

Jocelien Olivier
Associate Professor
Olivier lab



Qualifications

Psychoneuropharmacology, PhD, Phenotyping the serotonin transporter knockout rat: a behavioural, pharmacological and physiological approach. A new animal model of human serotonergic disorders, Radboud University Nijmegen Medical Centre

1-Nov-2003 → 1-Dec-2008

Award Date: 27-Nov-2008

Medical Biology, Master, Effects of acute and chronic apomorphine on sex behavior and copulation-induced neural activation in the male rat., Free University Amsterdam

2000 → 2002

Award Date: 1-Jul-2002

Zoology, Bachelor, CREB activity in the nucleus accumbens shell controls behavioral responses to naloxone., Hogeschool Utrecht

1995 → 2000

Award Date: 30-Jun-2000

Employment

Associate Professor

Olivier lab

University of Groningen

16-Jun-2014 → present

Research outputs

Perinatal exposure to fluoxetine and maternal adversity affect myelin-related gene expression and epigenetic regulation in the corticolimbic circuit of juvenile rats

Ramsteijn, A. S., Verkaik-Schakel, R. N., Houwing, D. J., Plösch, T. & Olivier, J. D. A., Aug-2022, In:

Neuropsychopharmacology : official publication of the American College of Neuropsychopharmacology. 47, p. 1620–1632 13 p.

Antidepressants, sexual behavior, and translational models for male sexual dysfunction: Development of animal models, pharmacology, and genetics

Olivier, J., Janssen, J., Pattij, T., De Prêtre, S. & Olivier, B., 12-Feb-2022, *Translational Research Methods for Major Depressive Disorder*. Kim, Y. K. & Amidfar, M. (eds.). New York: Humana, New York, NY, Vol. 179. p. 451-515 64 p. (Neuromethods; vol. 179).

Effects of perinatal fluoxetine exposure on novelty-induced social and non-social investigation behaviors in a seminatural environment

Sylte, O. C., Johansen, J. S., Heinla, I., Houwing, D. J., Olivier, J. D. A., Heijkoop, R. & Snoeren, E. M. S., Dec-2021, In: *Psychopharmacology*. 238, p. 3653–3667

Editorial: The complex biopsychosocial interactions that create stress resilience

Sucecki, D., Souza-Talarico, J. N., Hamani, C. & Olivier, J. D., 22-Nov-2021, In: *Frontiers in Behavioral Neuroscience*. 15, 2 p., 795312.

Jong geleerd is oud gedaan

Olivier, J. & Peels-Matthey, S., 1-Sept-2021, *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.

Achterhaalde waarheid? Zin en onzin van spreekwoorden

Bolderdijk, J. W., Peels-Matthey, S., Popkema, A. & Olivier, J., Sept-2021, Assen: In Boekvorm Uitgevers.

Male rat sexual behavior: Insights from inter-copulatory intervals

Huijgens, P. T., Guarraci, F. A., Olivier, J. D. A. & Snoeren, E. M. S., Sept-2021, In: Behavioural Processes. 190, 10 p., 104458.

The continued need for animals to advance brain research

Homberg, J. R., Adan, R. A. H., Alenina, N., Asiminas, A., Bader, M., Beckers, T., Begg, D. P., Blokland, A., Burger, M. E., van Dijk, G., Eisel, U. L. M., Elgersma, Y., Englitz, B., Fernandez-Ruiz, A., Fitzsimons, C. P., van Dam, A-M., Gass, P., Grandjean, J., Havekes, R., Henckens, M. J. A. G., & 54 others Herden, C., Hut, R. A., Jarrett, W., Jeffrey, K., Jezova, D., Kalsbeek, A., Kamermans, M., Kas, M. J., Kasri, N. N., Kiliaan, A. J., Kolk, S. M., Korosi, A., Korte, S. M., Kozicz, T., Kushner, S. A., Leech, K., Lesch, K-P., Lesscher, H., Lucassen, P. J., Luthi, A., Ma, L., Mallien, A. S., Meerlo, P., Mejjas, J. F., Meye, F. J., Mitchell, A. S., Mul, J. D., Olcese, U., González, A. O., Olivier, J. D. A., Pasqualetti, M., Pennartz, C. M. A., Popik, P., Prickaerts, J., de la Prida, L. M., Ribeiro, S., Roozendaal, B., Rossato, J. I., Salari, A-A., Schoemaker, R. G., Smit, A. B., Vanderschuren, L. J. M. J., Takeuchi, T., van der Veen, R., Smidt, M. P., Vyazovskiy, V. V., Wiesmann, M., Wierenga, C. J., Williams, B., Willuhn, I., Wöhr, M., Wolvekamp, M., van der Zee, E. A. & Genzel, L., 4-Aug-2021, In: Neuron. 109, 15, p. 2374-2379 6 p.

