

CURRICULUM VITAE

Personal details

Name Jocelien Olivier (f)
 Date of birth: 04-04 1978
 Marital status Married, 3 children (born March 2012, December 2013, and May 2017)
 Home address De Cockstraat 51, 9746 BV Groningen, the Netherlands
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Academic degrees

- 2008 **PhD, Radboud University Medical Centre Nijmegen, department Psychoneuropharmacology**
 Defense date 27 November 2008
 Thesis title Phenotyping the serotonin transporter knockout rat: a behavioural, pharmacological and physiological approach. A new animal model of human serotonergic disorders.
 Supervisors Prof. Dr. Lex Cools and Prof. dr. Bart Ellenbroek
- 2002 **MSc Medical Biology, Free University, Amsterdam**
 Research project (Jan 2002 – June 2002) dept. Anatomy, UMC Nijmegen, the Netherlands, with Dr. Jan Veening
 Thesis title: *Effects of acute and chronic apomorphine on sexual behavior and copulation-induced neural activation in the male rat. (published in Eur J Pharm 2007)*
- 2000 **BSc Zoology, University of Applied Sciences Utrecht, Utrecht, the Netherlands**
 Research project (Aug 1999 – June 2000) dept Psychiatry, Yale University, USA, with Prof. DR. Eric Nestler and Dr. Michel Barrot.
 Thesis title: *CREB activity in the nucleus accumbens shell controls behavioral responses to naloxone. (published in PNAS 2002)*

Academic employment

- 2019-present **Associate Professor with ius promovendi**, Groningen Institute for Evolutionary Life Sciences, University of Groningen, the Netherlands.
 Research group: Developmental Behavioral Neuroscience
- 2014-2019 **Assistant Professor**, Groningen Institute for Evolutionary Life Sciences, University of Groningen, the Netherlands.
 Research theme: influences of early life adversity and developmental role of serotonin on behavioral and biological outcomes
- 2011-2014 **Assistant Professor**, Centre for Gender Medicine, Karolinska Institute, Sweden.
Research: Unravelling differences in men and women in affective disorders
- 2012-2014 **Post-doctoral researcher**, Women's and Children's Health, Uppsala University, Sweden. With Prof. Inger Sundström Poromaa
Project: The effects of antidepressants during pregnancy on placental gene expression

- 2010-2012 **Post-doctoral researcher**, Clinical Neuroscience, Karolinska Institute, Sweden. With Prof. Aleksander Mathé.
Project: The effects of neurosteroid antidepressants on affective behavior of Flinder Sensitive and Flinder Resistance rats
- 2009-2010 **Post-doctoral researcher**, Molecular Animal Physiology, Radboud University Nijmegen, the Netherlands. With Dr. Judith Homberg
Project: The effects of antidepressant treatment during pregnancy on rat offspring
- 2008-2009 **Project leader in organizing post Bachelor programs**, Centre for Nature & Technology, University for Applied Sciences Utrecht, the Netherlands.
- 2007-2009 **Lecturer Zoology**, Institute of Life Sciences and Chemistry, University of Applied Sciences Utrecht, the Netherlands.
- 2003-2008 **PhD student**, Dept. Psychoneuropharmacology, Radboud University, the Netherlands. Advisors: Prof. Lex Cools and Prof Bart Ellenbroek.
Project: Rat reverse genetics
- 2002-2003 **Research Associate**, Dept Psychopharmacology, University Utrecht, the Netherlands.
Research on anxiety disorders

Executive & Advisory Boards

- 2021-present Chair of [Groningen Institute for Evolutionary Life Sciences](#) board
- 2024- 2025 Replaced the scientific director of [Groningen Institute for Evolutionary Life Sciences](#) (3 months)
- 2020-2022 Board member [Young Academy Groningen](#)
- 2018-present Board member of the [Dutch Neurofederation](#) (Treasurer)
- 2017-present Chair of the Board of Admission to the TOP Research Master in Behavioural and Cognitive Neurosciences

Other academic positions

- 2025 Panel member for accreditation of cognitive Neuroscience programs of Radboud University Nijmegen (Cognitive Neuroscience), Erasmus University Rotterdam (Neuroscience), Vrije Universiteit Amsterdam (Neurosciences) and University Maastricht (Cognitive and Clinical Neuroscience)
- 2024-present Member of the [Dutch Biology Council](#)
- 2024-present Discipline representative Biology for Sector Plan 2, University of Groningen
- 2023-present Member of the [Life Sciences round table](#), advising to the ENW board of the Dutch Research Council
- 2022-present Advisory board for supervisors of PhD students at the FSE
- 2018-2023 Young Academy Groningen member

Awards

- 2024 “Shout out”, Faculty of Science and Engineering’s recognition for increasing job satisfaction of your colleagues.
- 2018 Second place for Best PhD Supervisor Award of the Graduate School of Science and Engineering and the PhD Council.

2017 Teacher of year for Biomedical Sciences and Medical Pharmaceutical Sciences at the University of Groningen and nominated for the Faculty Science & Engineering Teaching Award

Funding support

2011	Karolinska Institute Founder research grant (SE, main applicant)	€ 16.000
2011	Swedish Research Council Project research grant (SE, co-applicant)	€ 261.600
2012	Karolinska Institute Founder research grant (SE, main applicant)	€ 4.600
2012	The Swedish Society of Medicine, Söderström-Königska research grant (SE, main applicant)	€ 14.200
2013	Young Investigator grant, Uppsala University (SE, main applicant)	€ 16.350
2013	Karolinska Institute Founder research grant (SE, main applicant)	€ 2.900
2013	The Swedish Society of Medicine research grant (SE, main applicant)	€ 18.000
2014	Swedish Research Council Project research grant (SE, co-applicant)	€ 229.000
2014	Start-up fund, University of Groningen	PhD salary + €150.000
2014	The Swedish Society of Medicine (SE), Research grant (main applicant)	€ 30.750
2014	Dobberke foundation grant (NL), Research grant (main applicant)	€ 4.575
2015	Marie Skłodowska-Curie individual Fellowship (EU; main applicant)	€ 177.599
2015	Honorary Scholarship, University Groningen (NL; main applicant)	€ 4.500
2016	Helse Nord Regional Health Authority (NO), research grant (co-applicant; main applicant Eelke Snoeren)	€ 177.500
2016	Adaptive Life, PhD project (main applicant; co-applicants: Bregje Wertheim, Bart Pollux and Torsten Plösch)	PhD scholarship salary +20K€
2016	CONACyT PhD student	2 year PhD scholarship salary
2017	NARSAD Young Investigator award (US, main applicant)	\$70.000
2017	Adaptive Live, PhD Project (co-applicant; main applicant: Gertjan van Dijk, co-applicant Anton Scheurink)	4 year PhD Scholarship € 15.000
2017	Society Scientific Research Neuropsychiatry and Neurosexology (main applicant)	€ 25.000
2018	NWO grant for organizing scientific meetings	
2018	Seeding money Brain and Behaviour Competence Center	€ 15.000
2018	Young Academy of Groningen, annual subsidy for 5-year membership term	€ 5.000
2019	Young Academy of Groningen, interdisciplinary PhD project (joint application with Sonja Pyott)	4 year PhD Scholarship
2019	ZonMW MKMD for Synthesis of Evidence	€ 17.440
2019	NARSAD Young Investigator award (US, main applicant)	\$70.000
2020	COLCIENCIAS PhD Student	4 year PhD Scholarship salary
2020	ZonMW Enabling Technology hotel grant (NL, main applicant)	€ 30.000
2022	Atlas Pharmaceuticals. Industry contract	€ 132.000
2023	RUG Interdisciplinary seeding fund: BCN neuroanatomy trainer	€ 6.000
2024	Young Academy Groningen interdisciplinary grant	€ 4.000
2024	Psychogenics Inc Drug Discovery LLC, industry contract	€ 88.000
2024	COST action grant: "An Evolutionary view to Understanding Affective states across species" (EU; co-applicant; management committee member)	~€ 500.000
2024	ZonMW MKMD for Synthesis of Evidence	€ 21.881
2024	Alzheimer Nederland grant (Co-PI)	€ 400.000
2025	COST action grant: "European Initiative to Enhance the Current SABV Policy in Preclinical Biomedical Research"(EU; co-applicant)	~€ 500.000

