Within the research group of Dr. Julie Bakker at the GIGA Neurosciences, University of Liège, a position is available for a

Post-doctoral fellow (m/f)
Full-time (38 hours/week)

Description of the project
The overall aim of the project is to unravel the role of gonadal hormones and genetic factors in the sexual differentiation of the brain. The position will involve the measurement of brain activity and structure in male and female patients with disorders of sex development as well as control men and women using structural and functional MRI. For more on our research, see Burke et al (2014), Front Endocrinol 28, 5: 60; Staphorsius et al (2015), Psychoneuroendocrinology 56, 190-9; Van Hemmen et al (2016), Cerebral Cortex 26, 1036-45; Van Hemmen et al (2017), Cerebral Cortex 27, 2994-3001.

Requirements
We are looking for an excellent, motivated post-doctoral fellow with a strong background in neuroimaging research. The candidate is expected to have an interest in behavioral neuroscience and neuroendocrinology, and preferably has a background in this type of research. Proficiency in all stages of MRI research, including the study design, acquisition, processing and analysis of imaging data is required. The candidate should not have been living or working in Belgium before to be eligible for the fellowship since it is meant to promote international research mobility.

Appointment
The position is temporary for a period of 3 years.

Starting date
October 2017

Location
The GIGA is a major centre for research and development in biotechnology and is one of a very few centers in Europe that have excelled at integrating academic research, collaborations with companies, technology transfer and training facilities. The GIGA Neurosciences unit aims at carrying out top-level research on development, normal functions, and disorders of the nervous system. The MRI acquisitions will take place at the Cyclotron Research Center (CRC), which has now become a new research unit within the GIGA (GIGA-CRC in vivo imaging).

Applications
Send your application, including a curriculum vitae, or requests for additional information to: jbakker@ulg.ac.be

Deadline
The application deadline is set at August 1st.