



VU medisch centrum
de Boelelaan 1117
1007 MB Amsterdam
<http://www.vumc.nl/werken>

Vacancy number
D1.2008.00071



Department

The department of Nuclear Medicine & PET research participates in the DeCoDe project of the Center for Translational Molecular Medicine (CTMM, www.ctmm.nl). This recently started project is coordinated by VUmc and aims to Decrease Colorectal Cancer Death (hence DeCoDe). The project consists of a consortium of five university medical centres and eight industrial partners in The Netherlands, that jointly work in the fields of early molecular detection, personalized therapies and molecular imaging of colorectal cancer (www.ctmmdecode.nl). This 5-year project is funded by the Center for Translational Molecular Medicine.

Colorectal cancer (CRC) ranks second as cause of cancer related mortality in the developed world. Research topics within DeCoDe include stool DNA testing, proteomics testing, and molecular imaging for early detection of colorectal cancer, developing molecular diagnostic tests for prediction of prognosis and response to drug therapy, image guided surgery and developing new molecular radiopharmaceuticals for PET in patients with metastatic colorectal cancer.

Background of the function.

A position is available for a researcher (PhD student) willing to cooperate in a research project aiming to develop and validate prognostically relevant PET radiopharmaceuticals in patients with potentially curable liver metastases. Candidate biomarkers will be investigated and selected which could identify patients at risk. From these markers radioactive ligands will be developed for use in non-invasive PET (positron emission tomography) imaging. Simultaneously, a prospective multicentre trial will be launched to validate an existing PET tracer for its prognostic relevance. The project will be a collaboration between the depts. of Nuclear Medicine & PET research, Pathology, Surgery and the Cancer Centre Amsterdam (CCA) of the VUmc Amsterdam.

Requirements

We are looking for a highly motivated candidate with a background in medicine, medical biology, biomedical sciences or biochemistry. Preferably, the candidate should have experience with immune histochemistry and affinity with clinical cancer research. Organization of a clinical trial will form an integral part of the project.

We offer

A position in the department of Nuclear Medicine and PET Research in active collaboration with a multidisciplinary research team from different clinical and preclinical departments. The candidate will be supported by an enthusiastic collegial, internationally oriented research group.

The temporary employment will be for a period of 4 years. The gross salary per month will be according to the AIO scales, depending on previous experience. The terms of employment will be in accordance with the CAO Universitair medische centra.

More information

For more information please contact:

Prof. dr. O.S. Hoekstra (020-4444214; os.hoekstra@vumc.nl), or dr. A.A. Geldof (020-4445104, aa.geldof@vumc.nl), dept. of Nuclear Medicine & PET research VUmc.

How to apply

Please mail your application and your CV to cluster1.bureau@vumc.nl.

You can also send your application and CV by post to: P&O divisie 1, t.a.v. H. Posthuma, PK Z 190/192, PO Box 7057, 1007 MB Amsterdam.