients
Principal Investigator:	Christophe Benoist; as of 6/2009 George King, Lori Laffel
Co-investigator(s):	Diane Mathis, Lori Laffel, George King, Britta Svoren, Greg Goodwin, Melanie Rodacki, Korey Hood, Joan Larrabee, Jamie Wood
Institution:	Joslin Diabetes Center

Title:	Fever Study: TLR-dependent type 1 interferon induction and islet autoimmunity in high risk children
Principal Investigator:	Marian Rewers
Co-investigator(s):	Peter Gottlieb, Danny Zipris, Janet Snell-Bergeron
Institution:	University of Colorado, Barbara Davis Center for Childhood Diabetes

Title:	Studies on effector and regulatory islet autoreactive T cells in patients with T1D and relatives at varying risk of disease
Principal Investigator:	Mark Peakman
Co-investigator(s):	Polly Bingley, Colin Dayan
Institution:	King's College London and University of Bristol

Title:	Effect of Type 1 diabetes associated gene polymorphisms on detection of islet auto-reactive t-cells
Principal Investigator:	Mark Peakman
Institution:	King's College London