De effecten van het gebruik van antidepressiva tijdens de zwangerschap in het nageslacht

Olivier, J., 15-Mar-2021

Consequences of early hearing loss on brain and behavior in rats

Jagersma, J., Olivier, J. & Pyott, S. J., 2021.

Neurobiological underpinnings of noise induced hearing loss on altered social and cognitive behavior: evaluation of cortical thickness and neurogenesis

Jagersma, J., Olivier, J. & Pyott, S. J., 2021.

Neurobiological underpinnings of noise induced hearing loss on altered social and cognitive behavior: evaluation of cortical thickness and neurogenesis

Jagersma, J., Olivier, J. & Pyott, S. J., 2021.

Correction: How the COVID-19 pandemic highlights the necessity of animal research (vol 30, pg R1014, 2020)

Genzel, L., Adan, R., Berns, A., van den Beucken, J. J. P., Blokland, A., Boddeke, E. H. W. G. M., Bogers, W. M., Bontrop, R., Bulthuis, R., Bousema, T., Clevers, H., Coenen, T. C. J. J., van Dam, A-M., Deen, P. M. T., van Dijk, K. W., Eggen, B. J. L., Elgersma, Y., Erdogan, I., Englitz, B., van Vlissingen, J. M. F., & 62 others la Fleur, S., Fouchier, R., Fitzsimons, C. P., Frieling, W., Haagmans, B., Heesters, B. A., Henckens, M. J. A. G., Herfst, S., Hol, E., van den Hove, D., de Jonge, M. I., Jonkers, J., Joosten, L. A. B., Kalsbeek, A., Kamermans, M., Kampinga, H. H., Kas, M. J., Keijer, J., Kersten, S., Kiliaan, A. J., Kooij, T. W. A., Kooijman, S., Koopman, W. J. H., Korosi, A., Krugers, H. J., Kuiken, T., Kushner, S. A., Langermans, J. A. M., Lesscher, H. M. B., Lucassen, P. J., Lutgens, E., Netea, M. G., Noldus, L. P. J. J., van der Meer, J. W. M., Meye, F. J., Mul, J. D., van Oers, K., Olivier, J. D. A., Pasterkamp, R. J., Philippens, I. H. C. H. M., Prickaerts, J., Pollux, B. J. A., Rensen, P. C. N., van Rheenen, J., van Rij, R. P., Ritsma, L., Rockx, B. H. G., Roozendaal, B., van Schothorst, E. M., Stittelaar, K., Stockhofe, N., Swaab, D. F., de Swart, R. L., Vanderschuren, L. J. M. J., de Vries, T. J., de Vrij, F., van Wezel, R., Wierenga, C. J., Wiesmann, M., Willuhn, I., de Zeeuw, C. I. & Homberg, J. R., 2-Nov-2020, In: Current Biology. 30, 21, p. 4328-4328 1 p.

Female rat sexual behavior is unaffected by perinatal fluoxetine exposure

Hegstad, J., Huijgens, P. T., Houwing, D. J., Olivier, J. D. A., Heijkoop, R. & Snoeren, E. M. S., Oct-2020, In: Psychoneuroendocrinology. 120, 14 p., 104796.

How the COVID-19 pandemic highlights the necessity of animal research

Genzel, L., Adan, R., Berns, A., van den Beucken, J., Blokland, A., Boddeke, E. H. W. G. M., Bogers, W. M., Bontrop, R., Bulthuis, R., Bousema, T., Clevers, H., Coenen, T. C. J. J., Dam, A-M. V., Deen, P. M. T., van Dijk, K. W., Eggen, B. J. L., Elgersma, Y., Erdogan, I., Englitz, B., Fentener van Vlissingen, J. M., & 62 others la Fleur, S., Fouchier, R., Fitzsimons, C. P., Frieling, W., Haagmans, B., Heesters, B. A., Henckens, M., Herfst, S., Hol, E., van den Hove, D., de Jonge, M. I., Jonkers, J., Joosten, L. A. B., Kalsbeek, A., Kamermans, M., Kampinga, H. H., Kas, M. J., Keijer, J., Kersten, S., Kiliaan,

