

Vacature Maastricht University (UM) - PhD Student UMC Groningen 'Non alcoholic fatty acid disease'

PhD Student UMC Groningen 'Non alcoholic fatty acid disease', candidate will be stationed at Maastricht University Medical Centre+

Functiebeschrijving

Non alcoholic fatty liver disease (NAFLD) is a condition ranging from benign lipid accumulation in the liver (steatosis) to steatosis combined with inflammation. The latter is referred to as non-alcoholic steatohepatitis (NASH). As obesity and insulin resistance reach epidemic proportions in industrialized countries, the prevalence of both NAFLD and NASH is increasing and is therefore considered as a major health risk. Inflammation is considered to be a key event during the progression of fatty liver diseases since it sets the stage for further damage to the liver such as fibrosis, cirrhosis and eventually even liver failure. Currently, it is not possible to detect hepatic inflammation in a non-invasive way and the therapy options are very poor.

Job description

Using physiologically relevant animal models and a cell-specific approach, this project focuses on finding non-invasive markers to detect hepatic inflammation and novel specific targets for prevention and therapy; this is of utmost importance given the morbidity and mortality rates in developed countries.

Functie-eisen

- Creative and enthusiastic scientist
- Master degree in biomedical sciences
- Background in molecular biology
- Good communication skills to operate in a small team
- Article 9 degree for performing animal experiments or willing to acquire this

Arbeidsvoorwaarden

Candidate will be appointed at the University Medical Centre Groningen, and stationed at Maastricht University Medical Centre+, Department of Genetics and Cell Biology, section Molecular Genetics.

The terms of employment of UMCG are applicable.

Dienstverband
Temporary for 4 years

Additionele informatie

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