

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- κ 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



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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



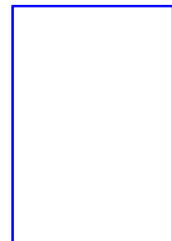
Yvan SAEYS
Group leader



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



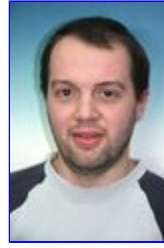
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GINDERACHTER
Group leader



[Geert van LOO](#)
Group leader



[Lars VEREECKE](#)
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Team leader

Ghent University groups



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Group leader



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Group leader



[Kris VLEMINCKX](#)
Group leader



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