

# The Laboratory for Cell Death Research & Therapy (CDRT), at the University of Leuven (KU Leuven), Belgium Seeks 2 highly motivated Post-doctoral fellows

## Research Topics:

- Membrane Contact Sites during ER Stress (project 1)
- Role of autophagy in melanoma-driven lymphangiogenesis(project 2)

The Laboratory for Cell Death Research & Therapy, headed by Prof. Patrizia Agostinis, has 2 positions available for a highly motivated postdoctoral scientist to further our research in 1) the biology of inter-organellar communication and membrane contact sites (MCSs) during ER stress and 2) role of autophagy and melanoma-driven lymphangiogenesis.

<https://gbiomed.kuleuven.be/english/research/50000618/index.html>

## Responsibilities

- Investigate and develop specific research projects of the lab.
- Work with minimal supervision using own initiative and creativity to prioritize and investigate key research questions under the guidance of the Principal Investigator.
- Improve established protocols/techniques and implement or develop new ones.
- Provide guidance and supervision of PhD students and other members of the lab.
- Coordinate collaborative work within the lab and with other teams.
- Present data at internal and external meetings.
- Write manuscripts and help with writing grants.
- Develop academic independence.
- Work to maintain a cohesive and nice working atmosphere in the lab.

## Profile

- You hold a Ph.D. in Cell/Molecular Biology or equivalent related fields, with focus on ER stress/UPR or autophagy signaling obtained from a non-Belgian University
- Project 1: You feel comfortable with high-end fluorescent microscopy analysis or have past experience with imaging techniques and have demonstrated skills in ER biology and calcium signaling
- Project 2: You have demonstrated skills in the analysis of tumor-stroma interactions with focus on (lymph)angiogenesis
- You are a team player with good oral and written communication skills

## Offer

- At least a 3 years post-doctoral contract.
- Access to state-of-the-art infrastructures.

- A stimulating, diverse international research environment in a world-class academic laboratory.
- Start date: as soon as possible - the position is immediately available.

**Interested**

Please send your full CV, 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](mailto:patrizia.agostinis@kuleuven.be).