A. J., Kooij, T. W. A., Kooijman, S., Koopman, W. J. H., Korosi, A., Krugers, H. J., Kuiken, T., Kushner, S. A., Langermans, J. A. M., Lesscher, H., Lucassen, P. J., Lutgens, E., Netea, M. G., Noldus, L. P. J. J., van der Meer, J. W. M., Meye, F. J., Mul, J. D., van Oers, K., Olivier, J. D. A., Pasterkamp, R. J., Philippens, I. H. C. H. M., Prickaerts, J., Pullox, B. J. A., Rensen, P. C. N., van Rheenen, J., van Rij, R. P., Ritsma, L., Rockx, B. H. G., Roozendaal, B., van Schothorst, E. M., Stittelaar, K., Stockhofe, N., Swaab, D. F., de Swart, R. L., Vanderschuren, L. J. M. J., de Vries, T., de Vrij, F., van Wezel, R., Wierenga, C. J., Wiesmann, M., Willuhn, I., de Zeeuw, C. I. & Homberg, J. R., 21-Sept-2020, In: *Current Biology*. 30, 18, p. R1014-R1018 5 p.

Perinatal fluoxetine treatment and dams' early life stress history have opposite effects on aggressive behavior while having little impact on sexual behavior of male rat offspring

Houwing, D. J., Esquivel-Franco, D. C., Ramsteijn, A. S., Schuttel, K., Struik, E. L., Arling, C., de Boer, S. F. & Olivier, J. D. A., Sept-2020, In: *Psychopharmacology*. 237, 9, p. 2589-2600 12 p.

Perinatal fluoxetine treatment and dams' early life stress history alter affective behavior in rat offspring depending on serotonin transporter genotype and sex

Houwing, D. J., Schuttel, K., Struik, E. L., Arling, C., Ramsteijn, A. S., Heinla, I. & Olivier, J. D. A., 17-Aug-2020, In: *Behavioural Brain Research*. 392, 10 p., 112657.

Third-party prosocial behavior in adult female rats is impaired after perinatal fluoxetine exposure

Heinla, I., Heijkoop, R., Houwing, D. J., Olivier, J. D. A. & Snoeren, E. M. S., 1-Aug-2020, In: *Physiology & Behavior*. 222, 11 p., 112899.

Antidepressant treatment with fluoxetine during pregnancy and lactation modulates the gut microbiome and metabolome in a rat model relevant to depression

Ramsteijn, A. S., Jašarević, E., Houwing, D. J., Bale, T. L. & Olivier, J. D. A., Jul-2020, In: *Gut Microbes*. 11, 4, p. 735-753 19 p.

Perinatal selective serotonin reuptake inhibitor exposure and behavioral outcomes: A systematic review and meta-analyses of animal studies

Ramsteijn, A. S., Van de Wijer, L., Rando, J., van Luijk, J., Homberg, J. R. & Olivier, J. D. A., Jul-2020, In: *Neuroscience and Biobehavioral Reviews*. 114, p. 53-69 17 p.

Perinatal fluoxetine exposure disrupts the circadian response to a phase-shifting challenge in female rats

Houwing, D. J., de Waard, J., Ramsteijn, A. S., Woelders, T., de Boer, S. F., Wams, E. J. & Olivier, J. D. A., 12-Jun-2020, In: *Psychopharmacology*. 237, 8, p. 2555-2568 14 p.

Pharmacological studies on the role of 5-HT_{1A} receptors in male sexual behavior of wildtype and serotonin transporter knockout rats

Esquivel-Franco, D. C., de Boer, S. F., Waldinger, M., Olivier, B. & Olivier, J. D. A., 31-Mar-2020, In: *Frontiers in Behavioral Neuroscience*. 14, 15 p., 40.

Translational studies in the complex role of neurotransmitter systems in anxiety and anxiety disorders

Olivier, J. D. A. & Olivier, B., 2020, *Anxiety Disorders*. Kim, Y. K. (ed.). Singapore: Springer, p. 121-140 20 p. (Advances in experimental medicine and biology; vol. 1191).

The effect of antenatal depression and antidepressant treatment on placental tissue: A protein-validated gene expression study

Edvinsson, Å., Hellgren, C., Kunovac Kallak, T., Åkerud, H., Skalkidou, A., Stener-Victorin, E., Fornes, R., Spigset, O., Lager, S., Olivier, J. & Sundström-Poromaa, I., 5-Dec-2019, In: *BMC Pregnancy and Childbirth*. 19, 1, 479.

Influences of maternal vulnerability and antidepressant treatment during pregnancy on the developing offspring

Olivier, J. & Staal, L., 20-Nov-2019, *Antidepressants - Preclinical, Clinical and Translational Aspects*. Olivier, B. (ed.). IntechOpen

Antidepressants and sexual dysfunctions: A translational perspective

Olivier, J. & Olivier, B., 17-Jul-2019, In: *Current sexual health reports*. 11, p. 156-166 11 p.

