Detecting dopamine dysfunction with pharmacological MRI

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LIST OF PUBLICATIONS


**SUBMITTED**


**CONFERENCE ABSTRACTS (ONLY FIRST AUTHOR)**

- Schrantee, A. (2015). The effects of methylphenidate on striatal dopamine system are dependent on age: a pharmacological magnetic resonance imaging study. *Abstract European College of Neuropsychopharmacology 2015, blitz and poster presentation*
- Schrantee, A. (2013) Amphetamine pretreatment alters the response to a methylphenidate challenge: a pharmacological magnetic resonance imaging study. *Abstract European College of Neuropsychopharmacology 2013, poster presentation*
- Schrantee, A. (2013) J-difference edited GABA-MRS in regular amphetamine users in the basal ganglia. *2nd Cardiff International Symposium on MRS of GABA, oral presentation*
- Schrantee, A. (2012) Investigating the nature of the 1H-MRS profile of multipotent astrocytic stem cells. *Abstract ISMRM Postgraduate Symposium, oral presentation*
### PHD TRAINING YEAR WORKLOAD

#### General Courses

- Basic Legislation in Science (BROK) 2013 0.9
- Advanced Topics in Biostatistics 2013 2.1
- Laboratory Animals (Article 9) 2013 3.9
- Computing in R 2013 0.4
- UNIX 2015 0.6
- Radiation Protection (SB) 2015 1.7
- Crash Course 2015 0.2

#### Specific courses

- European Graduate School of Neuroscience (Euron) 2012 1.5
- Drugs and the brain: an update in psychopharmacology, Braga, Portugal 2012 1
- Neuroimaging summer school (BIC) 2012 0.9
- Introductory course (ONWAR) 2012 1.5
- Current Issues in Clinical Neuroscience (Stroke) (ONWAR) 2013 1
- Resting state fMRI course (ESMRMB) 2013 1
- Grant writing (ONWAR) 2014 1.8
- Functional neuroanatomy (ONWAR) 2014 1.4
- Winter School on pattern analysis & classification (ABC) 2015 1

#### Seminars, Workshops and master-classes

- Animal minds: from evolution to computation, Royal Society, London 2012 0.3
- Weekly meetings of the Brain Imaging Center 2012-2015 1.5
- Monthly meetings neuroradiology 2012-2015 1.5

#### Presentations at (inter)national conferences

- ONWAR annual PhD meeting (poster 2x, oral 1x) 2012, 2013, 2014
- GABA symposium, Cardiff, UK (oral) 2013
- International Society for Magnetic Resonance in Medicine (ISMRM)
  - *British Chapter, Bristol, UK (oral) 2012
  - *Benelux Chapter, Rotterdam, the Netherlands (poster) 2013
  - *Annual Meeting, Salt Lake City, USA (poster) 2013
  - *Annual Meeting, Milan, Italy (oral) 2014
  - *Benelux Chapter, Eindhoven, the Netherlands (oral) 2016
  - *Annual Meeting, Singapore, Singapore (oral) 2016
- European College of Neuropsychopharmacology (ECNP)
  - *Congress, Barcelona, Spain (poster) 2013
  - *Congress, Berlin, Germany (poster) 2014
  - *Congress, Amsterdam, the Netherlands (poster) 2015
- Society of Biological Psychiatry (SOBP)
  - *Annual Meeting of 2016, Atlanta, USA (oral) 2016

#### Other

- Neuroscience Career Event (organizing committee) 2014
TEACHING

Lecturing

“Effect of Ritalin and Prozac on the developing brain” 2013
Themadag Biotechnische Vereniging 'Hersenspinsels'
“Pharmacological treatment in ADHD” 2014, 2015
Guest lecture Child Neuropsychopharmacology, Bachelor of Psychology
“phMRI” 2015
Guest lecture Physics of Imaging, Bachelor of Psychobiology

Supervising

School research project (1x) 2013
Literature thesis (1x) 2014
Bachelor theses (2x) 2013, 2014
Master thesis (8x) 2013 - 2016
Work experience (2x) 2014, 2015

PARAMETERS OF ESTEEM

Grants

AMC Young Talent Fund 2014

Awards and Prizes

ONWAR Poster Prize 2014
ISMRM Psychiatric MR Study Group 2014
Presentation award 3rd place
ISMRM Psychiatric MR Study Group 2016
Presentation award 1st place