Editorships of scientific journals

2023-present	Editorial board Current Topics in Behavioral Neuroscience. Published by Springer
2025-present	Lead Editor of the volume “The role of serotonin in sexual behavior” in Current Topics in Behavioral Neuroscience. Published by Springer
2022-2025	Lead Editor of the volume “Effects of Drug Exposure on Brain Development” in Current Topics in Behavioral Neuroscience. Published by Springer
2020-2021	Topic Editor at <i>Frontiers in Behavioural Neuroscience</i> ; special issue about the complex biopsychosocial interactions that create stress resilience
2018-2019	Topic Editor at <i>Frontiers in Neuroscience</i> ; special issue about the Dutch Neuroscience Meeting

Evaluation of research work

I served as a peer reviewer for several journals, including Neuroscience, Physiology & Behavior, ACS Chemical Neuroscience, Behavioural Brain Research, Neuropharmacology, Frontiers in Behavioral Neuroscience, Psychopharmacology, Neurobiology of Stress, Developmental Psychobiology, Journal of Affective Disorders, Journal of Psychiatric Research and Clinical Epigenetics.

Committees

2026	Selection committee (BAC) for the new Dean of Faculty Science and Engineering, RUG
2025	Selection committee for 2 board members of the science domain of the Dutch Research Council
2025	Panel member for the accreditation of the research Master Cognitive Neuroscience (Radboud University, Erasmus University, VU Amsterdam, University Maastricht)
2025-present	Member of the promotion committee for University Medical Center Groningen
2023	GELIFES selection committee (BAC) Research tenure tracker behavioral Neuroscience
2022	Chair of 5 selection committees (BAC) for Rosalin Franklin positions within the Faculty of Science and Engineering: <ul style="list-style-type: none"> - Behavioural and cognitive neuroscience in an eco-evolutionary context (GELIFES) - Behavioural biology (GELIFES) - Ecological genomics of marine/intertidal ecosystems (GELIFES) - Food-water-energy interactions (theoretical and modeling; ESRIG) - Rare minerals for the energy transition (initially theoretical; ESRIG)
2022	GELIFES selection committee (BAC) member: <ul style="list-style-type: none"> - Research tenure tracker behavioral Neuroscience - Educational tenure track theoretical Biology
2022-present	Member of the Partnership and collaboration committee of world women in Neuroscience
2022	GELIFES selection committee (BAC) Research tenure tracker behavioral Neuroscience
2022	Chair of the selection committee (BAC) for Young Academy Groningen members
2021-present	Member of the Steering group of Faculty Science and Engineering writing Career path in science version 5 , implementing the new recognition and rewards of academics.
2021	GELIFES selection committee (BAC) scientific coordinator
2020-present	Founding and steering member of the steering group BCB-NL
2020	GELIFES selection committee (BAC) for Vidi candidate
2019	GELIFES selection committee (BAC) for Vidi candidate
2018	GELIFES selection committee (BAC) for Honorary Professorship “Translational Neuroscience for Psychopathology”

2018	GELIFES selection committee for two post-doc fellows “Behavioural Neuroscience”
2018	Committee member for the evaluation of the best PhD thesis of the Faculty Science and Engineering 2016-present Tutor for Bachelor students, University of Groningen, the Netherlands.
2018-present	Treasurer Dutch Neuroscience Meeting
2016-present	Steering committee member of Dutch Neuroscience Meeting
2016-2024	Program Committee member of the TOP Research Master Behavioural and Cognitive Neurosciences

Grant Proposal Review

2025	Swiss National Science Foundation
2025	Donders Institute – Netherlands Institute for Neuroscience Foundation
2023	Swiss National Science Foundation
2022	30 th TV3 Marató on Mental Health, Agency for health quality and assessment of Catalonia, Spain
2020	Israel Science Foundation
2015 & 2017	German-Israeli Foundation for Scientific Research and Development grant (GIF, Germany).

Meeting organization

2025	Organizing committee member of the 10th Anniversary Symposium: Decoding Life’s Diversity, Groningen, The Netherlands.
2014-present	Member of the organizing and steering committee of the Annual Dutch Neuroscience meeting, the Netherlands.
2021-present	Member of the organizing committee of the annual NWO life conference
2023	Organizer and chair of the session Social behaviour: a gateway for understanding the neurobiology of affective disorders at the 50 th Meeting of the European Brain and Behaviour Society:
2023	Organizer and chair plenary session: Social safety. Speaker Joriene Beks. Dutch Neuroscience Meeting 2023;
2023	Organizer and chair of the session ‘Maternal serotonin alterations: can we identify developmental benefits for the offspring?’ Dutch Neuroscience Meeting 2023;
2023	Chair NWO life conference session Organisms in their environment
2022	Organizer session Dutch Neuroscience Meeting 2023; plenary session: Exercise slows you down. Speaker Anton Scheurink
2022	Organizer session Dutch Neuroscience Meeting 2023; Identifying risk factors for neuropsychiatric disorders and their underlying pathophysiology
2022	Chair NWO life conference session: ‘Organisms in their environment’
2021-2022	Organizing 5-year lustrum Young Academy Groningen
2020-2021	Member of the local organizing committee of the European Brain and Pharmacology Society meeting
2019	Organizer Young Academy of Groningen Early-Career Researcher’s Lunch: Public engagement
2019	Organizer Young Academy of Groningen Early-Career Researcher’s Lunch: How to fund Interdisciplinary Research
2019	Chair of the opening keynote lecture Dutch Neuroscience Meeting 2019
2017-2018	Chair Annual Dutch Neuroscience Meeting, the Netherlands 2008
2018	Organization of a symposium: Serotonin in Translational Perspective, University Utrecht, the Netherlands.
2016-2017	Chair-elect Annual Dutch Neuroscience Meeting, the Netherlands

2016	Chair of session in the DN2016 meeting, the Netherlands. Title: Early life exposure to drug and nutrition: effects on brain and behavior
2015-2017	Initiator and organization of monthly seminars for the Neurobiology expertise group, GELIFES, University of Groningen, the Netherlands.
2015-2017	Organizer of the weekly Meeting of the Behavioural Neuroscience group
2013	Member of the organizing committee of the symposium 'Sex, Drugs and Medical Devices III, Karolinska Institute, Sweden.
2012-2014	Initiator of monthly seminars for the Centre of Gender Medicine, Karolinska Institute.

