



**IIDP Data Resource Trainee Scholar Award
(DRTSA)**

**Informational Webinar
June 1, 2023**

**IIDP ISLET
DRTSA
INFORMATIONAL
WEBINAR**

**IIDP
Leadership.....**

Joyce Niland, PhD, IIDP PI

Carmella Evans-Molina, MD, PhD, IIDP PI

NIDDK:

Kristin Abraham, PhD, Project Scientist

Tom Eggerman, MD, PhD, Program Officer

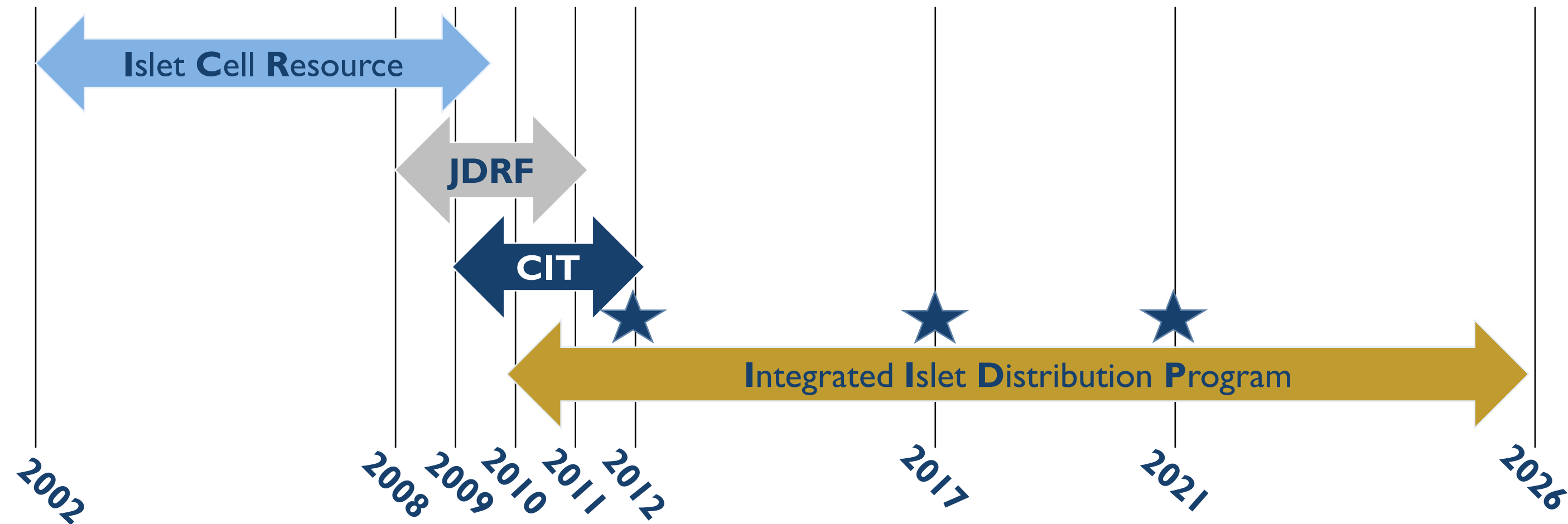


INTEGRATED ISLET DISTRIBUTION PROGRAM

***Providing high quality
human islets,
associated tissue, & rich data
to the diabetes research
community worldwide***

HISTORY OF ISLET PROGRAM AT CITY OF HOPE

★ IIDP Grant Renewal



Sponsors

National Center for Research Resource

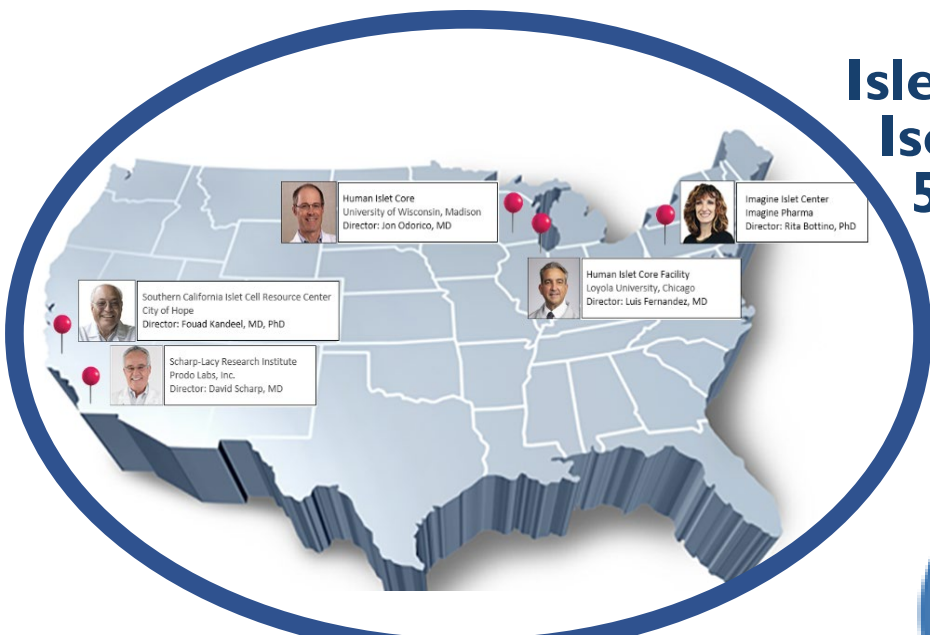
Juvenile Diabetes Research Foundation

National Institute for Diabetes & Digestive Kidney Diseases

National Institute for Diabetes & Digestive Kidney Diseases

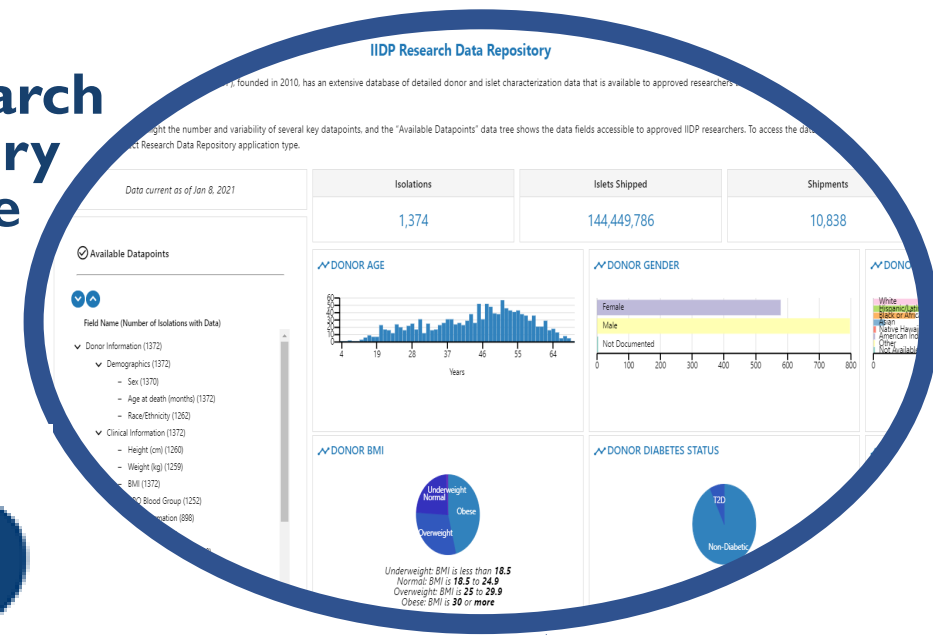


SCHEMATIC OF IIDP ISLET & DATA FLOW



**Islets
Isolated at
5 Current
IICs**

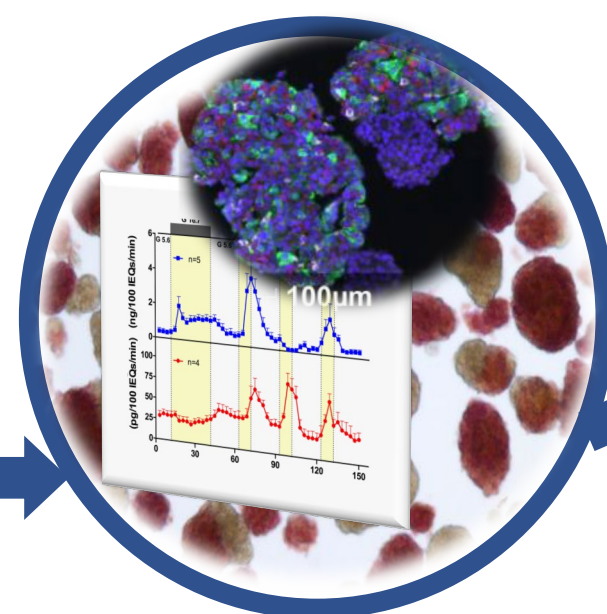
**IIDP Research
Data Repository
(RDR) Accessible**



**Distributed
around the
World**



**Data Collected
from IICs & UNOS**



