

## Two postdoc positions (m/f/d) available in the Tchumatchenko group

The Tchumatchenko Group is seeking to attract two highly motivated postdoc candidates (0-5 years post PhD) to conduct research in the field of computational neuroscience. Prof. Tatjana Tchumatchenko was recently appointed a Henriette Herz scout at the Alexander von Humboldt foundation and is looking to attract two international postdocs through this funding scheme [1].

The ideal candidate will be an international, highly motivated, scientifically curious postdoctoral fellow with a strong work ethic and a PhD degree in life sciences, Neuroscience, Physics, Mathematics, Engineering or similar disciplines who is looking to answer open questions in computational neuroscience. Great social skills, excellent command of the English language and enthusiasm for working in a competitive interdisciplinary research team are essential.

Potential scientific projects should lie either at the boundary between behavioral analysis and circuit neuroscience or at the boundary between molecular dynamics and circuit neuroscience: how is the molecular dynamics organized across the brain and what are statistical differences across cell types? How can we design computational models and conduct data analysis at the level of transcriptomes and proteomes to understand the implementation of physiological and behavioral conditions across the brain? How can we relate learning at the level of synapses and circuits to behavioral changes observed in animals? Can we identify behavioral states and link them to particular circuit activity states?

Please send your application together with a cover letter, a CV with contact details from one academic reference and copies of all relevant degree certificates to [tatjana.tchumatchenko@uni-bonn.de](mailto:tatjana.tchumatchenko@uni-bonn.de). Please include in your subject line "AvH Application your name". We are looking forward to your application!

Duration and salary will be according to the fellowship scale of the Alexander von Humboldt foundation. Start date negotiable.

[1] <https://www.humboldt-foundation.de/bewerben/foerderprogramme/henriette-herz-scouting-programm>