PhD supervision

2025-2029	Giulia Mozzanica (Co-supervisor). Project: Stress and Neuroinflammation in Alzheimer's disease
2024-2028	Jiahao Li (Co-supervisor) project: Effects of a TNFR2 Agonist on Stress-Induced Pathological and Behavioral Changes in AD Mice
2022-2026	Armen Andreyan (Co-supervisor) project: Touchscreen-based assessment of prefrontal cortex-dependent cognition in rodents; Defended 6-5-2026
2021-2025	Mayerli Prado Rivera (main supervisor) project: Effect of early life stress before, during and after pregnancy on offspring social behavior. Defence on 1-12-2026
2019-2025	Romy Buwalda-Smit (Co-supervisor) project: Fetomaternal microchimerism: tracing fetal cells throughout the maternal body
2019-2024	Joëlle Jagersma (main supervisor) project: The effect of hearing loss early in life on social and cognitive performance. Defense on 21-10-2026
2018-2022	Steffen van Heijningen (Co-supervisor); Defended 2022, now senior marketing communications specialist at Noldus Information technology, Curacao
2017-2021	Laura Staal (main supervisor); Defended: 2021, now clinical bioinformatician, UMCG, NL
2015-2019	Danielle Houwing (main supervisor) Defended 2020, now post doc at the Max Planck Institute for Psycholinguistics, NL
2015-2019	Anouschka Ramsteijn (main supervisor); Defended: 2020, now post doc at the Rowett Institute, University of Aberdeen, Scotland
2016-2019	Diana Carolina Esquivel Franco, (main supervisor); Defended 2019, now a psychologist at 's Heeren Loo, NL
2014-2019	Å.Edvinsson (Co-supervisor); Defended 2019, now research engineer at the department of immunology, Uppsala University, Sweden
2013-2015	H. Kaihola (Co-supervisor); Defended 2015, now project coordinator at Olink Proteomics, Uppsala, Sweden

Supervision Master and Bachelor students

Since 2014, I have supervised 109 Master and 105 Bachelor students in research projects, theses or colloquia. In addition, I supervised two postdocs, and four technicians.

Scientific publications

- 1) Barrot, M., **Olivier, J. D. A.**, Perrotti, L. I., DiLeone, R. J., Berton, O., Eisch, A. J., ... Nestler, E. J. (2002). CREB activity in the nucleus accumbens shell controls gating of behavioral responses to emotional stimuli. *Proceedings of the National Academy of Sciences of the United States of America*, 99 (17), 11435-40. 10.1073/pnas.172091899.

- 2) Dirks, A., Groenink, L., Westphal, K. G. C. , **Olivier, J. D. A.** , Verdouw, P. M., van der Gugten, J., ... Olivier, B. (2003). Reversal of startle gating deficits in transgenic mice overexpressing corticotropin-releasing factor by antipsychotic drugs. *Neuropsychopharmacology: official publication of the American College of Neuropsychopharmacology*, 28 (10), 1790-8. 10.1038/sj.npp.1300256.
- 3) Smits, B. M. G., Mudde, J. B., van de Belt, J., Verheul, M., **Olivier, J.**, Homberg, J., ... Cuppen, E. (2006). Generation of gene knockouts and mutant models in the laboratory rat by ENU-driven target-selected mutagenesis. *Pharmacogenetics and Genomics*, 16 (3), 159-169. 10.1097/01.fpc.0000184960.82903.8f.
- 4) Homberg, J. R., **Olivier, J.**, Smits, B. M. G., Mul, J. D., Mudde, J., Verheul, M., ... Cuppen, E. (2007). Characterization of the serotonin transporter knockout rat: A selective change in the functioning of the serotonergic system. *Neuroscience*, 146 (4), 1662-1676. 10.1016/j.neuroscience.2007.03.030.
- 5) **Olivier, J. D. A.**, de Jong, T. R., Jos Dederen, P., van Oorschot, R., Heeren, D., Pattij, T., ... Veening, J. G. (2007). Effects of acute and chronic apomorphine on sex behavior and copulation-induced neural activation in the male rat. *European Journal of Pharmacology*, 576 (1-3), 61-76. 10.1016/j.ejphar.2007.08.019.
- 6) **Olivier, J. D. A.**, Van Der Hart, M. G. C., Van Swelm, R. P. L., Dederen, P. J., Homberg, J. R., Cremers, T. , ... Ellenbroek, B. A. (2008). A study in male and female 5-HT transporter knockout rats: An animal model for anxiety and depression disorders. *Neuroscience*, 152 (3), 573-584. 10.1016/j.neuroscience.2007.12.032.
- 7) **Olivier, J. D. A.**, Jans, L. A. W., Korte-Bouws, G. A. H. , Korte, S. M. , Deen, P. M. T., Cools, A. R., ... Blokland, A. (2008). Acute tryptophan depletion dose dependently impairs object memory in serotonin transporter knockout rats. *Psychopharmacology*, 200 (2), 243-254. 10.1007/s00213-008-1201-0.
- 8) Homberg, J. R., De Boer, S. F., Raasø, H. S., **Olivier, J. D. A.**, Verheul, M., Ronken, E., ... Cuppen, E. (2008). Adaptations in pre- and postsynaptic 5-HT_{1A} receptor function and cocaine supersensitivity in serotonin transporter knockout rats. *Psychopharmacology*, 200 (3), 367-80. 10.1007/s00213-008-1212-x.
- 9) **Olivier, J. D. A.** , Cools, A. R., Olivier, B., Homberg, J. R., Cuppen, E., & Ellenbroek, B. A. (2008). Stress-induced hyperthermia and basal body temperature are mediated by different 5-HT(1A) receptor populations: a study in SERT knockout rats. *European Journal of Pharmacology*, 590 (1-3), 190-7. 10.1016/j.ejphar.2008.06.008.
- 10) Molteni, R., Calabrese, F., Maj, P. F., **Olivier, J. D. A.**, Racagni, G., Ellenbroek, B. A., & Riva, M. A. (2009). Altered expression and modulation of activity-regulated cytoskeletal associated protein (Arc) in serotonin transporter knockout rats. *European neuropsychopharmacology: the journal of the European College of Neuropsychopharmacology*, 19 (12), 898-904. 10.1016/j.euroneuro.2009.06.008.
- 11) **Olivier, J. D. A.** , Jans, L. A. W., Blokland, A. , Broers, N. J. , Homberg, J. R., Ellenbroek, B. A., & Cools, A. R. (2009). Serotonin transporter deficiency in rats contributes to impaired object memory. *Genes, brain, and behavior*, 8 (8), 829-834. 10.1111/j.1601-183X.2009.00530.x.

