

## GREGoR Funding Opportunities

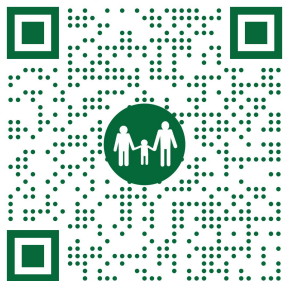
The GREGoR Consortium announces Grant Opportunities to bring in needed expertise not currently represented within the Consortium in order to expand GREGoR's impact:

- **Research Grants** - Letters of Intent due Nov. 13
- **Grants to Support Workforce Diversity in Genomics Research** - applications due Jan. 12

Visit our **Grant Opportunities web page for information including how to apply**



## Visit GREGoR's Learning Hub



This new section of the GREGoR website provides information and resources for families and patients impacted by rare disease and addresses:

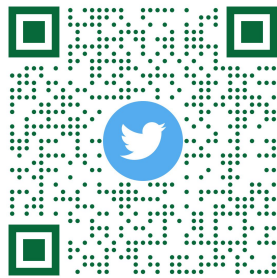
- What is rare disease?
- What methods and new technologies is GREGoR using?
- How does research participation work?

## Connect with GREGoR online

Visit us on the web



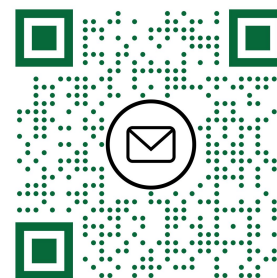
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# GREGoR at ASHG 2023

- Dr. Lisa Chadwick, NHGRI, “Everything You Ever Wanted to Know About Applying for NIH Grants”, Nov. 2nd 7 - 8:30 am ET
- GREGoR Ancillary Session Nov. 2nd, 12:15 - 1:45 pm

## Agenda:

1. 12:15 Gathering and Conversation
2. 12:25 Dr. Ben Heavner Introductory Remarks
3. 12:30 Dr. Jennifer Posey “Unraveling the Complex Connections between Genomic Variation and Disease Trait Manifestation”
4. 12:55 Dr. Danny Miller “Expanding our understanding of human genetic variation through long-read sequencing of 1000 Genomes Project samples”
5. 1:20 Dr. Ben Heavner “Getting to know GREGoR Data in AnVIL”
6. 1:45 Adjourn

See our GREGoR at ASHG web page



Visit the GREGoR Poster: Poster Hall AB, Board Number: PB4711

Presentation Date/Time: Nov. 3rd 3-5 pm ET:

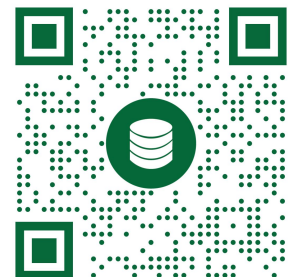
“Data sharing in the GREGoR Consortium to support rare genetic disease research”

- See all GREGoR abstracts on our GREGoR at ASHG webpage -

## GREGoR Data

Researchers can now apply for access to the GREGoR Consortium Dataset (R01) via dbGaP study phs003047

See the Data page on GREGoR's website



GREGoR release version	<a href="#">phs003047.v1.p1</a>
Release Date	Sep 1, 2023
Number of participants <sup>1</sup>	2512
Short read WGS	2438
Short read WES	997
RNA-seq	183
Number of families	990
Consent groups <sup>2</sup>	GRU, HMB
Genome build	GRCh38
GREGoR Data Model Version	<a href="#">1.1</a>
Size (TB)	72.9

### Most frequent HPO Terms in GREGoR Dataset:

- Global developmental delay
- Seizure
- Hypotonia
- Intellectual disability
- Muscle weakness
- Morphological central nervous system abnormality
- Bicuspid aortic valve
- Thoracic aortic aneurysm
- Microcephaly
- Abnormal cerebral cortex morphology