

Minutes IMpACT TC on September 8 2016

Present: Toni, Jonna, Bru, Andreas, Alys, Barbara, Nina, Philip, (Jan), and Angeliën

Agenda:

1. To-do-list
2. Update projects
 - a. Progress adult ADHD GWAS MA (Marta)
 - b. News projects plans 2016 from different sites (see below)
 - c. Update on additional exciting new results coming from individual IMpACT labs to be shared prior to publication (all)
3. SOP phenotype clinical studies as part of CoCA and IMpACT (Andreas)
4. IMpACT Meeting 2017 – dates and planning
5. Others

To-do-list

	What	Who	Deadline
1	Personal reminders for sending data on the adult ADHD GWAS project	Marta	Next meeting
2	Send an email to all hands-on people for the update of the website. done	Angeliën/ Janneke	Next meeting
3	Send an e-mail to ask for participation in epigenetic analysis	Barbara	Next meeting
4	Harmonizing phenotypic data, send e-mail	Andreas	Next meeting

Ad 1. To-do-list

1. Short summary from Spain: they received data from The Netherlands and Spain, Brazil has problems with the analysis of the PsychChip, Norway pending, next week probably. IPsyCh, poses conditions on participation – they will only allow publication when ADHD-GWAS is published or if a major author-group will be included in the publication. We decide to wait and go for a preliminary analysis in IMpACT only to see what we get. Therefore it is important to send Marta the samples soon.
3. New assay is coming out, but there is no information about this yet. In small pilot in NeuroIMAGE, Barbara found strong signals for the comparison of remitters and persisters – one of the top-genes is APOB. Barbara also is performing analyses with the group of Dorret Boomsma on adult ADHD symptoms in the population (n=2500).
4. Standard phenotypic protocol for the inclusion of ADHD patients; the aim is to get the maximum out of IMpACT. Protocol will also be sent to the Hands-on people.

Ad 2. Update projects

- a) Progress adult ADHD GWAS MA (Marta) SEE TO-DO-LIST 1

- b) News projects plans 2016 from different sites:
- UK: Setting up a better relation between researchers and the clinic. Results of a project in cooperation with the UK Biobank will be presented by a student of Jonna's during Eunethydis meeting. Jonna is trying to get ADHD related question into the survey of the UK Biobank.
 - Alysa US: New project ADHD light phenotype.
 - Barcelona: MiND study, epigenetics (analysis of SNPs with differential methylation) and Amrinders project on rare variants in adult ADHD. Also working on Neanderthal versus homo sapiens to find new ADHD genes. Microbiome analysis, from 40 patients for pharmacological analysis, transcriptomic, and proteomic samples/analyses.
 - Germany: Working on the Grant proposals, (Eat2beNICE). For CoCA project, gearing up for starting inclusion, also pharmacological neuroimaging study is to be performed. For MiND, working on the celmodels. Together with industry and hospital, prevalence of ADHD in people, who have had an accident, and trial searching for biomarkers for methylphenidate response. Screening ADHD patients for conversion to bipolar disease. This is an extension on the ADHD/Bipolar study.
 - Nijmegen: Nina joined Nijmegen group and IMpACT-NL, epigenetics work (see above), stem cell model: protocol for the differentiation of iPSC cells into dopaminergic neurons is working. There is a difference between mutant MAOA cells and controls in dopamine response, and this is confirmed with electrophysiology. The two top findings of Marieke Klein's project on the overlap between ADHD and ID genes are being analysed in Drosophila with a new attention assay and the hyperactivity/impulsivity assay. Grant Eat2beNICE submitted.
 - Bergen: 11000 Moba samples are going to be used for studying dimensional trades, project of Teytana. Grant Eat2beNICE, MiND Projects.
- c) Update on additional exciting new results coming from individual IMpACT labs to be shared prior to publication (all)
None in addition to the above.

Ad 3. SOP phenotype clinical studies as part of CoCA and IMpACT (Andreas)

See To-do-list, item 4

Ad 4. IMpACT Meeting 2017 – dates and planning

IMpACT 2017 in Nijmegen – our 10-year anniversary. Outside of the holidays, including a dinner, Angeliën will send out a Doodle.

Ad 5. Others

ECNP NETWORK meeting: Only 8 people will attend the meeting in Vienna. Still, our ECNP Network is viewed as important.

To-do-list

	What	Who	Deadline
1	Send data for the adult ADHD GWAS project to Marta	Brazil, Norway, Germany	Next meeting
2	Planning a date IMpACT 2017 – set up a Doodle	Angeliën	Next meeting