

## Summary IMpACT TC 14 December 2017

**Present:** Claiton, Marta, Angeliem, Steve, Paula, Nina, Heike, Oliver Grimm, Jan H, Jonna, Peter, David Slattery, Barbara

### Agenda IMpACT:

1. Update To-do-list
2. Update projects
  - a. progress IMPACT ADHD GWASMA (Marta)
3. New plans
  - a. ITNs in preparation: updates from coordinators of TITAN and EmINeNT!
  - b. Preparations for the comorbidity call
4. IMpACT Meeting 2018 (Henrik)
5. Other points

### To-do list IMpACT

	What	Who	Deadline
1	Ideas for the combined PGC and iPSYCH meta-analysis. Marta has sent the presentation IMpACT analysis on ADHD adults	All	Agenda point 1
2	Collection of available IMpACT data. Claiton has sent the proposal for pharmacogenetic studies in adults with ADHD. Andreas has available data, Heike will look in to the German data for outcome on pharmacogenetics. Jan H has also data. The proposal will be sent to the hands-on persons to check the data set of their country.	Claiton	Next meeting

### Update projects

#### 2a progress IMPACT ADHD GWASMA (Marta)

Marta has explained the presentation, and everybody is excited about the results. The genetic correlation between the IMpACT GWASMA and the PGC-ADHD/iPSYCH GWASMA is estimated in  $R_g=0.8478$  (note from the software: this value can be inflated due to the amount of sample overlap). The group is currently working on the children GWASMA of 12.000 cases and 17.000 controls. We have discussed the follow-up plan, and Marta will send this to all IMpACT members.

#### 3. New plans

##### a. ITNs in preparation: updates from coordinators of TITAN and EmINeNT

- David: TITAN  
ITN is on animal models, rats, cells and clinical data. In this ITN there are 3 work packages (WP): WP on Microbiome and risk factors, WP on novel targets based on the outcomes of Aggressotype – e.g. focus on RBFOX1 and aggression and impulsivity, and a WP on imaging genetics. Deadline January 17. Draft will be sent before Christmas to all participants.
- Barbara: EmINeNT!  
ITN on the continuum from traits in population into neurodevelopmental disorders as extremes of this distribution. Focus on ADHD, ASD, and ID. In this ITN, there are WPs on an evolution perspective, looking at brain, cellular and genetic levels, and on modeling

the continuum. Dissemination is a very important part as well, and is placed in a WP on 'impact'. The aim of the dissemination plan is to step out of the ivory tower, e.g. by the ECRs giving lectures at schools, doing secondments at science-promoting organizations and at patient organizations, and having contact with journalists. Progress is going well, early next year it will be sent around for communication.

Jonna: Budget problems KCL will be solved.

**b. Preparations for the comorbidity call**

Barbara talked with Catharina Hartman, who agreed to lead this. It will be around the continuum idea, disease-specific genes, cellular fitness genes, and brain-specific genes that fit into the comorbidity plan.

**4. IMpACT Meeting 2018 (e-mail Henrik)**

Suggestion of Henrik to plan this from 2-4 of May in Orebro (2h from Stockholm), in a nice venue, near a castle. Angelién will send a doodle.

Preliminary plan: The first day (May 2<sup>nd</sup>) should only have one scheduled event and that is the dinner and smaller group meetings is possible, depending on when people arrive.

The second day (May 3<sup>rd</sup>) will be packed with meetings/discussions/presentations followed by dinner in the evening. Day three (May 4<sup>th</sup>) will be meeting/discussions/presentations from 9.00 to 12.00, followed by lunch.

	<b>What</b>	<b>Who</b>	<b>Deadline</b>
1	Ideas for the combined PGC and iPSYCH meta-analysis . Follow-up plan.	Martha	Next meeting
2	Collection of available IMpACT data. Claiton has sent the proposal for pharmacogenetic studies in adults with ADHD. The proposal will be sent to the hands-on persons to check the data set of their country.	Angelién	Next meeting
3	Annual IMpACT meeting on 2-4 May 2018 Orebro Doodle	Angelién	Next meeting