

Researcher in Societal Benefit of Cochlear Implants

The **MOSAICS project** (Minimizing Outcome Spread in mAximizing partIcipation in Society) is a European Horizon 2020 Marie Skłodowska-Curie Action (www.mosaics-eid.eu). The overall goal is to understand, predict, identify and intervene on the unexplained variability in outcomes among adult cochlear implants (CI) users by adopting a novel multidisciplinary approach that includes engineering, biophysics, neuroscience and psychology, taking into account body functions and structures, personal factors, activities/participation and environmental factors. Four early stage researchers (ESR) with different backgrounds will be trained to face the variability challenges within the field of adult cochlear implantation. In order to cover all aspects of the holistic framework, the 4 ESRs will closely collaborate. All recruited researchers will spend at least half of their three years on the project at industry partners. The MOSAICS consortium consists of Cochlear (Belgium) and Radboud University Medical Center (Netherlands).

Within the MOSAICS framework, RadboudUMC is looking for a Researcher that will drive a research program on **Societal Benefits of Cochlear Implants in the context of a PhD education**, starting at the latest in February 2020. The project will be conducted in close collaboration with Radboud University Medical Centre Nijmegen (Prof. Dr. E. Mylanus, Dr. Wendy Huinck and Prof. Dr. J. van Opstal) and Cochlear (Dr. B. Philips).

You will study **the effects of CI on societal benefits, including quality of life, communication profile, social functioning, independence, and work**. You will develop a personalized CI rehabilitation that is focused on individual needs, aiming at a person-centered care approach that is expected to be more beneficial than the traditional one-size-fits-all treatment interventions. This individualized rehabilitation program will specifically focus on the skills needed to improve autonomy and independence of the recipient and focus on programs aiding the maintenance or acquisition of employment.

You will be part of the MOSAICS network and deliver a PhD. You will strive

- to intensify and strengthen interdisciplinary knowledge and skills in the hearing journey of adult CI candidates and users.
- to progress in the knowledge of mechanisms underlying and predicting poor performance
- to convert the interdisciplinary knowledge into relevant clinical assessments

This is a **unique opportunity** to work towards a PhD degree and be supervised by an Industry-Academia supervisory team consisting of at least one supervisor from each field. The successful candidates will benefit from an international scientific network of high-profile industry and academic partners, intersectoral secondments as well as individual and network-wide training modules, including transferable skills courses.

You are the right candidate for this role when:

- you are eligible to the criteria of the EU Funding:
 - You are in the first four years (full-time equivalent research experience) of your research career and have not been awarded a doctoral degree;
 - You haven't resided in the Netherlands for more than 12 cumulative months over the past 3 years;
- you have a scientific degree in either Psychology, Audiology, Speech and Language science, Health Science or related fields, with a first experience and strong interest in research;
- you are enthusiastic, empathic and driven: you are motivated to work on real life problems and keen to make a difference for people with communication disabilities;
- you have proven analytical skills. You have an inquisitive and creative mind, and good problem-solving skills.
- you are a strong team player with, at the same time, the ability to work independently
- you have excellent communication skills, as you will need to run clinical trials with hearing impaired subjects. Good verbal and written English skills, as well as willingness to learn the Dutch language are necessary;
- you are willing to travel significantly (50%) between Cochlear Technology Centre in Mechelen, Belgium and Nijmegen Radboud University Medical Center in The Netherlands.

Apply now for the Researcher in Societal Benefit of Cochlear Implants position through the MOSAICS website (www.mosaics-eid.eu)!