

# Staff member Genetic Diagnostics of Solid Tumors – Center Human Genetics

## General Description

The Center of Human Genetics (Centrum Menselijke Erfelijkheid, CME) at the University Hospital of Leuven, Belgium, has a strong international reputation in the field of clinical genetics and is a pioneer in the development of new genetic and genomic technologies, both for fundamental research and for diagnostics. CME is structurally connected with the University (KU Leuven) and the Flemish Institute for Biotechnology (VIB).

Within the Center of Human Genetics, we are looking for a Staff Member with specific expertise in cytogenetics and molecular genetic testing of solid tumors.

## Function

- You ensure the continuous support for cytogenetic and molecular genetic diagnostics in the field of solid tumors, with specific emphasis on soft tissue and bone tumors.
- You interpret results obtained from the diverse cytogenetic and genomic technologies (conventional karyotyping, FISH, array CGH, low-pass sequencing, next generation sequencing, ...).
- You develop and optimize state of the art novel genomic technologies and applications in the field.
- You organize and control the validation and implementation processes of the diverse techniques and prepare validation dossiers.
- You ensure (continuous) training of team members.
- You become an expert in your field and are willing to write/publish the scientific reports, participate in international meetings, present scientific data,...

## Profile

- You hold a doctoral degree in biomedical or bioengineering sciences or molecular biology, medicine, pharmacy or genetics.
- You have strong practical experience (preferentially 3-6 years) with cytogenetics (FISH, arrayCGH, karyotyping,...) and molecular genetic techniques (next generation sequencing, PCR,...).
- Expertise in a morphology/pathology and good knowledge of cancer biology/cancer genetics is considered a strong asset
- You can work independently are a team player
- You are a responsible person, accurate and decisive
- You have a proven scientific track record and strong scientific interests
- Fluency in English is required. Knowledge of Flemish or French is a plus. International candidates are welcome to apply.

## We offer

- A permanent position in an international and dynamic environment with leading edge technology in the University Hospital of Leuven. The opportunity to combine diagnostic work at the University Hospital and scientific work at the university, and to build a very specific expertise. A part-time independent research position at the University (KU Leuven) is a possibility.

<https://www.uzleuven.be/nl/vacature/204602>