Constitutive serotonin transporter reduction resembles maternal separation with regard to stress-related gene expression
Comasco, E., Schijven, D., de Maeyer, H., Vrettou, M., Nylander, I., Sundström-Poromaa, I. & Olivier, J. D. A., 17-Jul-2019, In: ACS chemical neuroscience. 10, p. 3132-3142 11 p.

Perinatal fluoxetine exposure changes social and stress-coping behavior in adult rats housed in a seminatural environment

Houwing, D. J., Heijkoop, R., Olivier, J. D. A. & Snoeren, E. M. S., Jun-2019, In: Neuropharmacology. 151, p. 84-97 14 p.

Subjecting dams to early life stress and perinatal fluoxetine treatment differentially alters social behavior in young and adult rat offspring

Houwing, D. J., Staal, L., Swart, J. M., Ramsteijn, A. S., Woehr, M., de Boer, S. F. & Olivier, J. D. A., 12-Mar-2019, In: Frontiers in Neuroscience. 13, 15 p., 229.

Maternal separation induces anhedonia in female heterozygous serotonin transporter knockout rats

Houwing, D. J., Ramsteijn, A. S., Riemersma, I. W. & Olivier, J. D. A., 1-Jan-2019, In: Behavioural Brain Research. 356, p. 204-207 4 p.

Serotonin and sexual behavior

Olivier, J., Esquivel Franco, D., Waldinger, M. D. & Olivier, B., 2019, *The Serotonin System: History, Neuropharmacology, and Pathology*. Tricklebank, M. & Daly, E. (eds.). Elsevier, p. 117-132

Using Ethovision XT as educational tool (Noldus)

Olivier, J., 2019

Tramadol's inhibitory effects on sexual behavior: Pharmacological studies in serotonin transporter knockout rats

Esquivel-Franco, D. C., Olivier, B., Waldinger, M. D., Gutierrez-Ospina, G. & Olivier, J. D. A., 27-Jun-2018, In: Frontiers in Pharmacology. 9, 11 p., 676.

Rats exposed to maternal depression and antidepressant treatment during development show sex differences in social behavior

Houwing, D. J., Ramsteijn, A. S., Staal, L., Swart, J. M. & Olivier, J. D. A., 3-Sept-2017, p. S667-S668. 2 p.

Serotonin transporter genotype modulates the gut microbiota composition in young rats, an effect augmented by early life stress

El Aidy, S., Ramsteijn, A. S., Dini-Andreote, F., van Eijk, R., Houwing, D. J., Salles, J. F. & Olivier, J. D. A., 3-Aug-2017, In: Frontiers in cellular neuroscience. 11, 12 p., 222.

Sexual dysfunction, depression and antidepressants: A translational approach

Olivier, J., Esquivel Franco, D. & Waldinger, M. D., 14-Jun-2017, *Sexual Dysfunction*. Olivier, B. (ed.). IntechOpen

The serotonin transporter and early life stress: Translational perspectives

Houwing, D. J., Buwalda, B., van der Zee, E. A., de Boer, S. F. & Olivier, J. D. A., 26-Apr-2017, In: Frontiers in cellular neuroscience. 11, 16 p., 117.

Tramadol: Effects on sexual behavior in male rats are mainly caused by its 5-HT reuptake blocking effects

Olivier, J. D. A., Esquivel Franco, D. C., Oosting, R., Waldinger, M., Sarnyai, Z. & Olivier, B., Apr-2017, In: Neuropharmacology. 116, p. 50-58 9 p.

Lower inflammatory markers in women with antenatal depression brings the M1/M2 balance into focus from a new direction

Edvinsson, Å., Bränn, E., Hellgren, C., Freyhult, E., White, R., Kamali-Moghaddam, M., Olivier, J., Bergquist, J., Boström, A. E., Schiöth, H. B., Skalkidou, A., Cunningham, J. L. & Sundström-Poromaa, I., 28-Feb-2017, In: Psychoneuroendocrinology. 80, p. 15-25 11 p.

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Iliadis, S. I., Sylvén, S., Hellgren, C., Olivier, J. D., Schijven, D., Comasco, E., Chrousos, G. P., Sundström Poromaa, I. & Skalkidou, A., Nov-2016, In: *Depression and Anxiety*. 33, p. 1023-1030 8 p.

Prenatal exposure to serotonin reuptake inhibitor antidepressants and offspring social behaviour

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Olivier, J. & Olivier, B., Aug-2016, In: *Neuropraxis*. 20, p. 127-132 6 p.