**Islet Phenotyping
Data Generated
by IIDP HIPP (VUMC)**



**Genetic Risk
Scores Analyzed
by IIDP HIGI
(Stanford)**

IIDP'S IMPACT ON DIABETES RESEARCH



2,130
ISOLATIONS



279 MILLION
ISLETS SHIPPED



544
STUDIES



844
PUBLICATIONS

OVERVIEW OF DRTSA

Overall Objectives and Scope:

- ❖ Advance research in human pancreas biology and islet research by providing trainees with support and access to detailed donor and islet data via the IIDP's Research Data Repository (RDR)
- ❖ Enable important secondary analyses to explore the relationships among donor characteristics, islet phenotyping, and genetic risk

Award Information:

- ❖ Subcontract mechanism
- ❖ Limited to \$10,000 including any applicable F&A costs (at 8% of modified total direct costs)

Key Dates:

Posted Date:	May 16, 2023
Letter of Intent:	June 15, 2023 (courtesy only)
Application Due Date:	July 17, 2023
Scientific Review:	6-8 weeks post receipt
Start Date:	October 1, 2023

ELIGIBILITY

Eligible Organizations

- ❖ Private Institutions of Higher Education
- ❖ Nonprofits Other Than Institutions of Higher Education
- ❖ For-Profit Organizations
 - Small Businesses/For-Profit Organizations (Other than Small Businesses)
- ❖ Foreign Institutions Not Eligible
 - Non-domestic (non-U. S.) Entities (Foreign Institutions) **are NOT** eligible to apply.
 - Non-domestic (non-U. S.) components of U.S. Organizations **are NOT** eligible to apply.
 - Foreign components, as defined in the [NIH Grants Policy Statement](#), **are NOT** allowed.

Eligible Individuals

- ❖ Individuals must currently be in a mentored predoctoral or postdoctoral trainee position.
- ❖ Postdoctoral Fellows: Candidate must hold a PhD, MD, MD/PhD, or equivalent degree signifying comparable academic and research experience
- ❖ Graduate/Medical Students: Candidate must be currently enrolled in a PhD, MD, or equivalent degree program (e.g., EngD, DNSc, DrPH, DSW, PharmD, ScD) in the biomedical, behavioral, or clinical sciences at a domestic institution (or visiting foreign student with mentor on faculty at domestic institution)

APPLICATION REVIEW PROCESS

Evaluation Method

- ❖ External Peer Review
- ❖ Technical & Scientific Merit
- ❖ NIH Scoring Convention (1-10)
- ❖ Overall Impact Score

