

# Welcome to the VIB-UGent Center for Inflammation Research

**Director: Prof. Dr. Bart LAMBRECHT**

The **VIB Center for Inflammation Research (IRC)** is active within VIB and the Universities of Ghent, Brussels (VUB) and Hasselt.

Inflammation is the first response of the immune system to infection or tissue injury, leading to protection of the body against these insults. However, chronic inflammation forms the basis of several diseases such as asthma, rheumatoid arthritis, colitis, multiple sclerosis and even certain forms of cancer.

The IRC labs study the molecular mechanisms of inflammation. At the heart of this research is the investigation of molecular signaling pathways in inflammatory cells and structural cells of the skin, lung, gut and brain. We particularly focus on NF- $\kappa$ B, ER stress and cell death pathways and study how these are altered by disease. Research is multidisciplinary with molecular biologists, cell biologists, and bioinformaticians collaborating with clinicians.

It is the IRC's ambition to translate our basic research into innovative ways for diagnosis and therapy of human inflammatory diseases. To complement the mechanism-oriented research, IRC therefore actively supports R&D of innovative molecular biotechnological platforms. These tools offer new approaches to study the mechanisms of inflammation, and form the essential basis for novel diagnostics and therapeutics. The IRC has a track record of advanced translational biotechnology research, with several products now in clinical development. These products will soon benefit patients with Crohn's disease, allergies and lysosomal storage diseases.

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- [Calendar: seminars, PhD defences and visits](#)
  - [Jobs, PhD projects and project calls](#)
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## VIB Center for Inflammation Research groups



[Inna AFONINA](#)  
Team leader



[Mathieu BERTRAND](#)  
Team leader



[Rudi BEYAERT](#)  
Group leader



[Wim DECLERCQ](#)  
Team leader





Dirk ELEWAUT  
Group leader



Martin GUILLIAMS  
Group leader



Hamida HAMMAD  
Group leader



Esther HOSTE  
Team leader



Sophie JANSSENS  
Group leader



Markus  
KLEINWIETFIELD  
Group leader



Bart LAMBRECHT  
Director & Group  
leader



Damya LAOUI  
Group leader



Debby LAUKENS  
Team leader



Claude LIBERT  
Group leader



Jonathan MAELFAIT  
Team leader



Kodi  
RAVICHANDRAN  
Group leader



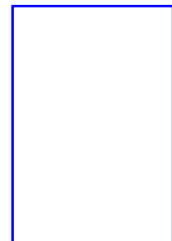
Yvan SAEYS  
Group leader



Savvas SAVVIDES  
Group leader



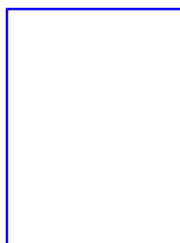
Charlotte SCOTT  
Group leader



Jens STAAL  
Team leader



Peter VANDENABEELE  
Group leader



Tom VANDEN  
BERGHE  
Team leader



Roos  
VANDENBROUCKE  
Group leader



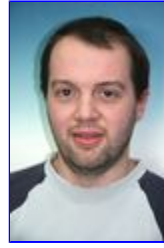
Jo VAN  
GINDERACHTER  
Group leader



[Geert van LOO](#)  
Group leader



[Lars VEREECKE](#)  
Team leader



[Andy WULLAERT](#)  
Team leader

## Ghent University groups



[Geert BERX](#)  
Group leader



[Vanessa VERMEIRSEN](#)  
Group leader



[Kris VLEMINCKX](#)  
Group leader



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