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Tandem mass spectrometry determined maternal cortisone to cortisol ratio and psychiatric morbidity during pregnancy-interaction with birth weight

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The role of the dopamine D1 receptor in social cognition: Studies using a novel genetic rat model

Homberg, J. R., Olivier, J. D. A., VandenBroeke, M., Youn, J., Ellenbroek, A. K., Karel, P., Shan, L., van Boxtel, R., Ooms, S., Balemans, M., Langedijk, J., Muller, M., Vriend, G., Cools, A. R., Cuppen, E. & Ellenbroek, B. A., 2016, In: *Disease models & mechanisms*. 2016, 9, p. 1147-1158 12 p.

Gene expression in placentas from nondiabetic women giving birth to large for gestational age infants

Ahlsson, F., Åkerud, H., Schijven, D., Olivier, J. & Sundstrom-Poromaa, I., Oct-2015, In: *Reproductive Sciences*. 22, 10, p. 1281-1288 8 p.

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The effect of antidepressant treatment during pregnancy on social behaviour in the offspring

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Treatment with serotonin reuptake inhibitors during pregnancy is associated with elevated corticotropin-releasing hormone levels

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Antenatal depression and antidepressants during pregnancy: Unraveling the complex interactions for the offspring

Olivier, J. D. A., Akerud, H. & Poromaa, I. S., 15-Apr-2015, In: *European Journal of Pharmacology*. 753, p. 257-262 6 p.

The effect of antenatal depression and selective serotonin reuptake inhibitor treatment on nerve growth factor signaling in human placenta

Kaihola, H., Olivier, J., Poromaa, I. S. & Åkerud, H., 22-Jan-2015, In: *PLoS ONE*. 10, 1, 15 p., e0116459.

The effects of antenatal depression and antidepressant treatment on placental gene expression

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De impact van maternale depressie en antidepressiva tijdens de zwangerschap op de nakomelingen.

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Serotonin 1A receptors and sexual behavior in a genetic model of depression

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The role of the serotonergic and GABA system in translational approaches in drug discovery for anxiety disorders

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The effects of maternal depression and maternal selective serotonin reuptake inhibitor exposure on offspring

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Depressie: Genen mechanismen en Farmacologie.

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The differential involvement of the serotonergic system in depression and antidepressant treatment of males and females

Kokras, N., Pitychoutis, P.M., Papadopoulou-Daifoti, Z. & Olivier, J., 2013, *The differential involvement of the serotonergic system in depression and antidepressant treatment of males and females*. (Serotonin Biosynthesis, Regulation and Health Implications; vol. chapter 6).

Developmental influence of the serotonin transporter on the expression of npas4 and GABAergic markers: Modulation by antidepressant treatment

Guidotti, G., Calabrese, F., Auletta, F., Olivier, J., Racagni, G., Homberg, J. & Riva, M. A., Feb-2012, In: *Neuropsychopharmacology : official publication of the American College of Neuropsychopharmacology*. 37, 3, p. 746-58 13 p.

Fluoxetine administration to pregnant rats increases anxiety-related behavior in the offspring

Olivier, J. D. A., Vallès, A., van Heesch, F., Afrasiab-Middelmann, A., Roelofs, J. J. P. M., Jonkers, M., Peeters, E. J., Korte-Bouws, G. A. H., Dederen, J. P., Kiliaan, A. J., Martens, G. J., Schubert, D. & Homberg, J. R., Oct-2011, In: *Psychopharmacology*. 217, 3, p. 419-32 14 p.

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Blockade of dopamine, but not noradrenaline, transporters produces hyperthermia in rats that lack serotonin transporters

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Reduced function of the serotonin transporter is associated with decreased expression of BDNF in rodents as well as in humans

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Knockout and mutant rats

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Vinkers, C. H., Olivier, B., Bouwknecht, J. A., Groenink, L. & Olivier, J., 2010, In: *The Open Pharmacology Journal*. 4

The serotonin transporter knockout rat: A review

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Serotonin transporter deficiency in rats contributes to impaired object memory

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Acute tryptophan depletion dose dependently impairs object memory in serotonin transporter knockout rats

Olivier, J. D. A., Jans, L. A. W., Korte-Bouws, G. A. H., Korte, S. M., Deen, P. M. T., Cools, A. R., Ellenbroek, B. A. & Blokland, A., Oct-2008, In: *Psychopharmacology*. 200, 2, p. 243-254 12 p.

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Homberg, J. R., De Boer, S. F., Raasø, H. S., Olivier, J. D. A., Verheul, M., Ronken, E., Cools, A. R., Ellenbroek, B. A., Schoffelmeer, A. N. M., Vanderschuren, L. J. M. J., De Vries, T. J. & Cuppen, E., Oct-2008, In: *Psychopharmacology*. 200, 3, p. 367-380 14 p.

