

## News, Announcements & Other SNPets

Season's greetings from Dr. Robert Green and the Genomes2People research team! Read on for an engaging podcast on genomes and sequencing, as well as updates on what we've been up to this fall.

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"Equipped with his five senses, man explores the universe around him and calls the adventure Science."

- Edwin Powell Hubble

### Podcast by After On's Rob Reid



Would you want to know your genetic risk for an incurable disease? Would you sequence your newborn infant? Would you share that information with your family, with scientists, or with the general public?

Listen to the <u>"After On"</u> podcast by Rob Reid, with Dr. Robert Green, on the pros and cons of having your genome sequenced.

### **Conference Craze**



Seven G2P members presented our science this October at ASHG in Orlando.

In November, Tiffany Nguyen presented an update on <u>REVEAL-SCAN</u> at "Discover Brigham", sharing enrollment progress in our study of amyloid imaging.

In December, at the Broad Institute, Carrie Blout described our work sequencing active duty military, and Robert Green spoke for the <u>PHG</u> <u>Foundation's</u> "Healthy Futures: Genomics and Beyond" conference in Cambridge England alongside Professor Dame Sally Davies, Chief Medical Officer for England.

# New Publication on Panel Testing vs. Whole Genome Sequencing



We conducted the first head-to-head comparison of whole genome sequencing (WGS) to multigene panel testing in patients with cardiomyopathy as part of the <u>MedSeq Project</u>. WGS detected nearly all variants that were identified on panel testing, discovered an additional finding that was missed on the panel, and allowed interrogation for newly discovered disease genes. For more, read the full paper here.

#### **Boston Understand Your Genome®**



Our 3rd annual <u>Understand Your Genome®</u> educational event had a record turnout, including our largest number of genomes sequenced and first diversity genomics panel. The panel, moderated by Jacquelyn Taylor, PhD, RN, discussed the importance of engaging underrepresented minorities in genomics research with Hannah Valantine, MD, MRCP, Tshaka Cunningham, PhD, and Anthony Johnson, MBA.

At the faculty dinner George Church, Misha Angrist and other speakers signed their books.

We appreciate the support of our conference sponsors: BioNano Genomics, Broad Genomic Services, Dolomite Bio, GenePeeks, Genome, Genome Medical, Genome Web, Helix, Illumina, KolGene, Metabolon, Microbiome Insights, Optalysys, Personalized Medicine Coalition, Qiagen, Qumulo, Sema4, uBiome, and Zymo.

### Support Genomes2People Research

Our program is dedicated to accelerating the responsible implementation of genomics into the everyday practice of medicine, but we are entirely dependent upon grant funding which only covers a portion of the costs of our research. Please consider including us in your holiday gifting!

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