

Summary IMpACT PI meeting 10 September 2015

Present: Olga, Jan Haavik, Alysa, Jonna, Stefan, Bru, Barbara, Angélien

Agenda:

1. To-do-list
2. Update from ongoing projects:
 - a. ODD/CD paper (Jan/Stefan)
 - b. Exome chip paper (Jan/Stefan)
 - c. Personality analysis (Toni, Claiton)
 - d. DRD5 meta-analysis (Barbara)
 - e. LPHN3 meta-analysis Arcos-Burgos group (Barbara)
 - f. Proposal (Bru)
3. Update on internet-based testing (plans with budget ECNP Network)
4. Special issue AJMG-B published (see attachment)
5. Update on IMpACT Brazil Meeting (Claiton)
6. Dissemination – presentations/symposia at conferences to come (see attachment)
7. Website IMpACT
8. Extra

1. To-do-list

Agenda point	Task	Who	When
1	Harmonizing and filling the gaps in the IMpACT database: access to the database for all hands-on people	Angélien	9 th of July done
2	Set-up of internet-based testing	all	Agenda point 3.
2	Look at the website test my brain.org and send feedback.	Alysa	Before next meeting
3	DRD5 meta-analysis: Link between genetic ID's and the international ID.	Martine	Done, supplement agenda

2. Update from ongoing projects:

- a. *ODD/CD paper (Jan)*
Currently busy with revision of the paper. Tetyana coordinates the genetic part.
- b. *Exome chip paper (Jan)*
Exome chip paper is almost finished. The question is how to connect the findings with the ADHD-BPD overlap paper of Alejandro/Andreas. This paper

is also being finished. The contact with the PGC Bipolar group is difficult. The group of Andreas need to do some bioinformatic work. Tetyana has sent an email to Philip for the Materials and Methods part, but has not received a response yet. She will also send an email to Lena.

c. *Personality analysis (Toni, Claiton)*

Not present

d. *DRD5 meta-analysis (Barbara)*

Marieke Klein has analysed the DRD5 results with and without the USA samples. The sample size from the USA was very small, this created a HWE problem. Stefan asks if they can check the genotypes again to be sure that the coding is correct. Marieke will send Stefan the data. Marieke will check the frequency counts again to make sure that the alleles called in the same way for every country.

DRD5 has no effect on adult ADHD in contrast with the meta-analysis done on children. Write this up as a short letter. Plan b: to look if DRD5 has a persistent effect on brain structure.

e. *LPHN3 meta-analysis Arcos-Burgos group (Barbara)*

The IMPACT group is willing to cooperate. Barbara will also ask if it is possible for every lab to do the analysis themselves so that nobody has to send data; we will be included as co-authors.

f. *Proposal: shared/specific genetic basis of ADHD and ASD (Bru)*

Steve and Bru are co-supervising a PhD student who is working on the shared/specific genetic basis of ADHD and ASD, using the PGC data. Their focus will be on specific groups of genes (mainly microRNAs, mitochondria and endosome trafficking). They have already produced a list of SNPs covering all microRNAs in the genome (>1500) and are waiting to gain formal access to the PGC data. Until this happens, they would like to run a 'pilot project' by testing these microRNA SNPs in adult ADHD data. In Barcelona, Marta and Toni have around 1000 GWASed cases and 1000 controls.

Who would like to join? Not everybody can send raw data. Is it possible to distribute a protocol and let the analysis be done by each group, just send the summary statistics. Bru will discuss this and send a list of the miRNAs.

3. Update on internet-based testing (plans with budget ECNP Network)

A part of the money within the ECNP Network will be used for a manager. The task of this manager will be to help us with making decisions regarding selection of the questionnaires and tasks for internet based testing and the translation of the instruments. Marten Onnink will be appointed as manager, if the budget is approved.

4. Special issue AJMG-B published (see attachment)

IMpACT logo is on the front of the Special Issue. The general thought is that this will give us more publicity.

5. Update on IMpACT Brazil Meeting (Claiton)

Not present

6. Dissemination – presentations/symposia at conferences to come (see attachment)

Barbara has made an list of the congresses interesting for the IMpACT group. Barbara will add links and deadlines to make the table more complete.

7. IMpACT website

Janneke and Angeliën have updated the IMpACT website. They would like to have pictures with information from all hands-on people and they would like to add information on the special interest of every group within IMpACT to the website. Angeliën will send an email to all hands-on people.

8. Extra

CoCA: Please contact your national EU contact person and ask if they know whether there is another project on mental health in PHC-3. If not, than we can add this to our letters to the EU.

New To-do-list

Agenda point	Task	Who	When
2b	Exome chip paper. Send information on UK sample to Tetyana	Phil	asap
1	Look at the website test my brain.org and send feedback.	Alysa	Before next meeting
2d	Send Norwegian genotypes to Norway for checking	Marieke/Barbara	Before next meeting
6	Dissemination – presentations/symposia at conferences to come (see attachment) Updating table with deadlines and links	Barbara	Before next meeting
7	IMpACT website: Send an email to all hands-on people	Angeliën	asap