

PhD positie “Inflammatory bowel disease (IBD) for personalized medicine”

The OMIG research group has received a European grant to improve the treatment and diagnosis of patients with inflammatory bowel disease (IBD) and is looking for a PhD-student.

Patients with IBD often get diagnosed in their adolescence and the disease influences their daily quality of life. The treatment of IBD is complex due to the heterogeneity of the disease and the multitude of newly available medication. The OMIG research group, led by gastroenterologist and professor Wouter Nagengast, will use fluorescence molecular endoscopy to gain more insight into the distribution and mechanism of these new medicines. With this new technique we would like to work towards ‘personalized medicine’. And you can make an important contribution to that! The research will be in collaboration with the Erasmus Medical Center in Rotterdam, HelmHoltz Zentrum in Munich and Stative in Besançon, France but will be conducted from the University Medical Center Groningen.

Your job

You will be setting up, conducting, and coordinating the clinical research. The gathered data will be analyzed to gain more insight into the distribution and mechanism of these new IBD medication. You will write scientific papers about this and present your work on (international) conferences. Additionally, you will stay in close contact with all stakeholders of the project. Finally, this project will lead to a PhD defense.

What do we ask

- A completed master in Medicine, Biomedical sciences or an equivalent
- Interest in performing clinical research
- Enthusiastic about the clinical implementation of new technologies
- Good communicative skills
- Excellent command of English, both in writing and speech. Dutch is a preference.

What do we offer?

- A PhD-position in a research group with >10 PhD colleagues and with a perspective on a promotion.
- Multiple changes to develop yourself to a independent researcher by following courses and attending (international) conferences.
- A research spot for 3 years, start date is in consultation, location Groningen.
- A salary based on previous education and experience, minimal € 3.047,- and maximal € 4.800,- gross salary per month on fulltime basis (scale 10, CAO UMC). Additionally, the UMCG offers 8% holiday allowance and 8.3% end of year bonus. The terms and conditions of employments are according to the CAO Universitair Medische Centra (CAO-UMC)
- You will be part of a big research group on which you can fall back, share experiences with and have regular research meetings, drinks or other social activities.

Your workplace

You will be working within the multidisciplinary OMIG-research group. This team of young researchers consist of pharmacist, technical physicians, biomedical scientist, and doctors from the gastroenterology and hepatology, surgery, and otorhinolaryngology department. All members of this group perform research using fluorescence imaging with different goals like tumor identification and treatment, but also distribution of medication. Since 2011 we are gaining experience within this field and have built a good network and analytical framework. Moreover, it is one of the few research groups on the world focusing completely on fluorescence imaging, especially within endoscopic imaging. For more information on our team and research, have a look at our website: www.omig.nl

Are you enthusiastic and would you like to join our team please apply by sending your motivation letter and CV via a.j.sterkenburg@umcg.nl. If you have questions, please contact:

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