- 12) **Olivier, J. D. A.***, Kalueff, A. V.*, Nonkes, L. J. P., & Homberg, J. R. (2010). Conserved role for the serotonin transporter gene in rat and mouse neurobehavioral endophenotypes. *Neuroscience and Biobehavioral Reviews*, 34 (3), 373-86. 10.1016/j.neubiorev.2009.08.003
*authors contributed equally.
- 13) **Olivier, J. D. A.**, Cools, A. R., Deen, P. M. T., Olivier, B., & Ellenbroek, B. A. (2010). Blockade of dopamine, but not noradrenaline, transporters produces hyperthermia in rats that lack serotonin transporters. *European Journal of Pharmacology*, 629 (1-3), 7-11. 10.1016/j.ejphar.2009.11.049.
- 14) Molteni, R., Cattaneo, A., Calabrese, F., Macchi, F., **Olivier, J. D. A.**, Racagni, G., ... Riva, M. A. (2010). Reduced function of the serotonin transporter is associated with decreased expression of BDNF in rodents as well as in humans. *Neurobiology of Disease*, 37 (3), 747-55. 10.1016/j.nbd.2009.12.014.
- 15) Vinkers, C. H., Olivier, B., Bouwknecht, J. A., Groenink, L., & **Olivier, J.** (2010). Stress-induced hyperthermia, the serotonin system and anxiety. *Open Pharmacology Journal*, 4.
- 16) **Olivier, J. D. A.**, Blom, T., Arentsen, T., & Homberg, J. R. (2011). The age-dependent effects of selective serotonin reuptake inhibitors in humans and rodents: A review. *Progress in Neuropsychopharmacology & Biological Psychiatry*, 35 (6), 1400-8. 10.1016/j.pnpbp.2010.09.013.
- 17) Neumann, I. D., Wegener, G., Homberg, J. R., Cohen, H., Slattery, D. A., Zohar, J., ... **Olivier J.D.**, Mathé, A. A. (2011). Animal models of depression and anxiety: What do they tell us about human condition? *Progress in Neuropsychopharmacology & Biological Psychiatry*, 35 (6), 1357-75. 10.1016/j.pnpbp.2010.11.028.
- 18) Homberg, J. R., **Olivier, J. D. A.**, Blom, T., Arentsen, T., van Brunschot, C., Schipper, P., ... Reneman, L. (2011). Fluoxetine exerts age-dependent effects on behavior and amygdala neuroplasticity in the rat. *PLoS ONE*, 6 (1), e16646. 10.1371/journal.pone.0016646.
- 19) **Olivier, J. D. A.**, Vallès, A., van Heesch, F., Afrasiab-Middelmann, A., Roelofs, J. J. P. M., Jonkers, M., ... Homberg, J. R. (2011). Fluoxetine administration to pregnant rats increases anxiety-related behavior in the offspring. *Psychopharmacology*, 217 (3), 419-32. 10.1007/s00213-011-2299-z.
- 20) Guidotti, G., Calabrese, F., Auletta, F., **Olivier, J.**, Racagni, G., Homberg, J., & Riva, M. A. (2012). Developmental influence of the serotonin transporter on the expression of npas4 and GABAergic markers: Modulation by antidepressant treatment. *Neuropsychopharmacology: official publication of the American College of Neuropsychopharmacology*, 37 (3), 746-58. 10.1038/npp.2011.252.
- 21) **Olivier, J. D. A.**, Akerud, H., Kaihola, H., Pawluski, J. L., Skalkidou, A., Högberg, U., & Sundström-Poromaa, I. (2013). The effects of maternal depression and maternal selective serotonin reuptake inhibitor exposure on offspring. *Frontiers in cellular neuroscience*, 7, 73. 10.3389/fncel.2013.00073.
- 22) **Olivier, J. D. A.**, Vinkers, C. H., & Olivier, B. (2013). The role of the serotonergic and GABA system in translational approaches in drug discovery for anxiety disorders. *Frontiers in Pharmacology*, 4, 74. 10.3389/fphar.2013.00074.

- 23) Schijven, D., Sousa, V. C., Roelofs, J., Olivier, B., & **Olivier, J. D. A.** (2014). Serotonin 1A receptors and sexual behavior in a genetic model of depression. *Pharmacology, biochemistry, and behavior*, *121*, 82-7. 10.1016/j.pbb.2013.12.012.
- 24) **Olivier, J. D. A.**, Akerud, H., & Sundström Poromaa, I. (2015). Antenatal depression and antidepressants during pregnancy: Unraveling the complex interactions for the offspring. *European Journal of Pharmacology*, *753*, 257-262.
- 25) Kaihola, H., **Olivier, J.**, Poromaa, I. S., & Åkerud, H. (2015). The effect of antenatal depression and selective serotonin reuptake inhibitor treatment on nerve growth factor signaling in human placenta. *PLoS ONE*, *10* (1), e0116459. 10.1371/journal.pone.0116459.
- 26) **Olivier, J.**, Akerud, H., Skalkidou, A., Kaihola, H., & Sundström Poromaa, I. (2015). The effects of antenatal depression and antidepressant treatment on placental gene expression. *Frontiers in cellular neuroscience*, *8*, 65, doi: 10.3389/fncel.2014.00465.
- 27) Åhlsson, F., Åkerud, H., Schijven, D., **Olivier, J.**, & Sundström Poromaa, I. (2015). Gene expression in placentas from non-diabetic women giving birth to large for gestational age infants. *Reproductive Sciences*. *22*(10):1281-1288.
- 28) Hannefors, A-K., Hellgren, C., Schijven, D., Iliadis, S., Comasco, E., Skalkidou, A., **Olivier, J.D.A.**, PhD, Sundström-Poromaa, I. (2015). Treatment with serotonin reuptake inhibitors during pregnancy is associated with elevated corticotropin-releasing hormone levels. *Psychoneuroendocrinology*. *58*, 104-113. 10.1016/j.psyneuen.2015.04.009.
- 29) Comasco, E., Hellgren, C., **Olivier, J.**, Skalkidou, A., & Sundström Poromaa, I. (2015). Supraphysiological hormonal status, anxiety disorders, and COMT Val/Val genotype are associated with reduced sensorimotor gating in women. *Psychoneuroendocrinology*, *60*, 217-223. 10.1016/j.psyneuen.2015.06.019.
- 30) Hellgren, C., Edvinsson, Å., **Olivier, J.D.** Fornes, R., Stener-Victorin, E., Kumari, S.J., Ubhayasekhera, A., Skalkidou, A., Bergquist, J., Sundström-Poromaa, I. (2016) Tandem mass spectrometry determined maternal cortisone to cortisol ratio and psychiatric morbidity during pregnancy – interaction with birth weight. *Psychoneuroendocrinology*, *69*, 142-149. 10.1016/j.psyneuen.2016.04.006.
- 31) Iliadis, S. I., Sylvén, S., Hellgren, C., **Olivier, J. D.**, Schijven, D., Comasco, E., ... Skalkidou, A. (2016). Mid-pregnancy corticotrophin-releasing hormone levels in association with postpartum depressive symptoms. *Depression and Anxiety*, *33* (11), 1023-1030. 10.1002/da.22529.
- 32) Kaihola, H., Yaldir, F. G., Hreinsson, J., Hornaeus, K., Bergquist, J., **Olivier, J. D. A.**, ... Sundstrom-Poromaa, I. (2016). *Effects of Fluoxetine on Human Embryo Development*. *Frontiers in cellular neuroscience*, *10*:160. 10.3389/fncel.2016.00160.
- 33) **Olivier, J. D. A.***, Homberg, J. R.*, VandenBroeke, M., Youn, J., Ellenbroek, A. K., Karel, P., ... Ellenbroek, B. A. (2016). *The role of the dopamine D1 receptor in social cognition: studies using a novel genetic rat model*. *Disease models & mechanisms*, *9* (10):1147-1158. DOI: 10.1242/dmm.024752 *authors contributed equally.

