

Postdoctoral position in OncoGenetics



Employer: Maastricht University Medical Centre
GROW: School for Oncology and Developmental Biology
Website: www.maastrichtuniversity.nl
Location: Maastricht, Limburg, The Netherlands
Type: Postdoctoral
Hours: 38.0 hours per week
Education: Ph.D.
Closing date: 1 January 2012

The Dept. of Clinical Genetics and Gynaecology at Maastricht University Medical Centre and GROW – School for Oncology and Developmental Biology, are inviting applications for a Postdoctoral Research position in OncoGenetics with specific focus on Next Generation Sequencing. You should have a PhD in a relevant subject, preferably have experience in bioinformatics, biostatistics, in data handling and be capable of providing input into study design, data management and cancer risk analysis. Wet-lab work experience can be useful. The postdoc position is available for 2 years.

Job description

The Postdoctoral research will focus on the use of deep sequencing technology for the identification of additional genetic factors that can modify the cancer risks in carriers of Lynch syndrome mutations. The work will be carried out at the departments of Clinical Genetics and Gynaecology in Maastricht.

Requirements

- MSc degree in Biomedical Sciences/Biology/Molecular Life Sciences /Bioinformatics;
- experience in genetics and bioinformatics including hands on experience with mutation detection techniques;
- experience in the analysis of large biological datasets, preferably with knowledge of second-generation sequencing approaches

Additional preferable experiences

- experience in molecular biology;
- affinity for fundamental research related to gynaecologic cancers;
- a strong motivation to perform cutting-edge research;
- well-developed social and communication skills;
- an accurate and well-structured working style.

Conditions of employment

You will be appointed for a period of 24 months.

Contract type: Temporary, 2 years

Organisation

Maastricht University Medical Centre (www.maastrichtuniversity.nl)

The Maastricht University Medical Centre (MUMC), the most international university in the Netherlands, stands out for its innovative approach to learning and international outlook. Strategically located in Europe, MUMC is one of the leading academic communities in the Netherlands. Research takes place in modern buildings with state-of-art facilities.

Faculty of Health, Medicine and Life Sciences / GROW (www.grow-um.nl/)

The Faculty of Health, Medicine and Life Sciences currently has over 8,000 members and the Faculty's mission is to connect researchers to each other and to the Maastricht University.

The research programmes at the faculty are integrated within five Graduate Schools, among which GROW (School for Oncology and Developmental Biology) aims to carry out high quality scientific research in the field of early human development (normal and abnormal growth and differentiation) and in the field of oncology (abnormal growth and differentiation).

Department of Gynaecology (www.unimaas.nl/endomaas)

Research in our department is co-ordinated within the Maastricht Endometrium Research Group, a team of physicians and scientists that for more than two decades has been studying the human endometrium, its physiology and pathological conditions.

Department of Clinical Genetics (<http://www.gen.unimaas.nl/clinicalgenomics>)

Our department and Genome Centre offer genomics-facilities and state-of-the-art technologies for research in the biomedical area. Our expertise in experimental design and data-analysis, genotyping, expression profiling, bioinformatics, molecular genetics and epidemiology maximises the scientific output of research projects. A next-generation sequencing platform is operational at the department.

No commercial propositions please.

Additional information

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