


ER Stress Signaling Pathways in Macrophages

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Location	Department	Lab
Ghent	VIB-UGent Center for Inflammation Research	Sophie Janssens Lab, Kodi Ravichandran Lab
Type	Posted On	
Post-doctoral	12 Dec 2018	
	Positions	
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DESCRIPTION

About the lab

[Prof. Janssens](#) focuses on the role of ER stress signaling pathways in immune cells.

[Prof. Ravichandran](#) in VIB focuses on the fundamental process of apoptotic cell clearance in healthy and disease states.

Your job

The postdoc will be involved in a completely novel project dedicated to understanding the role of ER stress signaling pathways in the apoptotic engulfment process of macrophages. This cell clearance process has several facets, including how a phagocyte senses a corpse in a tissue (find-me signals), how the corpse is recognized (eat-me signals) and internalized via specific phagocytic receptors, how the cargo contents are processed (via metabolomics), and how the apoptotic cell clearance process is anti-inflammatory (compared to other types of cell death).

Prof. Janssens' and Prof. Ravichandran's laboratory address ER stress biology and cell clearance via cutting edge cellular and molecular biology approaches, combined with in vivo mouse immunology, disease models, and complementary ex vivo studies.

Profile

- The candidate should have a PhD degree in the field of biomedical sciences, with a strong publication record and scientific integrity.
- The candidate should be able to work independently and at the same time be a team-player.
- The candidate should have excellent communication skills and a strong passion for life sciences.
- The candidate is expected to have strong hands-on experience in immunology and/or cell biology techniques.
- Practical experience with mouse work and flow cytometry is required.

We offer

We offer a 2-year contract with possibility for extension.

How to apply?

Motivated candidates are asked to apply online.

Deadline of application: December 31, 2018

HIKING MANAGERS

 Veronique Vandevoorde, Sophie Janssens, Kodi Ravichandran