- 34) **Olivier, J. D. A.**, Esquivel Franco, D. C., Oosting, R., Waldinger, M., Sarnyai, Z., & Olivier, B. (2017). *Tramadol: Effects on sexual behavior in male rats are mainly caused by its 5-HT reuptake blocking effects. Neuropharmacology, 116*, 50. DOI: 10.1016/j.neuropharm.2016.11.020.
- 35) Edvinsson Å, Bränn E, Hellgren C, Freyhult E, White R, Kamali-Moghaddam M, **Olivier JD**, Bergquist J, Boström AE, Schiöth HB, Skalkidou A, Cunningham JL, Sundström Poromaa I. (2017). Lower inflammatory markers in women with antenatal depression brings the M1/M2 balance into focus from a new direction. *Psychoneuroendocrinology 80*:15-25. 10.1016/j.psyneuen.2017.02.027.
- 36) Houwing, D.J., Buwalda, B., van der Zee, E.A., de Boer, S.F., **Olivier, J.D.A.** (2017). The Serotonin Transporter and Early Life Stress: Translational Perspectives. *Frontiers in cellular neuroscience, 11*, 117. 10.3389/fncel.2017.00117.
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- Kersten, Amanda J Kiliaan, Taco W A Kooij, Sander Kooijman, Werner J H Koopman, Aniko Korosi, Harm J Krugers, Thijs Kuiken, Steven A Kushner, Jan A M Langermans, Heidi Lesscher, Paul J Lucassen, Esther Lutgens, Mihai G Netea, Lucas P J J Noldus, Jos W M van der Meer, Frank J Meye, Joram D Mul, Kees van Oers, **Jocelien D A Olivier**, R Jeroen Pasterkamp, Ingrid H C H M Philippens, Jos Prickaerts, Bart J A Pullox, Patrick C N Rensen, Jacco van Rheenen, Ronald P van Rij, Laila Ritsma, Barry H G Rockx, Benno Roozendaal, Evert M van Schothorst, K Stittelaar, Norbert Stockhofe, Dick F Swaab, Rik L de Swart, Louk J M J Vanderschuren, Taco de Vries, Femke de Vrij, Richard van Wezel, Corette J Wierenga, Maximilian Wiesmann, Ingo Willuhn, Chris I de Zeeuw, Judith R Homberg (2020). How the COVID-19 pandemic highlights the necessity of animal research. *Current Biology* 30:R1014-R1018. Doi: <https://doi.org/10.1016/j.cub.2020.08.030>
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Book Editor

Olivier, J.D.A. & Ellenbroek, B.A. *Editors* (2025). Effects of drug exposure on brain development. *Current topics in Behavioral neurosciences* 75.

Book chapters

- 1) Dalla, C. Kokras, N., Pitychoutis, P. M., Papadopoulou-Daifoti, Z. & **Olivier, J.** (2013). Chapter 6. *The differential involvement of the serotonergic system in depression and antidepressant treatment of males and females*. In: Serotonin Biosynthesis, Regulation and Health Implications, Frank Scott Hall (Ed), Nova science publishers.
- 2) **Olivier, J.**, Cools, A. R., Ellenbroek, B., Cuppen, E., & Homberg, J. R. (2010). Chapter 6. *The serotonin transporter knockout rats: a review*. In: Experimental models in serotonin transporter research, Allan V. Kalueff, Justin L. Laporte (Eds), Cambridge University Press.
- 3) Muller, M. , **Olivier, J.** , & Homberg, J. (2010). Chapter 2. *Knockout and mutant rats*. In: Transgenic and Mutant Tools to Model Brain Disorders, Allan Kalueff, Carisa Bergner (Eds), New York: Humana Press.
- 4) Olivier, B., Chan, J. S. W., Snoeren, E. M. S. , **Olivier, J. D. A.** , Veening, J. G., Vinkers, C. H., Oosting, R. (2011). Chapter 2. *Differences in sexual behaviour in male and female rodents: role of serotonin*. In: Biological Basis of Sex Differences in Psychopharmacology, Current topics in behavioral neurosciences 8, J.C. Neill and J. Kulkarni (Eds), Springer-Verlag.
- 5) **Olivier J.D.A.**, Esquivel Franco D.C., Waldinger M.D., Olivier B. (2017). Chapter 4: Sexual Dysfunction, Depression and Antidepressants: A Translational Approach. In: Sexual Dysfunction, Berend Olivier (Ed). IntechOpen publisher.
- 6) Staal, L. & **Olivier, J.D.A.** (2019). Influences of maternal vulnerability and antidepressant treatment during pregnancy on the developing offspring. In: Antidepressants - Preclinical, Clinical and Translational Aspects, Berend Olivier (Ed). IntechOpen publisher.
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- 8) **Olivier J.D.A.**, Esquivel Franco DC, Waldinger MD, Olivier B. (2019) Serotonin and Sexual Behavior. In: The Serotonin System: History, Neuropharmacology, and Pathology, Mark Tricklebank and Eileen Daly (Eds). Elsevier.
- 9) **Olivier, J.D.A.**, Olivier, B. (2019). Antidepressants and sexual dysfunctions: a Translational Perspective. In: Current Sexual Health Reports, 11, 156-166. F. Guarraci and L. Marson (Eds). Springer.
- 10) **Olivier, J.D.A.** & Peels-Matthey, S. (2021) , Jong Geleerd is Oud gedaan. In: Achterhaalde Waarheid? Zin en onzin van spreekwoorden. Bolderdijk, J. W., Peels-Matthey, S. & Popkema, A. (eds.). Assen: In Boekvorm Uitgevers , p. 72-77 6 p. (**popular science book**)
- 11) **Olivier, J.D.A.**, Olivier, Janssen, J., Pattij, T., De Prêtre, S., Olivier, B. (2022) Antidepressants, Sexual Behavior, and Translational Models for Male Sexual Dysfunction: Development of Animal Models, Pharmacology, and Genetics. In: Translational Research Methods for Major Depressive Disorder, 20, 451-515. Yong-Ku Kim and Meysam Amidfar (eds); Humana, New York, NY, Vol. 179. blz. 451-515
- 12) Olivier, B., Breuer, M.E., Vinkers, C.H., **Olivier, J.D.A.** (2023). Olfaction and depression: does the olfactory bulbectomized rat reflect a translational model for depression? In: COVID-19

Pandemic, Mental Health and Neuroscience-New Scenarios for Understanding and Treatment. 6, 116. Sara Palermo and Berend Olivier (eds); IntechOpen publisher.

