Postdoc Research Group Siegert

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The Institute of Science and Technology Austria (ISTA) is a growing international institute for conducting frontier research in mathematics, computer science, and the life and physical sciences. We recruit passionate professionals from all over the world and from all fields who support our goals of excellence in research and science management. Located on a beautiful campus on the outskirts of Vienna, we offer numerous opportunities for personal growth in a stable working environment. Get an insight!

Postdoctoral position

Postdoc with focus on applied data analysis in Research Group Siegert. In recent years, microglia, traditionally classified as immune-response, have been shown to adjust synaptic connection during development and disease. However, their role in the adult nervous system has been mostly diminished to an observer of environmental insults. We have recently shown that selective drug manipulation stimulates microglia and restores juvenile-like plasticity. The Neuroimmunology research group of Sandra Siegert aims now to explore how brain activity is altered upon drug exposure. In our team, we are combining multiple biological methods from molecular to function and behavior, and looking now for a team member, who likes to work in this interdisciplinary environment and is curious to explore how microglia influence our brain.

Your profile

- PhD in computational biology, statistical physics, applied mathematics, neurobiology, or similar
- Knowledge and prior experience in developing and applying computational methods to large (biological) datasets
- Exhibit critical thinking skills and the ability to work independently
- Excellent communication and presentation skills
- Motivated to work closely with scientists of other disciplines
- Eligible to meet the criteria of the NOMIS Fellowship or IST-BRIDGE Program

Your benefits

- Education & training
- Cafeteria
- Childcare
- Free shuttle bus
- Multiple health offers
- Pension insurance

Application Deadline: flexible start date

Application documents: A motivation letter, CV and two reference letters.
To submit your application please email: sandra.siegert@ist.ac.at

* This position comes with possible overpayment depending on education, qualification and work experience. IST Austria processes your personal data in accordance with the law. For more information, please refer to www.ist.ac.at/data-protection.