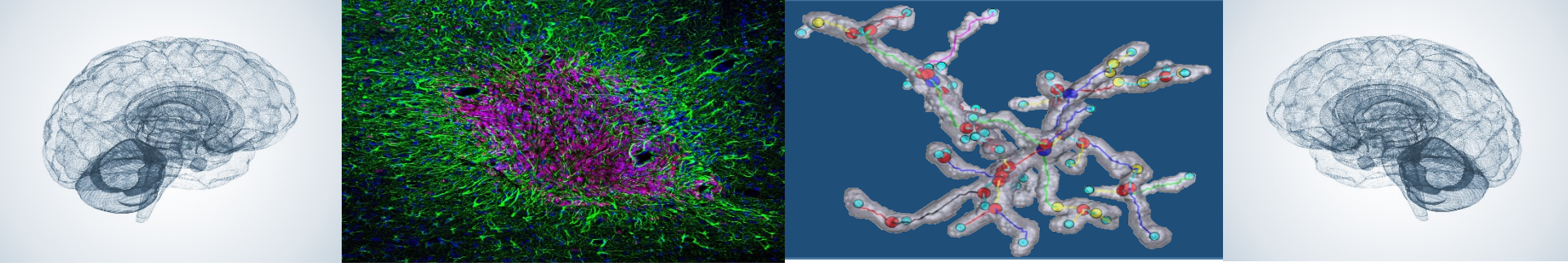


Looking for a PhD position on the Quality Control in Parkinson's disease?

Doctoral Training Unit – PARK-QC: Molecular, Organellar and Cellular Quality Control in Parkinson's Disease and Other Neurodegenerative Diseases

The PARK-QC Doctoral Training Unit at the University of Luxembourg, involving the Luxembourg Centre for Systems Biomedicine, the Life Sciences Research Unit, the Luxembourg Institute of Health, the Integrated Biobank of Luxembourg funded under the PRIDE scheme of the Luxembourg National Research Fund (FNR), invites applications for

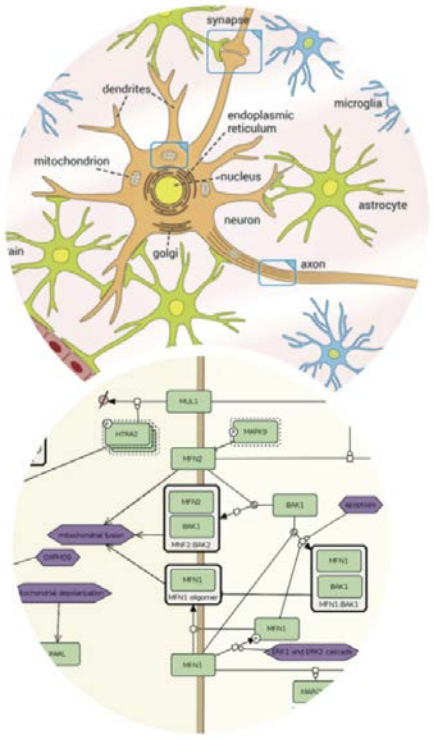
12 fully funded open PhD positions.

The training programme focuses on the following research topics:

- Development of advanced disease models addressing different aspects of molecular, organellar and cellular quality control in neurodegeneration;
- Identification and integration of molecular mechanisms into networks applying state-of-the-art omics, single-cell and computational modelling technologies;
- Integrating molecular and cellular signatures into network-based modelling approaches to identify biomarkers for neurodegeneration;
- Development of experimental readouts to conceptualize novel neuroprotective treatments based on genetic and pharmacological screening.

We offer:

- An enthusiastic interdisciplinary team of computational scientists, clinical researchers and fundamental scientists;
- An exciting international and multicultural research environment;
- An interdisciplinary training concept that embeds PhD students into a translational research environment;
- For more information about research in Luxembourg: EURAXESS



Piotr Gawron, Stephan Gebel, Marek Ostaszewski

Join our teams in Luxembourg.

Principle Investigator	Research area	Principle Investigator	Research area
Mittelbronn, Michel	Neuropathology	**Nehrbass, Ulf**	In vitro modelling of Parkinson's disease
Betsou, Fotini	Biobanking and biomarkers	**Schwamborn, Jens**	3D brain organoid models for in vitro disease modelling
Thiele, Ines	Computational modelling of molecular systems physiology	**Schneider, Reinhard**	Data integration and visualisation
Sinkkonen, Lasse	Epigenetics	**Hertel, Frank**	Neurosurgery
Linster, Carole	Repair biochemistry & Metabolomics	**Skupin, Alexander**	Integrative cell signalling
del Sol Mesa, Antonio	Computational modelling	**Grünewald, Anne**	In vitro modelling of Parkinson's disease
Krüger, Rejko	In vitro modelling of Parkinson's disease		

Apply online until **25.05.2018 (http://emea3.mrted.ly/1t1ij)**

Selection symposium in Luxembourg: **July 16th – 20th, 2018**. Start of the PhD projects: **4th quarter of 2018**

For questions send us an email (parkqc@uni.lu) and have a look at the Facebook page of our program (https://www.facebook.com/parkqc.lux).

uni.lu UNIVERSITÉ DU LUXEMBOURG · LCSB · LSRU LIFE SCIENCES RESEARCH UNIT · LUXEMBOURG INSTITUTE OF HEALTH · Luxembourg National Research Fund