Stress-induced hyperthermia and basal body temperature are mediated by different 5-HT(1A) receptor populations: A study in SERT knockout rats

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A study in male and female 5-HT transporter knockout rats: An animal model for anxiety and depression disorders

Olivier, J. D. A., Van Der Hart, M. G. C., Van Swelm, R. P. L., Dederen, P. J., Homberg, J. R., Cremers, T., Deen, P. M. T., Cuppen, E., Cools, A. R. & Ellenbroek, B. A., 27-Mar-2008, In: *Neuroscience*. 152, 3, p. 573-584 12 p.

Effects of acute and chronic apomorphine on sex behavior and copulation-induced neural activation in the male rat

Olivier, J. D. A., de Jong, T. R., Jos Dederen, P., van Oorschot, R., Heeren, D., Pattij, T., Waldinger, M. D., Coolen, L. M., Cools, A. R., Olivier, B. & Veening, J. G., 8-Dec-2007, In: *European Journal of Pharmacology*. 576, 1-3, p. 61-76 16 p.

Characterization of the serotonin transporter knockout rat: A selective change in the functioning of the serotonergic system

Homberg, J. R., Olivier, J. D. A., Smits, B. M. G., Mul, J. D., Mudde, J., Verheul, M., Nieuwenhuizen, O. F. M., Cools, A. R., Ronken, E., Cremers, T., Schoffelmeere, A. N. M., Ellenbroek, B. A. & Cuppen, E., 8-Jun-2007, In: *Neuroscience*. 146, 4, p. 1662-1676 15 p.

Generation of gene knockouts and mutant models in the laboratory rat by ENU-driven target-selected mutagenesis

Smits, B. M. G., Mudde, J. B., van de Belt, J., Verheul, M., Olivier, J., Homberg, J., Guryev, V., Cools, A. R., Ellenbroek, B. A., Plasterk, R. H. A. & Cuppen, E., Mar-2006, In: PHARMACOGENETICS AND GENOMICS. 16, 3, p. 159-169 11 p.

Reversal of startle gating deficits in transgenic mice overexpressing corticotropin-releasing factor by antipsychotic drugs

Dirks, A., Groenink, L., Westphal, K. G. C., Olivier, J. D. A., Verdouw, P. M., van der Gugten, J., Geyer, M. A. & Olivier, B., Oct-2003, In: Neuropsychopharmacology : official publication of the American College of Neuropsychopharmacology. 28, 10, p. 1790-1798 9 p.

CREB activity in the nucleus accumbens shell controls gating of behavioral responses to emotional stimuli

Barrot, M., Olivier, J. D. A., Perrotti, L. I., DiLeone, R. J., Berton, O., Eisch, A. J., Impey, S., Storm, D. R., Neve, R. L., Yin, J. C., Zachariou, V. & Nestler, E. J., 20-Aug-2002, In: Proceedings of the National Academy of Sciences of the United States of America. 99, 17, p. 11435-11440 6 p.

Activities

NWO Life2023

Jocelien Olivier (Member of scientific committee)
1-Jan-2023 → 1-Aug-2023

Dutch Neuroscience Meeting 2023

Jocelien Olivier (Treasurer of organising committee)
2023

Developmental programming

Jocelien Olivier (Invited speaker)
24-Nov-2022

The effects of maternal serotonin levels on regulatory mechanisms controlling development and behavioural outcome in the offspring

Jocelien Olivier (Invited speaker)
14-Sept-2022

Sexual Healing?

Jocelien Olivier (Speaker)
20-Aug-2022

Preclinical evidence for a new on-demand treatment for lifelong premature ejaculation: enduro

Jocelien Olivier (Speaker)
10-Jun-2022

De Jonge Onderzoekers - Natuur & Techniek-cursus 2022

Jocelien Olivier (Contributor) & Warner Hoornenborg (Contributor)
20-May-2022

Fundació La Marató de TV3 (External organisation)

Jocelien Olivier (Reviewer)
1-May-2022 → 15-Jul-2022

5 year lustrum Young Academy Groningen

Jocelien Olivier (Organiser)
7-Apr-2022

Preclinical evidence for a new on-demand treatment for lifelong premature ejaculation: enduro

Jocelien Olivier (Speaker)
19-Feb-2022

NWO Life2022

Jocelien Olivier (Member of scientific committee)
1-Jan-2022 → 1-Aug-2022

Dutch Neuroscience Meeting 2022

Jocelien Olivier (Treasurer of organising committee)
2022

Worldwide Women in Neuroscience - Partnership and Collaboration Committee (External organisation)

Jocelien Olivier (Member)
2022 → ...