Individual Review Criteria

- ❖ Significance
- ❖ Innovation
- ❖ Approach
- ❖ Investigator & Mentor
- ❖ Environment

Application Selection Process

- ❖ External Peer Review
- ❖ Final funding decision made by the IIDP
 - Scientific and technical merit

Final Decisions: August 1, 2023

REPORTING REQUIREMENT OF AWARDEES

Upon conclusion of your project:

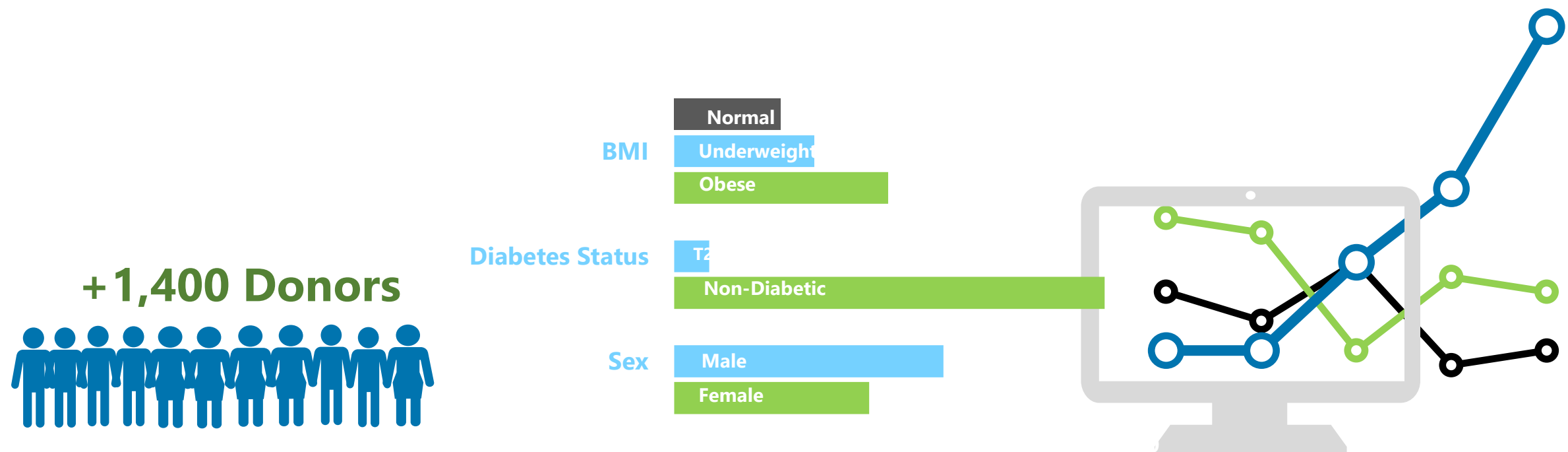
- ❖ Award recipients will be asked to provide feedback on design/functionality of the RDR
- ❖ Assist the IIDP in improving the RDR's future functionality and utility

Apply online at:

