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JDRF nPOD New sletter



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Investigator Spotlight:

Last month's investigator spotlight featured Sarah Richardson.

July features Decio Eizirik.

Have you sent in your investigator spotlight information?

nPOD Annual Meeting Reminder



Planning is underway for the JDRF nPOD 7th Annual Scientific Meeting, scheduled for February 22-25, 2015 at the Loews Don CeSar Hotel in St Pete Beach, Florida. Important dates to remember:

- August 1, 2014 nPOD will put out a call for abstracts
- October 17, 2014 is the deadline for abstracts

Please stay tuned for more information.

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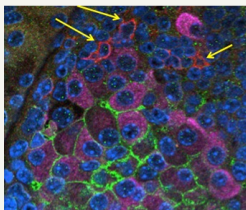


Online Pathology Update

Please note: If images or data from nPOD's online pathology database are used in your publications, please use standard nPOD nomenclature to refer to the images. Please also include an acknowledgement of the nPOD project in the manuscript. For more information, please review our "[Terms of use for nPOD Online Pathology Images](#)". Furthermore, you are highly encouraged to seek institutional ethics or IRB review committee regarding any study you undertake when utilizing the information from this database for your research.

[Instructions are available on nPOD's website](#) that explain how to view the Aperio images for both Mac and PC.

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nPOD T-Cell Working Group Formed

The nPOD T-cell working group will host a web discussion **Thursday, August 07, 2014 at 11:00 am eastern time**. The call will allow members of the subgroup to discuss their research plans. If you are interested in joining this working group, please email Mingder Yang.

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Donor Groups

nPOD provides a list of donor groups available for approved investigators. Please check back often to see if new cases have been added, especially in the "Other" category which includes unusual cases which might aid your research.

nPOD Donor Groups

Donor Type	Count	Age Range
Type 1 diabetes		
Type 1 Diabetes	89	4.4 to 61
Type 1 Diabetes Medalist	12	59.0 to 93.0
Fulminant	1	14
Transplant	5	38.0 to 50.0
Autoantibody Positive		
No Type 1 Diabetes	22	0.17 to 69.2
Type 2 diabetes		
Type 2 Diabetes	26	18.8 to 76.3
Type 2 with incretin therapy	10	46 to 74.2
Gestational Diabetes	4	29 to 35
Pregnancy	2	19 to 38
Other		
No diabetes (Type 1 or Type 2), Autoantibody Negative	99	0.0 to 75.0
Cystic fibrosis	3	29.3 to 33.0
Gastric Bypass	2	36 to 48
Other	13	15.5 to 62.0
Pending	6	14 to 56
TOTAL	294	0 to 93

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DataShare Webinars

We have planned a series of webinars to engage investigators in DataShare. The first webinar was held July 2nd, and covered the basics of DataShare focusing on ways to gather and review data.

The second DataShare webinar is scheduled on Wednesday, August 6th at 11 am eastern time. The topic will be DataShare 201: Leveraging DataShare Features and Programming Tools: A Case Study Using Published nPOD Data.

If you missed the first DataShare webinar held on July 2nd, you can still view the recording by [clicking](#)

[here.](#)

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Case Narratives

We are excited to announce a new feature that will become available soon for all nPOD cases: case narratives.

In order to provide you with the most comprehensive clinical overview of nPOD donors, we have developed case narratives that will allow you to gather a better understanding of the clinical status of each donor prior to death.

We are starting with cases with type 1 diabetes. These narratives will be available upon request, and we hope they can provide the background information necessary for your research. Please [email nPOD](#) if you are interested in reviewing these narratives.

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New Projects & Publications

Reminder: If you have a publication that relies on nPOD tissues, we want to know about it! Please fill out the [Abstract & Submission form](#) on the nPOD website.

New Investigators: If you know other investigators that would like to become part of our project, we encourage them to [Apply to Join nPOD](#).

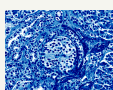
We would like to welcome Dr. Mitchell Knutson to the nPOD Consortium.



Mitchell Knutson University of Florida

Project: Molecular mechanisms of iron uptake by pancreatic beta cells and their contribution to the development of diabetes

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Islet Isolation Pilot Project

nPOD has created an islet isolation pilot program, headed by Dr. Clayton Mathews. The project hopes to determine how many islets we can recover from T1D cases with short duration and how these islets will perform in various assays.

Though the project is slated to start in a few select locations, the following activities are underway:

1. An Islet Isolation committee has been formed.
2. Isolation site has been identified and contract negotiation is underway.
3. All the process and logistics SOPs are completed.
4. Pilot test investigators have been identified, and each will report back on islet viability for different assays they will be performing.

Organ donors with type 1 diabetes of short duration are rare. When consent for research donation occurs, the nPOD team looks forward to starting the pilot program.

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Thank You Tissue Prioritization Committee

The Tissue Prioritization Committees (TPCs) for nPOD have reviewed over 30 new applications so far this year. We depend on their dedication to wisely using the gifts of organ donors to advance science, and we thank them for all their hard work. The following people are members of the either the academic or industry committee:

- Mark Atkinson
- Susan Bonner-Weir
- Martha Campbell-Thompson
- Howard Davidson
- Jessica Dunne
- Gunn Frisk
- Roberto Gianani
- Julia Greenstein
- Maggie Morris Fears
- Alberto Pugliese
- Bart Roep

with nPOD staff support from Irina Kusmartseva and Mingder Yang.

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Thank You Teodora Staeva

nPOD would also like to thank Teodora Staeva for all of her work on the nPOD project over the years. She shepherded nPOD through dramatic growth, and her constant support was invaluable.

We wish her the best of luck in all her future endeavors.



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[Quarterly Newsletter]

nPOD is a collaborative type 1 diabetes research project funded by JDRF. We support scientific investigators by providing, without cost, rare and difficult to obtain tissues beneficial to their research. nPOD currently supports over 90 type 1 diabetes-related scientific studies at institutions around the world. Our hope is that nPOD will prove a useful resource to the community of researchers dedicated to finding a cure for type 1 diabetes. For more information, please go to www.jdrfnpod.org