Women in Science: Moving forward or backwards after the COVID-19 pandemic

Jocelien Olivier (Invited speaker)
23-Nov-2021

Noorderzon

Jocelien Olivier (Organiser)
17-Aug-2021 → 18-Aug-2021

Association of the serotonin transporter with gut microbiome composition

Jocelien Olivier (Speaker)
21-Jun-2021

European Association for Animal Research (EARA) - Transparency Thursday

Jocelien Olivier (Contributor)
14-Apr-2021

Current Topics in Behavioral Neurosciences (Journal)

Jocelien Olivier (Editorial board member)
2021 → ...

Dutch Neuroscience Meeting 2021

Jocelien Olivier (Treasurer of organising committee)
2021

The effects of abnormal serotonin levels during perinatal development

Jocelien Olivier (Keynote speaker)
15-Sept-2020

Young Academy Groningen (YAG) (External organisation)

Jocelien Olivier (Member of board)
1-Sept-2020 → 1-Sept-2022

How the serotonin transporter influences the microbiome and metabolites

Jocelien Olivier (Invited speaker)
17-Feb-2020

The mediating role of the placenta in antidepressant exposure in the live-bearing fish family Poeciliidae

Laura Staal (Speaker), F. J. Haan (Contributor), Y. Wang (Contributor), S.W.S. Gusselkloo (Contributor), Torsten Plosch (Contributor), Bregje Wertheim (Contributor), Bart J.A. Pollux (Contributor) & Jocelien D.A. Olivier (Contributor)

12-Feb-2020

Sexual behavior in male serotonin transporter knockout rats

Jocelien Olivier (Speaker)

24-Jan-2020

European Brain and Pharmacology Society (EBPS) Biennial Meeting 2021

Jocelien Olivier (Organiser)

1-Jan-2020 → 1-Aug-2022

Brain Cognition Behavior – The Netherlands (BCB-NL) (External organisation)

Jocelien Olivier (Member) & Ton Groothuis (Member)

2020 → ...

Current Topics in Behavioral Neurosciences (Journal)

Jocelien Olivier (Editor)

2020 → ...

Frontiers in Behavioral Neuroscience (Journal)

Jocelien Olivier (Guest editor)

2020 → 2021

Serotonergic antidepressants during development

Jocelien Olivier (Invited speaker)

20-Nov-2019

Women in Science: We can have it all!

Jocelien Olivier (Invited speaker)

14-Nov-2019

The role of serotonin during development

Jocelien Olivier (Speaker)

1-Nov-2019

Drugs and development

Jocelien Olivier (Speaker)

2-Oct-2019

Perinatal fluoxetine exposure and maternal early life stress differentially alter social behavior in young and adult rat offspring

Jocelien Olivier (Speaker)

24-Sept-2019

Universiteit van Noorderzon

Jocelien Olivier (Contributor) & Wanda Douwenga (Contributor)

19-Aug-2019

Universiteit van Noorderzon

Jocelien Olivier (Organiser) & Ward Rauws (Organiser)

16-Aug-2019 → 20-Aug-2019

Universiteit van Noorderzon

Jocelien Olivier (Contributor), Lilian Peters (Contributor) & Stella Weiland (Contributor)

16-Aug-2019

De Nacht van Kunst & Wetenschap

Jocelien Olivier (Contributor) & Wanda Douwenga (Contributor)
8-Jun-2019

De Nacht van Kunst & Wetenschap

Jocelien Olivier (Contributor)
8-Jun-2019

De Nacht van Kunst & Wetenschap

Jocelien Olivier (Member of organising committee)
8-Jun-2019

The effects of maternal serotonin levels on regulatory mechanisms controlling development and behavioral outcome in the offspring

Jocelien Olivier (Speaker)
28-May-2019

Young Academy of Groningen Early-Career Researcher's Lunch: Public engagement

Jocelien Olivier (Organiser)
23-Apr-2019

Young Academy of Groningen Early-Career Researcher's Lunch

Jocelien Olivier (Organiser)
6-Feb-2019

Dutch Neuroscience Meeting 2019

Jocelien Olivier (Treasurer of organising committee)
2019

Stichting Neurofederatie (Dutch Neurofederation) (External organisation)

Jocelien Olivier (Treasurer)
1-Jul-2018 → ...