- 13) Olivier, B. & **Olivier, J. D. A.** (2024). Efficacy, Safety, and Tolerability of Psychedelics in Treatment-Resistant Depression (TRD). In: Recent Advances and Challenges in the Treatment of Major Depressive Disorder. Kim, Y.-K. (ed.). Springer, p. 49-66 18 p. (Advances in experimental medicine and biology; vol. 1456).
- 14) Prado Rivera, M. A., Jagersma, J. D. & **Olivier, J. D. A.**, (2025), Maternal SSRI use during pregnancy: Links between gut microbiome, offspring behaviour, and brain transcriptomics In: Effects of Drug Exposure on Brain Development. Olivier, J. & Ellenbroek, B. A. (eds.). Springer International Publishing, Cham, Switzerland, Vol. 75. p. 23-41 19 p. (Current Topics in Behavioral Neurosciences).
- 15) Olivier, B. & **Olivier, J. D. A.**, (2026), Psychedelics: Future Therapeutics in Major Depression? In: Understanding Depression: Contemporary Issues and Dilemmas. Kim, Y.-K. (ed.). Springer Singapore, p. 429-449 21 p. (Advances in Experimental Medicine and Biology; vol. 1502).

International (invited) lectures

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| 2026 | Sex as a Biological Variable (SABV) symposium 2026, Zurich Zwitserland. Regulatory effects of antidepressant exposure on maternal–fetal signaling. |
| 2025 | International society for serotonin research. Vienna, Austria. The impact of maternal fluoxetine treatment on the infant’s brain development and behavior via the maternal gut microbiome. |
| 2024 | XLII Annual Conference of Indian Academy of Neurosciences. Bangalore, India. "Staying Strong: Resilience and the Challenge of Overask in Science" |
| 2023 | European Brain and Behaviour Society (EBBS) Meeting. Amsterdam, the Netherlands. Mom’s gut feelings. Influence of maternal serotonin levels on the microbiome and offspring social development. |
| 2023 | Podium lecture at the European Society for Sexual Medicine Meeting (ESSM). Rotterdam, the Netherlands. Paroxetine combined with Du125530 does not inhibit sexual behavior in serotonin transporter knockout rats. |
| 2023 | Preclinical models for perinatal depression and antidepressant treatment; Enlight meeting; Uppsala, Sweden |
| 2022 | International Behavioral Neuroscience Meeting (IBNS). Glasgow, United Kingdom. Preclinical evidence for a new on-demand treatment for lifelong premature ejaculation: enduro |
| 2022 | Key note lecture, congress of the Federation of Latin-American and Caribbean Neuroscience Society. Belém, Brazil. ‘The effects of maternal serotonin levels on regulatory mechanisms controlling development and behavioural outcome in the offspring’ |
| 2022 | Podium lecture European Society for Sexual Medicine (ESSM). Virtual meeting. Preclinical evidence for a new on-demand treatment for lifelong premature ejaculation: enduro |
| 2020 | Key note lecture, XLIII Annual Congress of Brazilian Society of Neuroscience and Behavior (SBNeC). Virtual Meeting. The effects of abnormal serotonin levels during perinatal development. |
| 2020 | Special Guest Lecture, department Psychopharmacology, Federal University São Paulo, Brazil. How the serotonin transporter influences the microbiome and metabolites. |

- 2020 Lecture at the podium session at the European Society of Sexual Medicine 2020, Prague, Czech Republic. 'Sexual behavior in male serotonin transporter knockout rats. (selected as highlight of the ESSM2020)
- 2019 Lecture at Workshop: Drugs & Brain. "Drugs and development". Crete, Greece.
- 2019 Guest Lecture, Dept of Neuroscience, Science for Life Laboratory, Uppsala University, Sweden. The role of serotonin during development.
- 2019 European Brain and Behaviour Society Meeting, Prague, Czech Republic. 'Perinatal fluoxetine exposure and maternal early life stress differentially alter social behavior in young and adult rat offspring'.
- 2018 Guest Lecture, "Animal models of reproduction and development". Women's and Children's Health Department, Uppsala University, Sweden
- 2016 Special guest lecture. "Translational animal models in Neuroscience for anxiety and depression", The Arctic University of Norway, Tromsø, Norway
- 2013 Foreign Student Information day, Uppsala University, Sweden. 'The effect of antidepressant use during pregnancy in animal models.'
- 2012 Symposium on BASIC studies, Uppsala University, Sweden. 'Fluoxetine exposure during pregnancy in rats.'
- 2012 Seminar Centre for Gender Medicine, Karolinska Institute, Sweden, 'Fluoxetine administration to pregnant rats has long-term consequences for the offspring.'
- 2011 10 year anniversary Centre for Gender Medicine symposium (in presence of the Queen of Sweden), Karolinska Institute, Sweden. 'Antidepressant treatment during pregnancy, for better or worse?'

National (invited) lectures

- 2026 Dutch Neuroscience Meeting, Tiel, The effects of cumulative early life stress on anxiety levels in male and female serotonin transporter knockout rats
- 2025 Translational Symposium Stress and sex hormones in adolescent development, Utrecht. "Antidepressants and pregnancy: Effects on maternal microbiome and offspring behavior".
- 2024 What about sex differences? course for Psychiatrists, Vlieland, "Hormones in brain and behavior"
- 2024 Dutch Neuroscience Meeting 2024. Tiel, the Netherlands. "Stress prior to pregnancy and perinatal fluoxetine treatment exert sex-specific effects on the affective and social behaviour of rat offspring".
- 2024 Dutch Neuroscience Meeting 2024. Tiel, the Netherlands. "Swift release, fierce nature? The link between ejaculation speed and aggression in wildtype Groningen rats"
- 2023 Dutch Neuroscience Meeting 2023, Tiel, the Netherlands. 'Placental adaptations to maternal SSRI treatment'
- 2023 What about stress hormones? course for Psychiatrists, Vlieland, "Developmental programming"
- 2021 Lecture for research Institute SHARE (UMC Groningen), organized for post docs. Workshop: Women in Science: moving forward or backwards after the COVID-19 pandemic
- 2020 Lecture for National Pharmaceutical Student Conference, Lemmer, the Netherlands. 'Antidepressant use during pregnancy' (cancelled due to Covid).
- 2019 What about serotonin course for Psychiatrists, Vlieland, "Serotonergic antidepressants during development"

