**Minutes from AFGen call on November 9, 2016**

**Attending:**

|  |  |
| --- | --- |
| **AGES** |  |
| **AFNET/KORA** |  |
| **ARIC** | Alvaro |
| **CHS** | Susan |
| **WGHS** |  |
| **FHS** | Honghuang, Emelia, Josee, Kathy |
| **Gutenberg** |  |
| **HABC** |  |
| **Ship** |  |
| **Cleveland Clinic** | Jonathan |
| **WHI** |  |
| **Luric** |  |
| **Malmo** |  |
| **MESA** | Henry |
| **Rotterdam** |  |
| **MGH** | Steve, Carolina, Patrick, Mark, Seung Hoan, Olivia |
| **Prevend** | Bastiaan |
| **Prosper** |  |
| **Vanderbilt** | Dawood |
| **Korean AF network** |  |
| **Generation Scotland** |  |
| **Beat-AF** | Sebastien |
| **BioMe** |  |
| **ULSAM/Epihealth/ Pivus/Twingene** |  |
| **FINCAVAS** |  |
| **Heinz Nixdorf** |  |
| **DDCHS** |  |
| **Sao Paulo** |  |
| **Munich WTCC stroke** |  |
| **Metastroke** |  |
| **Geisinger** | Diane |
| **UCL** |  |
| **Mayo** |  |
| **PR interval** |  |
| **Estonia biobank** |  |
| **Copenhagen City Heart Study** |  |
| **Intermountain** |  |

**Agenda**

**New business**

* AFGen annual meeting on November 13 at AHA Scientific Sessions 2016
  + Location: Coquette, 2800 Magazine St, New Orleans, Louisiana 70115, phone 504-265-0421
  + 3-6 pm Central Time - Science discussion
  + 6-9 pm Central Time – Dinner
  + Last minute attendees – please call or email Emelia Benjamin immediately, cell 617-823-4418, [emelia@bu.edu](mailto:emelia@bu.edu)
  + Science discussion: A projector will be available to show slides. Genetic analyses and epidemiology analyses will be discussed (e.g. lifetime risk project). Please email Emelia if you want to present during this session. Scheduled presentations so far:
    - The druggable genome (JP Cases)
    - Feasibility of Sequencing in AF (Steve Lubitz)
    - Steve will also be giving a talk during AHA:
* HRC imputation and next AF GWAS
  + Compared to the AF 1000 Genomes project, the numbers of AF cases have doubled with the Broad AF project. The next step is to update the imputation of AFGen studies to the newest HRC reference panel, if feasible. An analysis plan was circulated last week. There are two servers (Michigan and Sanger) available to conduct prephasing and imputation. For imputation no computational resources are needed on premise at the specific study sites. A template to update the IRB (for approval of HRC imputation) was circulated to the consortium. In case of any questions regarding the analysis plan please write to Carolina [aroselli@broadinstitute.org](mailto:aroselli@broadinstitute.org) and Kathy [klunetta@bu.edu](mailto:klunetta@bu.edu).
* **AFGen annual meeting in 2017**
  + Since mainly cardiologists and few analysts visit AHA, the next annual AFGen meeting could alternatively take place in Boston or during CHARGE
  + These are the three possibilities:
    - Standalone AFGen meeting in Boston in Summer or Fall
    - AFGen meeting at CHARGE in NYC, either Wednesday March 22nd or Friday March 24th
    - AFGen meeting at AHA in Anaheim (CA) Nov 11-15

**Old business**

* Broad AF GWAS – Carolina/Steve
  + The HRC imputation is currently ongoing.
* The druggable genome – JP Casas
  + JP will be presenting this project at the AFGen annual meeting on November 13 at AHA
* Genetic Risk Score for Recurrence after AF Ablation - Ben/Steve
  + Waiting for the HRC imputation results from Broad AF
* TOPMED WGS project AF – Patrick/ Steve
  + Analyses are currently ongoing on data from first phase of TOPMED, including FHS as referents. Steve submitted an abstract at AHA on “Feasibility of Sequencing in AF”. A slide deck of the presentation will be distributed to all involved in the project.
* Project tables
  + Please email Patrick [ellinor@mgh.harvard.edu](mailto:ellinor@mgh.harvard.edu), Emelia [emelia@bu.edu](mailto:emelia@bu.edu), Ingrid [ICHRISTOPHERSEN@PARTNERS.ORG](mailto:ICHRISTOPHERSEN@PARTNERS.ORG) or Carolina [aroselli@broadinstitute.org](mailto:aroselli@broadinstitute.org) with any updates on the project table or if you are interested in participating with your study in specific projects.

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Please indicate your availability in the following doodle:

**Next call:** November 23, 2016