**Minutes from AFGen call on January 11, 2017**

**Attending:**

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| --- | --- |
| **AGES** |  |
| **AFNET/KORA** | Moritz |
| **ARIC** | Alvaro, Dan |
| **CHS** | Susan |
| **WGHS** | Dan |
| **FHS** | Emelia, Kathy |
| **Gutenberg** |  |
| **HABC** |  |
| **Ship** | Tim |
| **Cleveland Clinic** |  |
| **WHI** |  |
| **Luric** |  |
| **Malmo** |  |
| **MESA** | Henry |
| **Rotterdam** |  |
| **MGH** | Patrick, Steve, Carolina, Mark, Lu Chen, Olivia |
| **Prevend** | Bastiaan, Joylene |
| **Prosper** |  |
| **Vanderbilt** | Ben |
| **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:**

* MR heart rate and AF – Michiel/Bastiaan/Joylene
  + Presentation by Joylene
  + HR stratified analyses because want to identify potential U-shaped association between HR and AF
  + **Susan will connect Michiel’s group with the ECG group so that they can identify potential overlap**
* **Action item for next call: Discuss when it is appropriate to have two different sites perform the meta-analysis in an AFGen project and when it sufficient that one site performs the analysis.**
* MR on PR-interval and AF (enclosed document) – Michiel/Bastiaan/Joylene
  + Presentation by Joylene
  + Discussion regarding aim 2 – is there a clinical benefit of analyzing the estimated influence of AF on PR interval elongation risk?
  + Confounded by medication that influences the PR-interval and that you can only analyze the subset of individuals with paroxysmal AF with a PR-interval after onset of AF
  + **Bastiaan and Joylene will discuss with their group – pick back up on this on the next** call
  + **Connect with the ECG group to identify potential overlap**
* AF XO1 application for WGS in EOAF – Patrick
  + Application to NIH for more early-onset AF WGS - Deadline next week
  + Look at how many samples available for omics including WGS
  + Would be happy to include any other cohorts with early-onset AF
* Lookup request from Cristen Willer re AF GWAS in Norwegians – Patrick
  + Cristen Willer - Investigator at University of Michigan
  + Studying the genetics of AF in the Norwegian HUNT study (6K AF cases)
  + Completed a GWAS – identified 2 AF loci (TTN – also in our study; one other locus that is not significant in the 1KG study, but that will come up in the Broad GWAS)
  + Request to do a lookup in the UKBB unpublished AF GWAS data for replication of these two hits. We are hesitant to release unpublished data that could potentially harm our own manuscript, which is under review at the moment.
  + Would like to invite the group to join our consortium for future analyses
* Release of AFGen results upon publication
  + Spirit should be that we release the data upon publication
  + Pick up on this item and which mechanism to use for release of data on on our next call

**Next call:** January 25, 2017