Daily life of a Tenure Tracker

Jocelien Olivier (Invited speaker)
30-May-2018

Animal models of reproduction and development

Jocelien Olivier (Speaker)
2018

Dutch Neuroscience meeting 2018

Jocelien Olivier (Chair/vice-chair of organising committee)
2018

Frontiers in Neuroscience (Journal)

Jocelien Olivier (Guest editor)
2018 → 2019

Role of developmental serotonin in fish, rats, and humans

Jocelien Olivier (Speaker)
2-Nov-2017

The effects of maternal stress and antidepressant treatment during pregnancy on social behaviour in the offspring

Jocelien Olivier (Invited speaker)

20-Oct-2017

Antidepressants during pregnancy

Jocelien Olivier (Keynote speaker)

16-Feb-2017

Dutch Neuroscience meeting 2017

Jocelien Olivier (Chair/vice-chair of organising committee)

2017

Serotonin during development

Jocelien Olivier (Speaker)

9-Nov-2016

Cinekid Festival 2016

Jocelien Olivier (Contributor)

Oct-2016

Cinekid Groningen - Proefjes Spektakel

Jocelien Olivier (Advisor)

Oct-2016

Dutch Neuroscience Meeting 2016

Jocelien Olivier (Member of scientific committee)

2016

Translational animal models in Neuroscience for anxiety and depression

Jocelien Olivier (Invited speaker)

2016

The effects of antidepressant treatment during pregnancy on social behavior in rat offspring

Jocelien Olivier (Speaker)

27-Nov-2015

Antidepressants during pregnancy - For better or worse?

Jocelien Olivier (Invited speaker)

9-Apr-2015

Dutch Neuroscience Meeting 2015

Jocelien Olivier (Member of scientific committee)

2015

German-Israeli Foundation for Scientific Research and Development (External organisation)

Jocelien Olivier (Reviewer)

2015 → 2017

The impact of selective serotonin reuptake inhibitors intake during pregnancy

Jocelien Olivier (Keynote speaker)

8-Jul-2014

Antidepressant treatment during pregnancy: The impact of serotonin in the developing brain

Jocelien Olivier (Invited speaker)

24-Mar-2014

Prizes

BCN Poster Prize

Jagersma, Joëlle (Recipient), Olivier, Jocelien (Recipient) & van Tuinen-Pyott, Sonja (Recipient), 4-Feb-2021

BCN Seed Grant

Jagersma, Joëlle (Recipient), Koch, Ursula (Recipient), Olivier, Jocelien (Recipient) & van Tuinen-Pyott, Sonja (Recipient), 21-Dec-2021

Marie Skłodowska Curie Individual Fellowship

Olivier, Jocelien (Recipient), 1-May-2015

NARSAD Young Investigator Grant

Olivier, Jocelien (Recipient), 2016

Young Academy Groningen (YAG)

Olivier, Jocelien (Recipient), 2018

Press/Media

1 op de 5 zwangere vrouwen krijgt depressie-klachten, mogen zij antidepressiva?

Jocelien Olivier

15/12/2019

1 Media contribution

Announcement in the newsletter of Faculty Mathematics and Natural Sciences University of Groningen

Jocelien Olivier

27/01/2016

1 item of Media coverage

Anti-depressants use during pregnancy

Jocelien Olivier

07/12/2020

1 Media contribution

De Universiteit van Noorderzon

Jocelien Olivier, Ward Rauws, Warner Hoornenborg, Lilian Peters, Stella Weiland, Wanda Douwenga, Andrea Cabrera Arreola & Anton Scheurink

12/08/2019 → 19/08/2019

4 items of Media coverage

dr Kelder en Co - Depressieve ratjes

Jocelien Olivier

04/06/2022

1 Media contribution

Fascinatie voor serotonine

Sonja Pyott & Jocelien Olivier

15/03/2021

1 Media contribution

Hoe blijf je positief in de donkere maanden? Tips van een neurowetenschapper

Jocelien Olivier

12/09/2021

1 item of Media coverage

Honderden gebreide neuronen vormen kunstwerk

Jocelien Olivier, Maaïke de Heij & Romy Smit

07/05/2019 → 08/06/2019

1 item of Media coverage, 1 Media contribution

Jocelien Olivier has been awarded a Marie Slowdovska Curie Individual Fellowship MSCA IF

Jocelien Olivier

05/02/2015

1 item of Media coverage

National journal Neuropraxis: De impact van maternale depressive en antidepressiva tijdens de zwangerschap op de nakomelingen.

Jocelien Olivier

01/01/2015

1 Media contribution

Pass-on blog Making Connections – Jocelien Olivier on the strategic priorities of the Young Academy Groningen

Jocelien Olivier

08/11/2021

1 Media contribution

Radio interview at BNR Newsradio

Jocelien Olivier

06/12/2016

1 Media contribution

Research into the effects of antidepressants during pregnancy

Jocelien Olivier

01/01/2015

1 Media contribution

What can be changed in order to improve dignity within mental health?

Jocelien Olivier

30/08/2015

1 Media contribution

Young Academy Groningen welcomes eight new members

Jocelien Olivier

01/10/2018 → 02/10/2018

1 item of Media coverage, 1 Media contribution

Awards