Postdoc to study the functional consequences of long non-coding RNA (lncRNA) transcription in the Marquardt lab at the CPSC.

Postdoc Position in Non-coding Transcription

Copenhagen Plant Science Centre (CPSC) at the University of Copenhagen is seeking a postdoc commencing 1st September 2017 or as soon as possible thereafter. CPSC is a new initiative to promote excellent training opportunities in a modern research environment in the heart of Copenhagen. The position is for 2 years with the possibility of extension. A Hallas-Møller Investigator Award to Sebastian Marquardt funds the position.

http://novonordiskfonden.dk/en/content/hallas-
M%C3%B8ller-scholarship-
denmark.

Project description

The Marquardt lab is interested in the functional significance of abundant yet mysterious non-coding sequences present in genomes. http://cpsc.ku.dk/meet-the-
scientists-page/sebastian-marquardts-group/. We are looking for a postdoc to work on two lab focus areas within this field:

- Divergent lncRNA Transcription (1)
- Functional Consequences of Non-Coding Transcription (2, 3)

The position builds on unpublished data of the lab. We have identified novel factors controlling transcription of non-coding sequences in budding yeast. You will determine the genome-wide effect of these factors by suitable cutting-edge transcriptomics techniques. You will help to elucidate the molecular mechanisms that are required for divergent non-coding transcription from gene promoters. We use the knowledge of molecular mechanisms to study the functional roles of non-coding transcription in yeast and plants.

We are seeking an enthusiastic candidate familiar with high-throughput approaches, ideally with topically relevant research background. Please apply via the Copenhagen University job portal, where you can also find further information and application requirements:

http://jobportal.ku.dk/alle-opslag/?show=904563

Deadline: 15th June 2017.

(2) Marquardt et al. Mol Cell. 2014