



Danish Headache Center, Rigshospitalet

Epigenetics in medication-overuse headache

Are you a studying **bioinformatics** and looking for a great project with expert supervision for master thesis in the autumn of 2019? Then keep on reading...

Medication-overuse headache (MOH) is a chronic headache occurring ≥ 15 days/month caused by overuse of painkillers. Based on clinical experience we know that MOH can be treated by stop of all painkillers for a period. However, little is known about the underlying mechanisms.

The project: We have collected blood samples from 120 patients with MOH before and after treatment, and from 60 healthy controls. DNA-methylation analyses will be conducted from August-September 2019. Your project will be data analysis and interpretation of these results. You will be supervised by our three skilled researchers in bioinformatics and will also collaborate with medical doctors from the headache clinic.

Your skills: Experience in R or Bash is required, and it is an advantage that you have previous experience in methylation or array data.

If you are interested, then send a short application and CV to Thomas Folkmann Hansen (thomas.hansen@regionh.dk)

