

## MASTER PROJECT WITHIN SCHIZOPHRENIA RESEARCH

At the Research Laboratory for Stereology and Neuroscience, Bispebjerg Hospital ([www.bispebjerghospital.dk/forskningslaboratorium](http://www.bispebjerghospital.dk/forskningslaboratorium)), we have an opening for a master student, starting in early spring 2018.

The project is centred on the study of endophenotypic biomarkers, such as structural alterations, dendritic density and dopamine receptor binding levels in a congenital rodent model for schizophrenia-like behaviour.

The techniques you'll work with are:

- Receptor binding by autoradiography
- Immunocytochemistry
- Stereology quantification
- Densitometric analysis

We are looking for:

A highly motivated student who likes to work independently and at the same time is convinced that the best results are achieved by being part of a team. It is our aim that this project results in at least one publication where you will be either first- or co-author. Results will be presented at international conferences.

Are you are interested, please send your CV and academic record to Head of Molecular Biology Section Susana Aznar ([susana.aznar.kleijn@regionh.dk](mailto:susana.aznar.kleijn@regionh.dk); tlf 35316426). You are also welcome to call or send a mail if you want to hear more about the project.

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The Research Laboratory for Stereology and Neuroscience is a unit attached to the Department of Neurology at Bispebjerg Hospital. The laboratory is a basic research laboratory with a well-established expertise in morphological quantification methods of brain structures for illustrating changes associated with neurodegenerative and neuropsychiatric diseases. A molecular biology section at the laboratory is in charge of elucidating the cellular and molecular mechanisms associated with these diseases aetiology and progression.