



Postdoc in Bioinformatics / Statistical Genetics

The Bioinformatics Research Centre (BiRC), Aarhus University, has an opening for a Bioinformatician/Statistician to work on an EU-funded project, NextGene, which is conducted in collaboration with partners at deCODE Genetics, Iceland.

Next-generation disease mapping calls for methods that can handle complete genetic information and relate it to complex biological information on the disease phenotypes. In NextGene, research will be done on new methods that can find more variants contributing to disease by explicitly modelling their interaction and combine the statistical signal contributed by several rare variants.

The specific projects for the candidate will be of his/hers own choice as long as they are within methods development in association mapping within the scope of the NextGene project. There will also be the opportunity to test new methods on large scale sequencing and genotyping efforts.

The candidate will join a group of researchers in Association mapping and Bioinformatics headed by Søren Besenbacher, Thomas Mailund and Mikkel Schierup, together with several post docs and PhD students within the field. The candidate will also be in close contact with researchers at deCODE associated with the project with the possibility for shorter or longer visits to deCODE.

Candidates should have obtained a university degree in bioinformatics, statistics or other related fields. The initial contract will be for one year, with possibility of extension for one more year, depending on the success of the first year. The successful applicants will work at the Bioinformatics Research Centre, Aarhus University, in Aarhus, Denmark.

Please note that due to EU provisions applicants must not have resided or carried out his/her main activity in Denmark for more than 12 months in the 3 years immediately prior to his/her selection under the project. Short stays such as holidays are not taken into account.

For more information about the position, please contact Associate Professor Thomas Mailund, Tel + 45 8942 3125, mailund@birc.au.dk.