# GREGoR consortium

**G**enomics **R**esearch to **E**lucidate the **G**enetics **o**f **R**are Diseases

## GREGoR at ASHG 2025

**Join us at our Ancillary Session:** "Expanded multi-omic data from the rare disease-focused GREGoR Consortium"
**October 16th at 11:45 am - 1:15 pm in Room 102AB/Level 1**

**Agenda:**
**11:45 Gathering and Social time**
**11:50 Introductory Remarks,** Dr. Ben Heavner, Senior Research Scientist, University of Washington GREGoR Data Coordinating Center
**11:55 "AI-ready cohort allele frequency data from GREGoR using GA4GH Genomic Knowledge Standards",** Dr. Alex Wagner (VRS)
**12:20 "Genomics at scale with the NHGRI AnVIL",** Dr. Mike Schatz (AnVIL)
**12:45 "The Latest Data Release from the GREGoR Consortium",** Dr. Ben Heavner, Senior Research Scientist, University of Washington GREGoR Data Coordinating Center
**1:05 Q & A, Social time**

**Learn more & register here**



### Don't miss these presentations from our members:

**Featured Symposium:** *"From Data to Diagnosis: Advancing Rare Disease Research through Collaborative Genomics"*
**October 15th at 8:30 - 10:00 am ET in Room 210C/Level 2**

**Dr. Marsha Wheeler's Platform talk:** *"Sharing valuable rare disease and multiomic data through the GREGoR Consortium"*
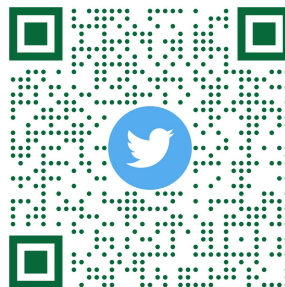**October 15th at 2:15 - 2:30 pm ET in Room 210C/Level 2**

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

## Connect with GREGoR online
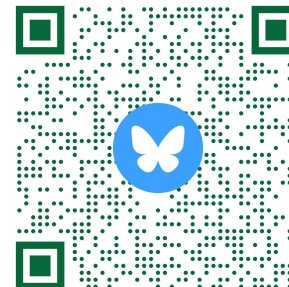
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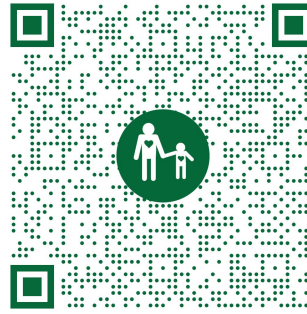


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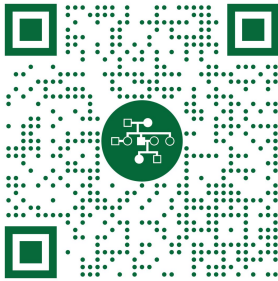
# GREGoR Publications

*The Marker Paper, GREGoR: Accelerating Genomics for Rare Diseases, has been accepted for publication in Nature!*

**Since 2021 (the GREGoR Consortium's inception), GREGoR publications have been cited in 2,784 papers** - scan the QR code to see our full list of publications.
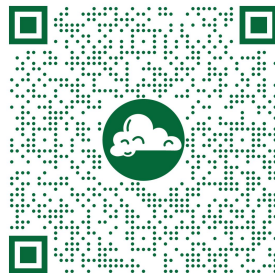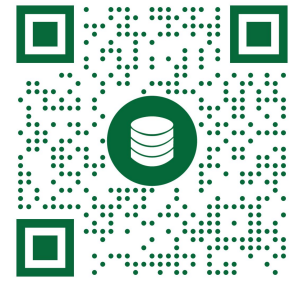
# GREGoR Data Resources
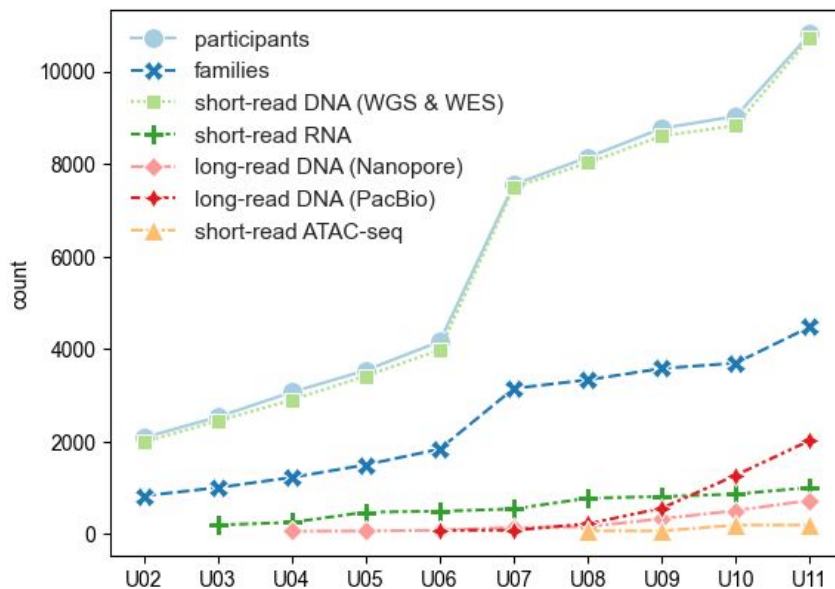
**The GREGoR Data Model**

**GREGoR Data via dbGap**

**GREGoR Variant Browser**

**About GREGoR Consortium Data**

## Growth of the GREGoR Dataset



Legend:
- participants
- families
- short-read DNA (WGS & WES)
- short-read RNA
- long-read DNA (Nanopore)
- long-read DNA (PacBio)
- short-read ATAC-seq

## Multi-omic Coverage in GREGoR



Legend:
- short-read WGS
- short-read RNA-seq
- long-read DNA
- short-read ATAC-seq

544, 794, 3284, 67, 163, 81, 204, 10, 3, 211, 0, 2453, 46, 0, 338, 0, 23, 6, 3