

## Summary IMpACT PI meeting December 12, 2013

Present: Jonna, Andreas, Alysa, Alejandro, Barbara, Steve, Claiton, Angelien

### 1/2 Update to do list last meeting/IMpACT Website

Angelien has received contact information and a short tekst where every member introduce themselves and the research related to IMpACT but not from everybody. Angelien will send everybody from whom she didn't receive any information an e-mail. Also suggestion for not related genetic pictures are welcome

### 3.GWAS inventory in IMpACT:

- a. Irwin Waldman: gene-wide GWAS- share data or summary statistics.

The IMpACT consortium has not enough samples for a gene-wide GWAS. The solution would be to share data or summary statistics with Irwin Waldman but the data of the IMpACT group is already In the PGC database. Barbara will send an e-mail to Irwin.

In the proposal of Irwin Waldman we should include data ODD an CD phenotype, this is not available from all patients. Steve asked is retrospectively analysis of these phenotypes in adults possible

- b. In silico replication GWAS Spain. Bru GWAS paper stays as it is no extra data will be add  
c. CDH13 We should start to perform the imputation with the same protocol, (use the same reference). Alejandro will send a protocol.

### 3d/4 Replication proposal and Proposal Claiton

Jan, Stefan and Klaus-Peter Lesch agreed to the proposal and all members present in this meeting are interested in the replication of the findings for several interactions studies Claiton has found.

### 5. Personality analysis

Claiton will prepare a list of phenotypes needed and add a short sentence of research question/hypothesis. In this proposal harmonization of the results from different statistics and questionnaires across more studies is applied for all variables, comorbidity and genetic analysis will be included.

*(Personality with comorbidity ( NGH( USA) has TCT data. ADHD serverity and comorbidity. Harm avoidance, extraversion, combining extraversion, making new variable)*

### 6. Ongoing Projects

- a) Exome chip: The dutch controls arrived.  
b) Others,

#### 1. AS3MT, proposal Barbara

A student Anais Harneit has find for the CDG SNP in AS3MT (rs11191454), which is linked to an altered activity of the encoded enzyme involved in arsenic metabolism, an effect on basic reaction time. Barbara would like to replicate the neuropsych finding for basic reaction time in another adult sample We would like to replicate the neuropsych finding for basic reaction time in another adult sample. From the participant Barbara needs the baseline reaction time( as described in the mail), the genotype/or the DNA for genotyping and age and gender. No one has samples but with baseline reaction time. A suggestion is to look at the other task related to baseline reaction time.

Barbara will get in touch with Alysa about Neuropsychologic GWAS consortium involve Jonna, Anna, Toranto They will look at the reaction time data to find out if data from different sites are comparable with each other.

2. NOS1: Andreas is busy with the analysis
3. DRD5 genotyping Uk samples and data analysis is ongoing

7. IMpACT meeting:

a. 2014: attach to Aggressotype, ECNP or WCPG or stand-alone meeting.

Not possible via the Jakobs Foundation. The meeting has to be related to children.

b. 2015: Brazil

Meeting in Brazil. What are the possibilities to require funding/ enquire finance because an airticket to Brazil is very expensive.

8. Other business

Database update will be finished in January. In January the freeze database will be send by Janneke

Agenda point	Task	Who	Deadline
2	Website: send text about your site and its IMpACT members to Angeliem, 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	Done some already in, some in January
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
5	Claiton will send a list of phenotypes and add short sentence of research question/hypothesis	claiton	Before next meeting
6b1	Neuorpsych GWAS consortium	Barbara, Jonna, Alysa	Before next meeting