- 2019 Lecture at NWO LIFE2019 conference, Bunnik, the Netherlands. 'The effects of maternal serotonin levels on regulatory mechanisms controlling development and behavioral outcome in the offspring'.
- 2019 Lecture for research Institute SHARE (UMC Groningen), organized for post docs. Workshop: Women in Science: We can have it all!
- 2018 Lecture Tenure Track Event organized by the Post Doc Council of the Faculty Science and Engineering, University of Groningen
- 2017 Ted-Like lecture at the winter symposium of the Research school of Behavioral and Cognitive Neuroscience, Groningen University, the Netherlands: "Antidepressants and Pregnancy: Are they safe?"
- 2017 Mini-symposium: Smart coping: serotonin transporter gene variation and environment Interact in determining the behavioural adaptation to stress, Donders Institute for Brain, Cognition and Behaviour, the Netherlands: "The effects of maternal stress and antidepressant treatment during pregnancy on social behaviour in the offspring".
- 2017 Pitch at Stress-NL consortium meeting, Amsterdam, the Netherlands.
- 2016 Reproductive origins of Adult Health and Disease meeting, "For Better or Worse? Antenatal Depression and Antidepressant Use during pregnancy, UMC Groningen, the Netherlands
- 2016 What about serotonin course for Psychiatrists, Vlieland, "Serotonin during development"
- 2015 GELIFES symposium, Groningen University, the Netherlands, 'Antidepressant use during pregnancy, for better or worse?'
- 2015 Reproductive origins of Adult Health and Disease symposium, "Antidepressants during pregnancy", UMC Groningen, the Netherlands
- 2014 Symposium: a life full serotonin, Utrecht University, the Netherlands. 'Antidepressant treatment during pregnancy: the impact of serotonin in the developing brain.'
- 2014 Key note lecturer at symposium of the Research school of Behavioral and Cognitive Neuroscience, Groningen University, the Netherlands. 'The impact of Selective serotonin reuptake inhibitors intake during pregnancy.'
- 2011 Endo-Neuro-Psycho Meeting, Doorwerth, the Netherlands. 'Fluoxetine administration to pregnant rats increases anxiety-related behavior in the offspring.'
- 2009 Figo Dutch Medicines days, Lunteren, the Netherlands. 'The paradoxical effects of age-dependent exposure to Prozac.'
- 2006 Endo-Neuro-Psycho Meeting, Doorwerth, the Netherlands. 'Serotonin transporter knockout rat as a new model for depression.'
- 2006 Endo-Neuro-Psycho Meeting, Doorwerth, the Netherlands. 'Phenotypical characteristics of rats with a dysfunctional dopamine D1 receptor induced by ENU mutagenesis.'

Professionalization

- 2025 Training confidential counselor, Landelijk Instituut Vertrouwingspersonen, the Netherlands (4 days)
- 2024 Inclusive leadership course (1 day course organized by talent to the top, Amstelveen the Netherlands)
- 2023 Active Bystander course (1/2 day)
- 2022 Academic Leadership at the University of Groningen, takcs-verheijden, the Netherlands (4 days)
- 2021 inclusive recruitment training (3 mornings)
- 2020 Writing course provided by Maarten Keulemans, journalist of the national newspaper: de Volkskrant
- 2019 BKO (University Teaching Qualification)
- 2018 Media Training Course, Hakuna Matata, Science & Media, the Netherlands (3 days)
- 2017 Workshop: media strategy, Hakuna Matata, Science & Media, the Netherlands (1 day)
- 2017 Workshop: How to make a video of your research, Hakuna Matata, Science & Media, the Netherlands (1 day)
- 2016 Leadership Training for Young Researchers (6 days course organized by hfp consulting, Heidelberg, Germany)
- 2013 Academic teaching, Uppsala University, Sweden (5-week course)

Undergraduate courses taught

Coordinator or co-coordinator of the following courses:

- 2015-2020 Imaging Techniques (BSc, 5 ECTS) ~100 students
- 2015-2021 Advanced Imaging Techniques (MSc, 5 ECTS) ~ 20 students
- 2016-present Nutrition, Brain Development and Cognition (MSc, 5 ECTS) ~30 students
- 2016-present The Neuroendocrine Basis of Behaviour (Research MSc, 5 ECTS) ~20 students
- 2022-present Behavioural Pharmacology (Msc, 5 ECTS) ~20 students

Teacher in the following courses

- 2014-2022 Minor Neuroscience (BSc, 5 ECTS) ~50 students, 6 hrs lecture
- 2014-present Minor Behavioural Neuroscience (BSc, 5 ECTS) ~70 students, 2 hrs lecture
- 2014-present Behavioural Pharmacology (MSc, 5 ECTS) ~20 students, 8 hours lecture. 8hr tutorial
- 2014-2021 Psychobiology (BSc, 5 ECTS) tutor of 8 students (article presentation and grant proposal)
- 2014-2021 Behavioural Biology Research (BSc, 10 ECTS) guiding 2-4 students in research projects
- 2015-2021 Imaging Techniques (BSc, 5 ECTS) ~100 students, 2 lectures, 1 practical
- 2015-2021 Advanced Imaging Techniques (MSc, 5 ECTS) ~ 10 students, 2 lectures, 1 practical
- 2015-2017 Neurobiology of Aging (BSc, 5 ECTS) tutoring 8 students in preparing a presentation
- 2015-present Neuroscience Research (BSc, 10 ECTS) 1 hr lecture and guiding 2-6 students in research projects
- 2016-present First year symposium (BSc, 2 ECTS) guiding 2-4 students for a poster presentation
- 2016-present Nutrition, Brain Development and Cognition (MSc, 5 ECTS) ~30 students, 7 lectures, 3 practicals, guiding grant proposal writing
- 2016-present The Neuroendocrine Basis of Behaviour (Research MSc, 5 ECTS) ~20 students, 8 lectures, tutorials (23 hr), 2 practicals
- 2018-2023 Neurobiology (Bsc, 5 ECTS). 2hrs Lecture~ 20 students
- 2019-2023 Research skills (BSc, 5 ECTS), 2hrs lecture ~ 120 students
- 2020-2021 Microbiome (BSc, 5 ECTS) ~ 120 students, 1 lecture
- 2020-present Introduction to behavioural and cognitive neurosciences (Msc, 3 ECTS). 1hr lecture ~ 50 students

- 2020-present Epigenetics and Gene editing (BSc, 5ECTS) ~ 120 students, 7 lectures
 2023-present Competences and Professionalization in Biology
 2024 Host-microbiome interactions (BSc, 5 ECTS) ~ 120 students, 2 lectures
 2025-present Minor congress (Bsc, 5 ECTS) ~ 10 students, reports, press releases, presentations

