



The Laboratory for Cell Death Research & Therapy, at the University of Leuven
(KU Leuven), Belgium
Within the frame of the EOS programme **DECODE**

“Refining Cancer Cell Death and Danger Signals for the Improvement of Immunotherapy”

Seeks a highly motivated and skilled **Postdoctoral researcher**

Research Topic Description:

We are seeking for a highly motivated and talented Postdoctoral researcher, within the context of the ‘**DECODE**’ Consortium, funded through the **Excellence of Science (EOS) programme of the Belgian FWO/FNRS** (for more details, see: <http://www.eosprogramme.be> and <http://www.fwo.be/en/fellowships-funding/research-projects/eos-research-project/>).

Our **DECODE Consortium** brings together research groups from *University of Leuven (KU Leuven)*, *University of Ghent (UGent)*, *University of Louvain (UCL)* and *The Netherlands Cancer Institute (NKI)*. DECODE’s research aims are located at the interface of the immunobiology of cell death processes and cancer immunotherapy. DECODE ambitiously aims to go significantly beyond the current state-of-the-art, by pursuing an innovative and interdisciplinary research theme, integrating methodology from various fields of cancer cell biology, immunology & immunotherapy; and covers all levels from integrated omics to translational immunotherapy and biomarker discovery.

The current Postdoctoral position is immediately available for a highly motivated and talented candidate within the Cell Death Research & Therapy (CDRT) lab of Prof. Patrizia Agostinis at the **University of Leuven** (www.cdrtlab.be). The KU Leuven is located in the heart of Belgium and is one of the oldest and most prominent universities in Europe, consistently ranked within the top 50 worldwide universities.

In close contact with collaborating teams the recruited Postdoctoral researcher will perform basic & translational research focused on how endoplasmic reticulum (ER) stress sensors in cancer cells or immune cells/cytotoxic T lymphocytes, coordinate organelle/cytoskeleton dynamics, immunological synapse, recognition and mechanisms of T cell mediated killing of cancer cells.

Profile:

- You hold a PhD in Biotechnology/Biological Sciences/Life Sciences/Biomedical Sciences or related fields, with focus on cancer cell::immune cells cross-talk.
- You have a publication track record in these fields and strong output.
- You have demonstrable practical skills in isolation and phenotyping of immune cells, T cells analysis in vivo/ex vivo, high-end imaging, analysis of tumor microenvironment. Knowledge of ER stress pathways is a plus.
- You have experience in working with deadlines and being involved simultaneously in multiple projects.
- You are a team player with excellent oral and written English communication skills.
- You are able to guide PhD students and coordinate the projects between our teams.

We offer:

- At least a 3-4 years contract (the candidate will nevertheless be expected to apply for a personal Postdoctoral fellowships). Job is available immediately but the starting date is negotiable.
- Access to state-of-the-art infrastructures.
- A stimulating, international research environment in a world-class academic laboratory and the opportunity to interact with several highly collaborative, world-class investigators part of this consortium.

How to apply?

Please send your full CV (with all the relevant academic scores and at least 2 referees with full-contact details), including a list of your published papers/major accomplishments to:

Prof. Patrizia Agostinis, Head of the Cell Death Research & Therapy lab Department of Cellular and Molecular Medicine University of Leuven, Belgium. email: patrizia.agostinis@kuleuven.be