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IST Austria is a constantly growing international institute for conducting frontier research in the life sciences, the physical sciences, mathematics, and computer science, located in Klosterneuburg on the outskirts of Vienna.

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**Postdoc**

**FULL TIME (40h)**

The groups of Carrie Bernecky and Gaia Novarino are looking for a highly motivated Postdoc holding a Ph.D. in structural biology or biochemistry. The project is a collaboration between the Bernecky group, which studies the structural basis of transcriptional and post-transcriptional gene regulation, and the Novarino group, which focuses on the genetic and molecular basis of neurodevelopmental disorders. The goal of the joint project will be to elucidate molecular mechanisms responsible for the development of autism and intellectual disability. The successful candidate will use biochemical, structural, and genomic techniques to investigate a frequently mutated protein and how it may link transcription and chromatin modification.

Our facilities include several transmission electron microscopes (TEMs) for negative stain and cryo-EM sample screening, including a FEI Tecnai 12 (120 kV) equipped with a CCD camera and a Thermo Fisher Glacios cryo-TEM (200 kV) equipped with a Falcon III direct electron detector. A 300-kV Thermo Fisher Titan Krios TEM equipped with state-of-the-art direct electron detectors (Falcon III, K3) is available for high-resolution data collection.

IST Austria is located in Klosterneuburg at the outskirts of Vienna with its rich cultural life and immediate access to nature, e.g. in the Viennese Forest. We offer an outstanding research environment in a young and vibrant institution that covers cell, developmental and evolutionary biology, neurosciences biophysics, mathematics, and computer science. This video provides a bird's eye view of IST Austria.

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**Requirements**

- PhD in structural biology, biochemistry or related discipline
- Proven experience in recombinant protein expression and purification of multi-subunit protein complexes
- Experience in chromatin biology, nucleosome reconstitution and/or cryo-electron microscopy is a plus
- Proven competitive research track record
- Self-motivation, excellent communication skills

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**Application procedure**

Formal applications should include a CV, a statement of research experience and interests, and the contact details of three referees. Please send applications as a single PDF document to: carrie.bernecky@ist.ac.at

We offer a minimum salary of EUR 3,500 to 4,000 gross/month, with possible overpayment depending on education, qualification and experience. IST Austria processes your personal data in accordance with the statutory data protection regulations. For more information including your rights as a data subject please refer to our data privacy statement: https://ist.ac.at/data-protection/.