Outreach and media

- 2015 Dignity in mental health interview by Lundbeck; Link: <http://dignity.lundbeck.com/?image=8>
 2015 Interview in animal testing: 2015 annual report, University Groningen
 2015 Announcement awarded Marie Slowdovska Curie Individual Fellowship MSCA IF on the Uppsala University website.
 Link: <http://www.kbh.uu.se/IMCH/News/?languageId=1&tarContentId=373742>
 2015 Facebook announcement from national journal Neuropraxis about article: *De impact van maternale depressieve en antidepressiva tijdens de zwangerschap op de nakomelingen*.
 Link: <https://www.facebook.com/Neuropraxis.Tijdschrift/?fref=ts>
 2016 Radio interview at BNR Newsradio: evolutionary consequences of caesarian section
 2016 Announcement in the newsletter of Faculty Mathematics and Natural Sciences, University of Groningen on awarded Nordic Health foundation grant.
 Link: <http://mailingtool.iwink.nl/webapp.php?rh=permalink&hash=a27fc7&mid=94355428>
 2016 Facebook announcement from national journal Neuropraxis about article: *Placebo – een ingewikkeld fenomeen*. Link: <https://www.facebook.com/Neuropraxis.Tijdschrift/?fref=ts>
 2016 Volunteer at the Cinekid Groningen Forum “Proefjes spektakel”.
 Link: <https://www.groningerforum.nl/agenda/activiteiten/proefjes-spektakel-cinekid-workshop>
 2016 Announcement NARSAD young investigator grant in the 2016 Young Investigator Grant Program
 Link: https://bbrfoundation.org/sites/bbrf.civicaactions.net/files/file-downloads/YI2016-FinalLowRes.pdf?enews&utm_source=eNews+List&utm_campaign=15caeb66ac-eNews_10_14_2016_A_B_Test&utm_medium=email&utm_term=0_fb7d503c0e-15caeb66ac-162203965&goal=0_fb7d503c0e-15caeb66ac-162203965
 2018 Presentation on “The brain”, including practical in sheep brain, to Young Investigators Groningen (age 8-12). Link: <https://github.com/dpstruwe/N-T-cursus-DJOG>
 2018 Announcement on University website on Membership Young Academy Groningen
 Link: www.rug.nl/news/2018/09/young-academy-groningen-welcomes-seven-new-members
 2018 Research Minute Movie, Introduction Movie for the Young Academy Groningen
 Link: <https://www.youtube.com/watch?v=jnaxXk5rUxc>
 2019 Vlog in Dagblad van het Noorden on my Research <https://www.dvhn.nl/groningen/1-op-de-5-zwangere-vrouwen-krijgt-depressie-klachten-mogen-zij-antidepressiva-25141562.html>
 2019 Organization committee for *Nacht van Kunst en Wetenschap* at the A-kerk, Groningen (June 2019). Theme “All Inclusive”.
 2019 Universiteit van Nederland podcast: Dierenlab op Rijksuniversiteit Groningen
<https://universiteitvannederland.nl/podcast/dierenlab-op-rijksuniversiteit-groningen>
 2019 Oog Tv: Honderden gebreide neuronen vormen kunstwerk (Night of Art and Science 2019)
<https://www.oogtv.nl/2019/05/honderden-gebreide-neuronen-vormen-kunstwerk/>
 2019 Dagblad van het Noorden: Insteken, draad omslaan en dan 279 neuronen (Project for Night of Art and Science 2019). <https://www.dvhn.nl/groningen/Insteken-draad-omslaan-en-dan-279-neuronen-in-de-boom-24532975.html>
 2019 Initiated and demonstrated community art “neural knitwork” at the night of Art and Science in the Aa-kerk, Groningen <https://nachtvankunstenwetenschap.nl/acts/community-art-neural-knitworks/>

- 2019 Participated in Galileo Figaro for the night of Art and Science. Harry Niehof, made a Gronings song about my work and we performed together in Huize de Beurs, Groningen.
<https://nachtvankunstenwetenschap.nl/acts/galileo-figaro/>
- 2019 Initiator and organizer of the “Noorderlichten, The University of Noorderzon” at the Noorderzon Festival
1) Noorderzon website: <https://www.noorderzon.nl/programma/programma-items/young-academy-groningen-2>
2) Dagblad van het Noorden: <https://www.dvhn.nl/groningen/Geen-silent-disco-maar-silent-college-op-Noorderzon-24721961.html>
3) Dagblad van het Noorden: <https://www.dvhn.nl/groningen/Sarah-7-vermaakt-zich-prima-op-Noorderzon-24744192.html>
4) Gezinsbode: <https://gezinsbode.nl/artikel/1039748/mensen-kijken-in-de-achtertuint.html>
5) Radio Noord: <https://www.rtvnoord.nl/radio/programma/20700/Karel-op-Noord/aflevering/26264>
- 2019 Using ethovision XT as educational tool. Video on the Noldus website and youtube:
https://www.youtube.com/watch?v=BrFhiz_tFbs
- 2019 Goede reis! Magazine issue 04; winter 2019; page 29: Traveler interview
- 2020 Blog University upside down (in times of COVID-19): The last week of homeschooling is over. I’m secretly going to miss it a little bit.
<https://myuniversity.rug.nl/infonet/medewerkers/actueel/upside-down-world/the-last-week-of-homeschooling-is-over-im-secretly-going-to-miss-it-a-little-bit-08-06-2020>
- 2020 Transparency Thursday – European Animal Research Association – answering all questions from the general public on Instagram. <https://www.youtube.com/watch?v=YFqtzRCHUFk>
- 2020 Life sciences in the Netherlands, the next step. Youtube movie on my research
<https://www.youtube.com/watch?v=JRMXPYMW06s>
- 2021 Olivier, J. & Peels-Matthey, S. , 1-Sep-2021 , Jong Geleerd is Oud gedaan. In: Achterhaalde Waarheid? Zin en onzin van spreekwoorden. Bolderdijk, J. W., Peels-Matthey, S. & Popkema, A. (eds.). Assen: In Boekvorm Uitgevers , p. 72-77 6 p. <https://www.inboekvorm.nl/a-65496756/alle-uitgaven/achterhaalde-waarheid-zin-en-onzin-van-spreekwoorden/#description>
- 2021 news article in the RUG magazine – fascinated by serotonin
<https://www.rug.nl/news/2021/03/fascinated-by-serotonin>
- 2021 Interview in Glasnost Noorderzon, festival of performing Arts & Society – what is DNA?
- 2021 Initiator and organizer of Young Academy Groningen activities at Noorderzon festival, Groningen, the Netherlands
- 2021 Pass-on blog Making Connections <https://research.rug.nl/en/clippings/pass-on-blog-making-connections-jocelien-olivier-on-the-strategic>
- 2021 Interview for AVROTROS Radar television. Hoe blijf je positief in de donkere maanden? Tips van een neurowetenschapper. <https://radar.avrotros.nl/hulp-tips/hulpartikelen/item/hoe-blijf-je-positief-in-de-donkere-maanden-tips-van-een-neurowetenschapper/>
- 2021 Brain awareness week, Antidepressiva tijdens de zwangerschap.
<https://neurofederatie.nl/BAW21>
- 2022 Presentation on “The brain”, including practical in sheep brain, to Young Investigators Groningen (age 8-12). Natuur en techniek: Link: <https://github.com/dpstruwe/N-T-cursus-DJOG/blob/master/Rooster.md>
- 2022 Kelder & Co, radio NPO1, 4 juni <https://www.nporadio1.nl/fragmenten/dr-kelder-en-co/9657ba68-907f-46d1-b076-e09726380867/2022-06-03-depressieve-ratjes>
- 2022 Speaker at Noorderzon festival, Groningen, the Netherlands: Sexual Healing?
<https://www.noorderzon.nl/nieuws/de-eerste-namen-voor-noorderzon-2022>
- 2024 Colorful minds, Brain awareness week 2024.
<https://www.youtube.com/watch?v=nUh1JYJzqYE&t=1s>

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- 2024 Marvelous mind. Forum, Groningen. Introducing the female brain before the movie Barbie was displayed. <https://forum.nl/nl/marvelous-mind>
- 2025 Interview for Quest. Serotonin: meer dan een gelukstofje. <https://www.quest.nl/mens/psychologie/a63784370/wat-doet-serotonine/>
- 2025 Interview for Quest. Wanneer heb je een serotonine-tekort? <https://www.quest.nl/mens/psychologie/a63837897/serotonine-tekort/>
- 2025 Interview for Knack (Belgium). Factcheck: geeft een dieet als intermittent fasting meer zin in seks? <https://www.knack.be/factcheck/factcheck-geeft-intermittent-fasting-meer-zin-in-seks/>