

## IMpACT TC on December 8 2016

Present: Andreas, Henrik, Claiton, Steve, Alejandro, Jonna, Stefan, Nina, Alysya and Angelien

### Agenda:

1. Update To-do-list
2. Update projects
  - a. Release of PGC-iPSYCH GWAS MA, Update
  - b. Progress adult ADHD GWAS MA (Marta)
  - c. News projects plans 2016 from different sites
  - d. Update on additional exciting new results coming from individual IMpACT labs to be shared prior to publication (all)
3. Plans for 2017
4. IMpACT symposia at conferences 2017
5. Others

### **1. To-do-list**

1	Polygenic analysis: It is decided that we will finish the analysis and wait with adding samples from the UK biobank and making new plans until more data are available.
2	As discussed during the TC, Claiton will send a revised and shortened version of the previously sent document, inviting IMpACT partners to collaborate on a pharmacogenetics study and listing which specific measures he would be interested.

### **2. Update projects**

- a. Release of PGC-iPSYCH GWAS MA: Meta-analysis is distributed, this is for 99% the last version of the analysis. When the analysis is complete summary statistics will be sent to all users.
- b. Progress adult ADHD GWAS MA( Marta): not present; therefore, no updates
- c. News from projects plans 2016 from different sites and **3. plans for 2017:**

#### Netherlands: Alejandro

Meta-analysis of the adult ADHD GWAS-MA (from Spain) and SAGA (adult ADHD traits in the population): We wait for the results from the adult ADHD GWAS and then we will continue with the analysis.

Microbiome project with Brazil and Spain: collection of feces not yet started but the preparation and the paperwork is ongoing.

Microbiome in 2017: Eat2beNICE until the moment of this meeting no news *but we all now know that this 12 million project is accepted. Congratulations Alejandro.*

IMpACT NL will include collection of feces

Cooperation with a private clinic in the Netherlands to enhance the sample size.

#### UK: Jonna

MiND - Polygenic prediction: Nicoletta Adamo is working on this project and she has presented her results in the Eunethydis meeting in the Berlin.

Swedish registry data with Henrik is ongoing, there are ADHD data available from individuals at the age when they start at school.

In 2017 they will continue with the use of Swedish registry data for different projects within IMpACT. ( follow-up studies)

SIPA: Study of Adult women with ADHD and bipolar, they have some overlapping impairments and some non-overlapping impairments

USA: Steve/Alysa

PGC3 is funded. If people have no data analyst in Europe, data analyst in USA can help.

If you are interested in the method to measure malingering in ADHD you can contact Steve.

Information on teens and adults with imaging (structural/functional) data: Alysa will send a brief summary of ongoing project and plans.

Sweden: Henrik

Is busy with epidemiological studies related to MiND and CoCA. Henrik is also very pleased with IMpACT network and encourages IMpACT people to use Swedish registry data.

Cooperation with Jonna on a study on genetic overlap of ADHD and obesity

Norway: Stefan

Exome chip data published in Molecular Psychiatry

Start with the analysis of the mother/child cohort and developing novel methods to look at trio data.

Germany: Andreas

CoCA has started and is ongoing

Work on cell models in MiND,

Expand on bipolar disorders and ADHD overlap e.g. lithium response genes is ongoing

Brazil: Claiton

Acquisition of neuroimaging data from adults with ADHD has started

For 2017, plans a pharmacogenetics meta-analytic study in collaboration with IMpACT members. Will shortly send more information on that.

**4. IMpACT symposia at conferences 2017**

Vancouver: Who is going to Vancouver? Please notify Barbara and Angeli

World Congress of Psychiatry, Berlin, October 8-12 2017: Andreas would like to organize a symposium on the neurobiology on ADHD; please let Andreas know before mid-January if you are interested.

World Congress of Psychiatric Genetics, Orlando, October 13-17 2017: Steve will try to put a symposium on Adult ADHD on the program of this conference.

Other conferences, please let us know if you would like to organize a symposium at a congress.

**5. Others**

	What	Who	Deadline
1	Claiton will send a revised and shortened version of the attached document, inviting IMpACT partners to collaborate on a pharmacogenetics study and listing which	Claiton	Next meeting

	specific measures he would be interested		
2	Alysa will send a brief summary of ongoing project and plans.	Alysa	Next meeting

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