



Donders Institute
for Brain, Cognition and Behaviour



Goals, strategies and 2014 priorities

Radboud University Nijmegen





IMpACT goals and 5-year strategies

Goal: To understand adult ADHD from phenotype to genotype and to translate knowledge into strategies to improve patient care

Strategies:

- 1) Study mechanisms from gene to disease in interdisciplinary ways (pick interesting genes for such analyses)
- 2) Contribute to gene-finding efforts in international large consortia, and perform more sophisticated analyses in adult samples
- 3) Improve visibility of adult ADHD's impact on society – e.g. through registry-based research
- 4) Explore prospects of using genetics or biomarkers for diagnosis and prediction of persistence and/or comorbidity



IMpACT goals and 5-year strategies

Goal: To understand adult ADHD from phenotype to genotype and to translate knowledge into strategies to improve patient care

Instruments:

- 1) Dedicate people to IMpACT
- 2) Getting funding for IMpACT
- 3) Harmonize protocols
- 4) Improve and use database, also in combination with registries
- 5) Continue writing about adult ADHD and organize meetings at congresses
- 6) Meet twice a year, once with Pis, once with all IMpACT members



Short term IMpACT plans for the coming year:

- Dedicate defined person to IMpACT for 10-15(?) hours a week (Martine-NL, Cristina-SP, Tetyana-NO, Heike-GE, ??-UK, ??-US, ??-Brazil, ??-SE). This person should be able to prioritize handling IMpACT projects.
- Define projects to be included in PhD-trajectories of existing PhD-students
- Take on Master students to work on IMpACT data, define projects for those
- At least one IMpACT project per site per year

- Build web-based phenotyping instrument
- Define and implement harmonized minimum clinical protocol
- Use IMpACT database to explore clinical data
- Use alternative phenotypes from IMpACT database for exome chip analysis

- Get PsychChip data for all IMpACT samples and store in centralized site (one that allows sharing of data/remote access)
- Inform with PGC about prospects of adult ADHD analyses
- Define genes for multi-disciplinary analyses
- Meta-analyze old and new GWAS data
- Have continuous debate about best genes to prioritize

- Finish Special Issue for AJMG-B
- Create output for IMpACT
- Develop byline for IMpACT to put also in single site papers
- Organize IMpACT symposia at congresses

- Organize IMpACT meeting in Brazil in November 2015