

## **Summary IMpACT PI meeting November 14, 2013**

### **Present:**

Jan Haavik, Bru Cormand, Toni Ramos, Andreas Reif, Claiton Bau, Stefan Johansson, Barbara Franke, Alejandro Arias Vasquez, Angelien Heister

### **Agenda:**

1. Update to do list last meeting
2. IMpACT website
3. IMpACT contract
4. Update of IMpACT database
5. ECNP network proposal
6. Ongoing projects:
  - a. GWAS (Spain)
  - b. Exome chip (Stefan/Jan)
  - c. CDH13 (Alejandro)
  - d. DRD5 (Barbara)
  - e. Personality analysis (Alejandro/Toni/Claiton)
7. Other points

### **1 Action points, see last point.**

### **2. IMpACT Website**

Suggestions for the website, adding brain pictures and clinical pictures. If you have pictures which can be used for the website, please send them to Angelien. For the collaboration part Angelien still needs to receive a picture and a description of their profile of all IMpACT members. Please also send her links to related websites. Barbara advises all members to open the website regularly, as this will result in a higher ranking of the website, which will make that it is more easily found.

### **3. IMpACT contract**

All members need to approve changes made in the contract every time we make any, so everybody has to sign again. Also, the representatives of the university have to sign, it is not enough to have the department head sign. Barbara will follow up with an adapted version of the contract.

### **4. Update of IMpACT database**

The database has been removed from the website. As was decided in the London meeting the database will be updated once a year by Janneke Dammers, she will shortly send you an email to update the database with your samples and will ask you some extra information as discussed in agenda point 6a and 6c.

For future projects and collaborations it will be good to get an overview of all available exome chip, GWAS and NGS data within IMpACT so that we know which samples in the database have which data.

## 5. ECNP network proposal

There are more candidates for the networks and ECNP will make a decision depending on the budget. Barbara has asked for a deadline, no answer yet.

## 6. Ongoing projects

### A: GWAS (Spain)

- Spain has received comments on the paper draft from the different sites. Suggestions to add to the paper are: e.g. gene pathway analysis, polygenic analysis, in silico replication in additional samples. Norway has GWAS data from 500 adults (250 cases, 250 controls, but these samples were part of the replication sample), UK from approx. 100 young adults (follow up of the IMAGE sample), and the Netherlands also from 100 young Adults (follow up of the IMAGE sample). The idea is to make an inventory of all GWAS data available within IMpACT and see what this can add to the paper. Bru will discuss this proposal with Marta and Toni.

### B: Exome chip (Stefan)

- Data from Dutch controls are coming next week. Tetyana has worked on the fine-tuning of the algorithms for variant calling and will make a table for replication. Stefan will send the table when ready. Data from Brazil is lacking, but apparently genotyping has not yet been performed. Andreas has contact with Mannheim, who indicated that they also have sent samples to the Broad, Andreas will look into that.

### C: CDH13 (Alejandro)

- How to combine the data available from the CDH13 analysis in a publication? Alejandro suggests to start with the CDH13 data from the imputed GWAS analysis (for this we need a better overview of the samples for which there are GWAS data available), then show the exon-tagging data from the 50-SNP genotyping project in Germany, and then show the exon chip data on rare variants (8000 samples). The idea is to get a overview of the potential effects of all types of variation in this gene. Hopefully, there will areas that are implicated by several approaches.
- Jan Haavik suggests to consider a collaboration with George Uhl, who has done a lot of work on CDH13 in substance use disorders.

### D: DRD5

- All samples are there and Stefanie, the master student who visited us from Würzburg, is busy with the preparation of the final meta-analysis. For this analysis the cases of Phil may not be used, as we do not have any control samples.

### E: Personality analysis

- Alejandro has talked to the authors of the instrument that can be used to harmonize the different personality questionnaires. We are allowed to use the instrument confidentially, no distribution to other groups is allowed prior to publication of the main paper. We also will have to wait with publishing our data until the main paper is published. This paper is currently under review. Alejandro will send the paper to Toni and Claiton but again, this is confidentially.
- Toni, Claiton and Alejandro will review the paper, discuss a design for the IMpACT personality publication, and will report at the next meeting on how to proceed with the analysis.

## 7. Other points

None.

## Action points

Agenda point	Task	Who	Deadline
2	Website: send text about your site and its IMpACT members to Angelién, and send interesting links to be added to the website	All	Before next meeting
2	Open website regularly to improve ranking	All	Continuously
3	IMpACT contract update	Barbara	Asap
4, 6a and 6c	Send out IMpACT database for updating, add columns for extra information	Barbara, Janneke	Before next meeting
6b Exome chip	Exome chip: Mannheim data to be sent from Broad to Bergen	Andreas	Asap
6b Exome chip	Distribute table with findings	Stefan	Asap
6e	Send paper with harmonization instrument of personality questionnaires	Alejandro	Asap
6e	Decide on design of IMpACT personality paper	Toni, Claiton	Before the next meeting