

## IMPACT TC meeting 10<sup>th</sup> of March 2016

**Present:** Heike, Steve, Jonna, Nina, Angelien and Alejandro( chair)

### Agenda:

1. To-do-list
2. Update projects
  - a. RNA-project Spain (Marta)
  - b. Personality study (Claiton/Toni)
  - c. Adult ADHD GWAS MA (Marta)
  - d. Microbiome projects (Alejandro)
  - e. Others
3. Update on exciting new results coming from individual IMPACT labs to be shared prior to publication (all)
4. International internet-based testing platform to measure ADHD across the lifespan (Nina)
5. Internet-based testing platform (ECNP-Network) – security (see document attached)
  - a. Registered data processor under the UK data protection act.
  - b. End to end encryption (ensures compliance with the strict data protection legislation covering sensitive personal and medical data in the UK, Europe and the USA)
  - c. No claim of the intellectual property associated with any assessments or questionnaires distributed using Psytools.
6. Monthly IMPACT TCs (Andreas)
  - a. Should we open up the IMPACT TC every second month for all ECNP Network members during the second 30 minutes of the TC?
7. IMPACT meeting 2016
  - a. Planning was to hold meeting in autumn in Stockholm or that we would try to fit it in with other meetings, which are:
    - i. ECNP Network ADHD across the lifespan Meeting in Vienna (most likely Saturday **September 17** – based on Doodle replies)
    - ii. ECNP TNM in Vienna, **September 23**
    - iii. Eunethydis International meeting in Berlin, **October 17-19** ( please see <http://www.eunethydisconference2016.com/>)
    - iv. (WCPG 2016 in Jerusalem, **October 30-November 3**)
    - v. Aggrosotype GA + CoCA SC meetings in Nijmegen (**somewhere first half of November**)
8. Representation at meetings
  - a. Symposium/talks at Eunethydis? BF sent e-mail to program committee
  - b. Other?

### 1.To-do-list

		who	Deadline
1	Marta will send results comparisons of RNA isolation	Marta	Done ( Email 15/3/2016)
2	Plans 2016: please send your plans to Angelien	Brazil	Done and received
3	Login Website to all IMPACT members via hands-on people. Done. Janneke asked also if other employees working on Impact should also receive a login. Until now no	Angelien/ Janneke	Done

	response. Janneke will send a reminder		
4	IMpACT meeting 2016 in combination with Aggressotype? check availability. See point 7	Angelien	Next meeting
5	Security measures Delosis send to all IMpACT members, they might be needed for ethics application at several sites	Angelien	Done

### Plans Brazil 2016

- 1) Acquisition of neuroimaging data from adults with ADHD
- 2) EAT2BNICE (Nutrition/Microbiom project coordinated by Alejandro)
- 3) Gene-level and pathway analyses of ADHD symptoms in adults with ADHD (are being performed by Nina together with the Dutch site)
- 4) Progress on merging and analysing Personality data across IMpACT sites
- 5) Analyses on differences between Persistents vs. remitters – neuroimage, genetics, neuropsychology
- 6) Pharmacogenetics – focus on the role of clinical heterogeneity, starting plans for GWAS and replications in other sites

### 2.Update projects

#### A. **RNA project** ( Marta, see also info send by mail)

As mentioned in Brazil Marta is recruiting medication-naive adults with ADHD and controls and have detected differences in gene-expression profiles depending on the blood extraction protocol used. Given these results, Marta is now following the second protocol and use CPT tubes for blood collection plus a total RNA (including small RNAs) isolation kit from Qiagen

#### B. **Personality study** (Claiton/Toni)

The TCI and the NEO instruments were already available in Portuguese and the ZKPQ has now been translated by members of the group as a preliminary/testing version. The 3 instruments are being applied to a population sample (mostly graduate students) as a pilot study in order to evaluate possible analytic approaches.

