



Rigshospitalet



Data Privacy Analyst at the Neurobiology Research Unit, Rigshospitalet and University of Copenhagen, Denmark

A 1-year position is available at the Neurobiology Research Unit (NRU) at Rigshospitalet and University of Copenhagen (UCPH), Denmark, with a starting date based on receiving a suitable candidature.

About your project

Your work applies state-of-the-art quantitative data privacy metrics, including measures of resemblance (e.g. Kolmogorov distance) and efficacy (e.g. machine learning classification AUROC) to biomedical data. You will collaborate with experts in the neuroimaging field to understand the data quality, features, and dimensionality and bring your expertise in quantifying privacy before/after pseudonymization techniques. This work is part of the larger SIESTA EU-funded grant to provide secured cloud-based computing. No prior knowledge of biomedical data is required.

Eligibility criteria

We are looking for a dedicated and skilled individual with the following qualifications:

- a master's degree or PhD, within the data science/informatic or related fields.
- a proven record of experience with quantitative data privacy metrics.
- Fluency in English.

About NRU

Neurobiology Research Unit (NRU), the Neuroscience Center, Rigshospitalet, is a research center with approximately 125 scientists focusing on conducting translational neuroscience research on brain neurotransmission with the aim to promote preventive, diagnostic and therapeutic advances. We make use of in vivo molecular, structural, and functional brain imaging (PET and MRI) combined with genetic and biochemical approaches and behavioral assessments to uncover disease mechanisms and risk correlates as well as to determine drug effects. We also make use of animal and cell models as well as human brain tissue to investigate drug effects and diagnostic value in the clinic. We identify biomarkers and mechanisms behind neurobiological and psychiatric disorders and develop new treatment or prevention strategies. We bring discoveries from cells and animals into healthy volunteers and patients with brain disorders as early as possible.

The staff at NRU is composed of different nationalities and corporate language is English. NRU collaborates with many national and international research institutes and hosts the Lundbeck Foundation funded project BrainDrugs. NRU wishes our staff to reflect the diversity of the international scientific community and thus welcomes applications from all qualified candidates regardless of personal background.

Terms of employment

Employment will start as soon as possible.

The terms of employment and salary are in accordance with the agreement between Danish Regions and The Danish Confederation of Professional Associations on Academics in the Regions.

More information

More information about NRU can be found at <https://nru.dk/>.

For further information about the position, applicants may contact Dr. Cyril Pernet (cyril.pernet@nru.dk)

Application

The application must include a cover letter, a curriculum vitae, a proven record (a master or PhD thesis, a published article or conference paper) of experience with quantitative data privacy metrics, as well as diplomas.

The closing date for applications is **June 6th, 2024**.

Candidates must submit their application electronically by clicking the following link:

<https://candidate.hr-manager.net/ApplicationInit.aspx?cid=342&ProjectId=255199&DepartmentId=17198&MediaId=5>