



nPOD

Network for Pancreatic Organ
Donors with Diabetes



Welcome to New nPOD Investigators

Congratulations to the 16 investigators who received JDRF funding for nPOD based studies. These awards began July 1, 2010 and funding for each project ranges between \$50,000 and \$210,000. nPOD now supports over 60 international investigators engaged in efforts to better understand the causes of type 1 diabetes and find ways to prevent and ultimately cure the disease. Below is a list of recently approved projects:

JDRF Funded Investigators with Established nPOD Projects:

Mark Stuart Anderson
University of California, San Francisco
Identification of extrathymic Aire-expressing cells in human lymph nodes

Dolores Jaraquemada
Universitat Autònoma de Barcelona
Tracing Effector and Regulatory T Cell Populations in Type 1 Diabetes

Richard David Leslie
University of London
Risk of Autoimmune Diseases and Human Self-Antigen expression

Ivan Gerling
University of Tennessee, Memphis
Sequencing the Islet Transcriptome

Leonard Harrison
Walter & Eliza Hall Institute of Medical Research
Evidence for increased numbers of stem cells in human T1D pancreas

Clayton Mathews
University of Florida
Islet Resistance to T1D

Bart Roep
Leiden University
Detection of islet autoreactive CD8 T-cells in insulinitis versus periphery

Charmaine Simeonovic
Australian National University
Heparan sulfate levels mark the health status of human islet beta cells

Ranjeny Thomas
University of Queensland
Pathological changes associated with chronic RelB activation in T1D

Thomas Wight
Benaroya Institute
Extracellular Matrix Involvement in Type 1 Diabetes

Visit the nPOD Booth at NATCO, Enter to Win and iPOD from nPOD

Please come by nPOD's booth at the 35th Annual NATCO conference in Hollywood, Florida, August 1-4, 2010. We look forward to meeting with the diverse group of professionals that make up NATCO, The Organization for Transplant Professionals. (For more information about the organization, please visit the [NATCO website](#).) The nPOD has grown and added new staff members, so please come by to say hello and learn about exciting developments and scientific discovery related to the project.



Here We Grow Again

- Congratulations to Alberto Pugliese, M.D., who has accepted the position of nPOD associate executive director. Welcome Dr. Pugliese!
- Thank you to Sally Kent, Ph.D., and the Publications and Presentations Committee for their efforts to draft a governing document for nPOD-based manuscripts and presentations. More information will be available soon.
- Based on the nPOD model for collaborative research, the JDRF has recently formed task forces to examine the potential to expand the project to the areas of type 1 diabetes complications and pancreas and/or islet transplantation.

IIAM Webinars for CEU Credits for OPO Professionals

The nPOD project is now partnering with IIAM to offer CEUs to organ procurement professionals. If you would like to participate in an upcoming Webinar, please contact [Gina Dunne-Smith](#) at IIAM for additional information.



The learning objectives include:

- Recognize the difference between type 1 diabetes and type 2 diabetes
- Understand the Natural History of type 1 diabetes as an autoimmune disease and the role of genetics and autoantibodies in disease progression
- Describe the importance of human biospecimens in type 1 diabetes research
- Identify the role of nPOD in fostering collaboration by type 1 diabetes investigators in nonprofit academic institutions

nPOD Welcomes Jayne Moraski



JDRF Funded Investigators with Established nPOD Projects:

Manuela Battaglia

Vita-Salute San Raffaele University, Milano, Italy
Post-transcriptional regulation of pancreas-targeting nTreg cells

Garry Fathman

Stanford University
Age-dependent & tissue-specific changes in mRNA and miRNA expression in T1D

Dale Greiner

University of Massachusetts Medical School
Development of T1D in Humanized Mice Using Tissues from Autoimmune Donors

Sally Kent

University of Massachusetts Medical School
Investigation of B cells in islets, PLN and spleen in T1D

Sara Michie

Stanford University
Tissue-selective adhesion molecules in human T1D

Maki Nakayama

University of Colorado Denver
Direct replication of T cell receptors specific for type 1 diabetes

nPOD Website Wins 2010 Gold ADDY Award

The JDRF nPOD Web site has been recognized with a Gold ADDY Award by the American Advertising Federation.



Please join us in welcoming Jayne Moraski to the Administrative Core of the nPOD project as assistant director. Jayne comes to us with a background in business and grant management. She has managed state, federal and private foundation grants in excess of @2.5 million annually. Jayne holds a master's degree from the University of Iowa and an undergraduate degree from Truman State University.

nPOD becomes AOPO Sponsor and Attends Annual Meeting in June

nPOD exhibited at the Association of Organ Procurement Organizations (AOPO) in Baltimore June 15-17, 2010. AOPO represents and serves Organ Procurement Organizations (OPOs) through advocacy, support, and development of activities that will maximize the availability of organs and tissues for transplant and research. The organization also seeks to enhance the quality, effectiveness and integrity of the donation process. nPOD is now a bronze level sponsor of the organization to acknowledge the critical role OPOs play in the project's success.



nPOD also attends ADA

nPOD also exhibited at the American Diabetes Association's 70th Scientific Sessions in Orlando, Florida in June. We were pleased to see many nPOD based scientific presentations at the conference. Thank you to the hundreds of visitors who stopped by our booth to say hello.

Interested in learning more about nPOD?

Please contact the nPOD coordinator via email at npod@pathology.ufl.edu or by phone at (352) 846-3965.

For more information, please visit www.jdrfnpod.org.