



## Curriculum Vitae

Personal information **Jane Varul**

### Work experience

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Employer: Estonian State Agency of Medicines

- Start date: 04.2025
- End date:
- Position: Non-clinical assessor
- Country: Estonia

Employer: University of Tartu

- Start date: 09.2018
- End date: 08.2020
- Position: Junior Researcher
- Country: Estonia

### Education and training

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Subject: University of Tartu

- Start date: 09.2015
- End date: 01.2023
- Qualification: PhD (neurosciences)
- Country: Estonia

Subject: University of Tartu

- Start date: 09.2013
- End date: 06.2015
- Qualification: MSc (gene technology)
- Country: Estonia

Subject: Tallinn Health Care College

- Start date: 09.2009
- End date: 06.2012
- Qualification: BSc (assistant pharmacist)
- Country: Estonia

### Additional information

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#### Publications

- Kaare M, Jayaram M, Jagomäe T, Singh K, Kilk K, Mikheim K, Leevik M, Leidmaa E, **Varul J**, Nõmm H, Rähn K, Visnapuu T, Plaas M, Lilleväli K, Schäfer MKE, Philips MA, Vasar E. Depression-Associated *Negr1* Gene-Deficiency Induces Alterations in the Monoaminergic Neurotransmission Enhancing Time-Dependent Sensitization to Amphetamine in Male Mice. *Brain Sci.* 2022 Dec 10;12(12):1696. doi: 10.3390/brainsci12121696. PMID: 36552158; PMCID: PMC9776224.
- **Varul J**, Eskla KL, Piirsalu M, Innos J, Philips MA, Visnapuu T, Plaas M, Vasar E. Dopamine System, NMDA Receptor and EGF Family Expressions in Brain Structures of Bl6 and 129Sv Strains Displaying Different Behavioral Adaptation. *Brain Sci.* 2021 May 29;11(6):725. doi: 10.3390/brainsci11060725. PMID: 34072341; PMCID: PMC8227283.

- Vanaveski T, Molchanova S, Pham DD, Schäfer A, Pajanoja C, **Narvik J**, Srinivasan V, Urb M, Koivisto M, Vasar E, Timmusk T, Minkeviciene R, Eriksson O, Lalowski M, Taira T, Korhonen L, Voikar V, Lindholm D. PGC-1 $\alpha$  Signaling Increases GABA(A) Receptor Subunit  $\alpha$ 2 Expression, GABAergic Neurotransmission and Anxiety-Like Behavior in Mice. *Front Mol Neurosci*. 2021 Feb 1;14:588230. doi: 10.3389/fnmol.2021.588230. PMID: 33597848; PMCID: PMC7882546.
- Singh K, Lilleväli K, Gilbert SF, Bregin A, **Narvik J**, Jayaram M, Rahi M, Innos J, Kaasik A, Vasar E, Philips MA. The combined impact of IgLON family proteins Lsamp and Neurotrimin on developing neurons and behavioral profiles in mouse. *Brain Res Bull*. 2018 Jun;140:5-18. doi: 10.1016/j.brainresbull.2018.03.013. Epub 2018 Mar 29. PMID: 29605488.
- Vanaveski T, **Narvik J**, Innos J, Philips MA, Ottas A, Plaas M, Haring L, Zilmer M, Vasar E. Repeated Administration of D-Amphetamine Induces Distinct Alterations in Behavior and Metabolite Levels in 129Sv and Bl6 Mouse Strains. *Front Neurosci*. 2018 Jun 12;12:399. doi: 10.3389/fnins.2018.00399. PMID: 29946233; PMCID: PMC6005828.
- **Narvik J**, Vanaveski T, Innos J, Philips MA, Ottas A, Haring L, Zilmer M, Vasar E. Metabolic profile associated with distinct behavioral coping strategies of 129Sv and Bl6 mice in repeated motility test. *Sci Rep*. 2018 Feb 21;8(1):3405. doi: 10.1038/s41598-018-21752-9. PMID: 29467440; PMCID: PMC5821849.
- Vanaveski T, Singh K, **Narvik J**, Eskla KL, Visnapuu T, Heinla I, Jayaram M, Innos J, Lilleväli K, Philips MA, Vasar E. Promoter-Specific Expression and Genomic Structure of IgLON Family Genes in Mouse. *Front Neurosci*. 2017 Feb 2;11:38. doi: 10.3389/fnins.2017.00038. PMID: 28210208; PMCID: PMC5288359.

#### Projects

Project: SZ\_TEST (ID: 734791; Marie Skłodowska-Curie Action)

- Start date: 01.2017
- End date: 12.2020

Project: COST Teatime Action (ID: CA20135)

- Start date: 10.2021
- End date: 10.2025

#### Memberships

#### Other Relevant Information

Maternity leave: June 2020 - December 2021