

Vacature format

The Department of Obstetrics and Gynaecology plans to appoint a

Project “DohART-NET”, a Marie Skłodowska-Curie Innovative Training Networks.

Project Number: 812660

PeRiConceptional Programming of HEalth Training Network

36 hours per week

Job description

MSCA ITN founded project "DohART-NET" focusing on key aspects of altered conditions during the periconceptional (PC) period of gamete maturation. The DohART-NET project focus on the integration of pre-clinical (animal and stem cell-models) and clinical studies and apply data linkage, bioinformatics and network science for the identification and validation of mechanisms of diseases common in early development. Project will exploit a new understanding to promote efficient disease prevention and potential personalised therapeutic interventions in both the general and ART populations to overcome adverse disease pathways. DohART-NET is optimized for training Early Stage Researchers (ESRs) due to the facts that: i) the topic is progressive and much needed to improve public health over several generations, and it is integrating basic pre-clinical, translational clinical and in silico modeling approaches, iii) the partnership has a highly multi- and interdisciplinary scientific and training expertise and excellence, iv) there is an existing synergy by collaborations and links that the partners wish to strengthen both in science and lasting training programs in a highly inter-sectorial setting. ESRs will strongly benefit from a network of internationally recognized scientists in the field of basic and clinical science (translational research), involving departments like Genetics, Bioinformatics, Obstetrics and Gynaecology, and the participation of companies with relevant interests and expertise in the field.

DohART-NET Network: BioTalentum Ltd. (Hungary), University of Cambridge (UK), University of Manchester (UK), University of Southampton (UK), Erasmus University Medical Center (Netherlands), CeMM (Austria), Ludwig Maximilian University of Munich (Germany), MWM GmbH (Germany), Universitair Ziekenhuis Brussel (Belgium), IVI Valencia (Spain)

The applicant will develop a multidisciplinary project focused on investigating the impact of preconceptional maternal obesity and underlying pathways of embryonic, fetal and newborn health. The study will be conducted in the unique and ongoing Rotterdam Periconceptional Cohort (Predict study). The Predict study is designed as a tertiary hospital-based, prospective open birth cohort study. Embryonic, fetal and newborn health will be investigated longitudinally using state-of-the-art imaging techniques like three-dimensional ultrasound and virtual reality techniques. Using these techniques different structures, e.g. in the brain, can be investigated in detail and very reliable in relation to maternal obesity. Besides ultrasound imaging data, also questionnaires and blood samples are available for study.

The ideal candidate should have solid knowledge in Clinical Medicine (and Obstetrics and Gynaecology), ideally with a Masters level in Medicine and/or Epidemiology. Research experience is a big advantage and practical experience in handling large databases and in biostatistics and or bioinformatics would be preferred, but not required. The project

implies a series of secondments at partner labs for additional training. The successful candidate will participate in the network's training activities and work placements at the laboratories of the participating academic and industrial teams. Regular meetings and workshops within the EU-funded DohART-NET International Training Network will supplement the training and support provided at Szent Istvan University

Work environment

A healthy population and excellence in healthcare through research and education. This is what Erasmus MC stands for. Conducting groundbreaking work, pushing boundaries and leading the way. In research, education, and healthcare. We are practical people with a high level of expertise, working hard to improve and renew the healthcare of today and the public health of tomorrow.

Qualifications and skills

Applicants should meet the following eligibility criteria:

- have a background in Clinical Medicine or Epidemiology (Master's degree)
- have not a PhD already
- have less than 4 years research experience at the signature of the contract (measured from the time the Master's degree has been obtained)
- have not spent more than 12 months in the country (Hungary) of the host/recruiting institution in the 3 years prior to selection
- excellent knowledge of the spoken and written English language
- excellent communication and team working skills.

Being able to present a certificate of good conduct, a valid proof of identity, diploma's and/ or relevant registration such as BIG/ RGS are conditions for the appointment..

Terms of employment

Any additional information regarding the terms of employment

The gross monthly salary will be based on a full-time working week of 36 hours. The terms of employment are in accordance with the Collective Bargaining Agreement for University Medical Centers (CAO UMC).

In case of an PhD appointment:

You will receive a temporary position for 3 years (scale OIO). The terms of employment are according to the Collective Bargaining Agreement for Dutch University Medical Centers (CAO UMC).

Information

For more information about this position, please contact Prof. Dr. R.P.M. Steegers-Theunissen, professor in periconception epidemiology, e-mail: r.steegers@erasmusmc.nl

For other information please contact Dr. Melek Rousian, post-doc periconception epidemiology, e-mail: m.rousian@erasmusmc.nl.

In case of multiple contacts for information about the vacancy:

Prof. Dr. R.P.M. Steegers-Theunissen, professor in periconception epidemiology, e-mail: r.steegers@erasmusmc.nl

Application

Please upload your application including Curriculum Vitae and accompanying letter at www.dohartnet.eu stating vacancy code 812660 (will be added by Recruitment in the subject line).

In case of other requirements to apply:

1. Upload your motivation letter including research career goals, skills and experience
2. Upload 2 letters of recommendation

No agencies please.

Vacaturegegevens (job details)

(verplicht in te vullen - mandatory)

Number of FTE	
Type of contract	Bepaalde tijd
Duration of contract	> 12 maanden
Level education	WO
Minimum level of relevant workexperience	0,5 - 1,0
(4-cijferige) Kostenplaats	
Does this job require working outside regular office hours?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
FuWaVaz profiel Example: <i>adviseur P&O (functienaam)</i> <i>11-S37 (organieke typering)</i> <i>1622310 (functiecode)</i>	(functienaam) (organieke typering) (functiecode)
During which period should this job opening be posted on the internal Erasmus MC website (intranet)? <i>The mandatory minimum period is 2 weeks, according to rules and regulations richtlijn werving & selectie.</i>	8? weeks or closing date
Should this job opening be posted <u>automatically</u> on the external jobsite of Erasmus MC after the period of internal posting?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Should this job opening be posted on additional websites? If "Yes" please fill out the duration and mention name of website(s)	weeks or closing date