#### C. **Adult ADHD GWAS** no news

#### D. **Microbiome project:** The collection of faeces started in Spain and Brazil. Behavioral data are also collected . The collection method and analysis method needs to be standardized. The Netherlands will serve as replication cohort. Suggestion is to use the IMpACT people from the Psych for the validation of the microbiome results

#### E. **Other Nina**

Last TC , January 14<sup>th</sup> Jonna has introduced her new study on the comparison of parent-reported with self-reported ADHD scores. She asked if there was such information present in the IMpACT database.

Nina mentioned that in Brazil they have retrospective data from adult patients about their childhood, both in self-report and in informant-report formats (informants are usually parents/mother). They also have data for current ADHD symptoms as self-report and informant-report (for adulthood, informant are usually the spouse or co-worker). They have published a paper evaluating the self- and informant- concordance: Breda et al. Does collateral retrospective information about childhood attention- deficit/hyperactivity disorder symptoms assist in the diagnosis of attention- deficit/hyperactivity disorder in adults? Findings from a large clinical sample. *Australian & New Zealand Journal of Psychiatry* [in

press] .Jonna is very happy with this dataset, Nina already sent the cited paper to her and they will soon get in touch again..

### **3. Update on exciting new results coming from individual IMPACT labs to be shared prior to publication.**

In Brazil this agenda point was ( see summary Brazil)

*Several groups have published nice papers on IMPACT-related subjects individually, that others were not aware of. It could be beneficial to share the results or plans with the IMPACT members. We could then find out whether others also have data that could be used, which could improve power and impact of a publication. Sometimes there are good reasons not to include data from other sites, and this fine also, of course, but it might be good to inform the other sites after all. We decide that we will create an item on our monthly TCs to share results/paper plans.*

The aim of this agenda point is not to review the paper again but to improve the paper by extra input and knowledge from other sites, to share data. The hands-on people should be involved in this agenda point. Before every TC Angelien will ask the hands-on people for input for new exciting results or a draft version of a new paper.

### **4. International internet-based testing platform to measure ADHD across the lifespan.**

- Translation of the task battery into Portuguese is included in the project plan.
- Some measurements are not translated according the WHO standard. This is not a requirement for publishing the project. It would be ideal but if not then a less stringent translation will be OK. (who will check this, Steve?)

### **5. Internet-based testing platform (ECNP-Network) – security (see document attached)**

Information about the security measures

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- C. No claim of the intellectual property associated with any assessments or questionnaires distributed using Psytools.

### **6.Monthly IMPACT TCs**

Should we open up the IMPACT TC every second month for all ECNP Network members during the second 30 minutes of the TC? To be discusses on the next TC

### **7.IMPACT meeting 2016**

Planning was to hold meeting in autumn in Stockholm or that we would try to couple it with other meetings, which are:

- i. ECNP Network ADHD across the lifespan Meeting in Vienna (most likely Saturday **September 17** – based on Doodle replies)
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Angelien will send an email with the question if we would like to have an IMpACT 2016 meeting or if we would like to combine this with another meeting and which of the above meetings is the most suitable on or the most preferable one. We would need to determine (empirically) how many IMpACT members will be at which meeting and use that info also to help us decide where to have out IMpACT 2016 meeting.

**8.Representation at meetings**

Symposium/talks at Eunethydis? BF sent e-mail to program committee

Barbara will let you know if there will be time available for an IMpACT session or IMpACT presentations during this symposium

**Please let us know if you cannot join the TC, if possible one day before.**

To-do-list.

		who	Deadline
1	Marta has sent results comparisons of RNA isolation. Questions or suggestion to Marta	All	Next meeting
2	Janneke asked also if other employees working on Impact should also receive a login. Janneke will send a reminder	Angelien/ Janneke	Next meeting
3	IMpACT meeting 2016 yes or no or in combination with other meetings . Angelien send an email.	Angelien	Next meeting
4	Representation Eunethydis Barbara send an email.	Barbara	Next meeting