<https://redcap.coh.org/surveys/?s=DLRM8D4K3LC7WW4W>

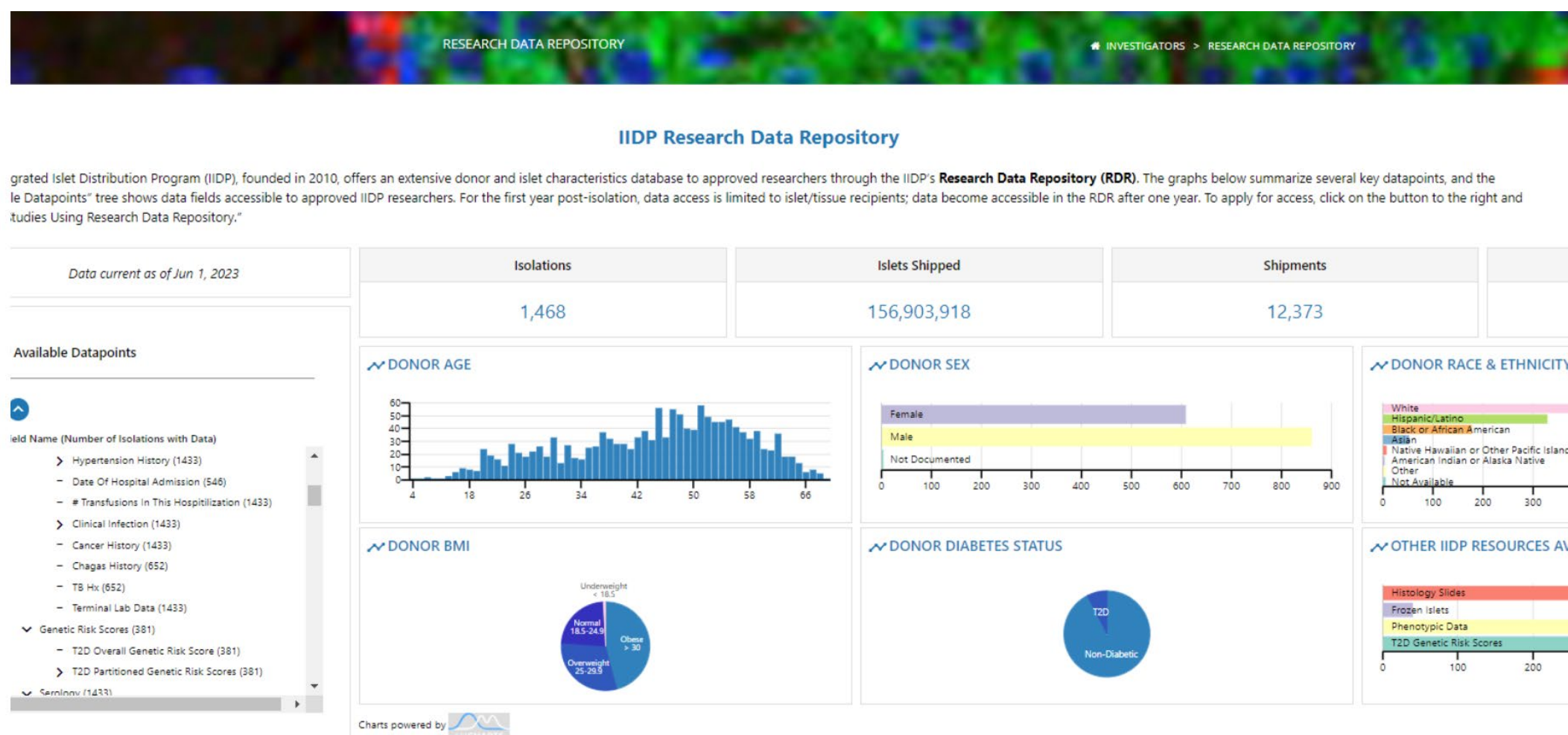
RESEARCH DATA REPOSITORY (RDR)

- ❖ Fully integrated Research Data Repository (RDR) on >1400 IIDP human islet isolations
- ❖ Data available from 2010 onward, with > 200 data fields per isolation
- ❖ Data from our Islet Isolation Centers, UNOS, Human Islet Phenotyping Program (HIPP) & Human Islet Genotyping Initiative (HIGI)
- ❖ Convenient way for investigators to search and download this integrated database for phenotype/genotype correlations and other analyses into human islet function



OVERVIEW OF THE RDR

- ❖ RDR Public website <https://iidp.coh.org/Investigators/Research-Data-Repository>
- ❖ Graphs of cohorts available
- ❖ Data dictionary fields and sample sizes



- ❖ Full RDR Data Dictionary with field names and coding structure
- ❖ Will be sent to each applicant at the start of their application

QUESTIONS?



[IIDP.COH.ORG/DRTSA_2023](https://iidp.coh.org/drtsa_2023)



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