METAB-OMICS
Multiomics and pathophysiology of metabolic disorders
UMR 1283/8199

Amélie Bonnefond, Director

TEAM 1: (Epi)genomics of Metabolic Diseases
Headed by Amélie BONNEFOND (DR1 INSERM)

Researchers
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Zahra ELHAMRAOUI, Post-doc Lille Univ

PhD Students
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Omaima BINAN, Lille Univ (2024-2027)
Zeinab RAMMAL, CNRS (2025-2028)
Salla AKERBLOM, CNRS (2025-2028)

TEAM 2: Metabolome, Microbiome, and Metabolic Diseases
Headed by Marc-Emmanuel Dumas (DR2 CNRS)

Post-doc and fellows
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Francesc PUIG CASTELLVI, Post-Doc CNRS
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PhD Students
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Technology platforms and supporting staff

Next-generation sequencing / Multi-omics
(Supervised by B. TOUSSAINT and A. BONNEFOND)
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Aurélie DECHAUME, IE Lille Univ
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BioBank
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Mass-spectrometry-based metabolomics
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In vivo studies
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Administration
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Research Partnerships and Knowledge Transfer
(Supervised by G. PULVERMULLER)
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Matthias VANDESQUILLE, IR Lille Univ
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Health and safety
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Jessica MONTAIGNE, AI Lille Univ

Data Science
(Supervised by M. DERHOURHI and S. GAGET)
=> Software engineering & scientific data
Stefan GAGET, IR CNRS
=> Bioinformatics and Biostatistics
Mehdi DERHOURHI, IR CNRS
Emmanuel BUSE FALAY, IE Lille Univ
Marie FOURCOT, IE IPL
Shuangshuang GENG, IE INSERM
Souhila GRESSIER, IE Lille Univ
Emma HENRIQUES, IE INSERM
=> Artificial intelligence
Nicolas GAMBARDELLA, DR CNRS
Marwa AFNOUCH, Post-doc CNRS
Zahra ELHAMRAOUI, Post-doc Lille Univ
Smaïn FETTEM, IR Lille Univ

IT infrastructure and data security
(Supervised by A.-S. LEDOUX)
Anne-Sophie LEDOUX, IR CNRS
Vincent MASSY, IE Lille Univ

Board of Directors
- Amélie BONNEFOND, Director
- Jérôme DELPLANQUE, Lab Manager
- Gilles PULVERMULLER, Head of Research Partnerships and Knowledge Transfer
- Marc-Emmanuel DUMAS, Team #2 leader
- Hélène DE GAVRE, Administrative Manager
- Philippe FROGUEL, previous Director

Rising Group #1; TEAM 1: Epigenomics in aging & metabolic diseases
Headed by Amna KHAMIS (PU Univ Lille)
PhD Students: Omaima BINAN, Zeinab RAMMAL
Supporting staff: Marie FOURCOT IE

Rising Group #2; TEAM 1: AI for (cardio)metabolic disorders
Headed by Nicolas GAMBARDELLA (DR CNRS)
Post-doc and fellows: Marwa AFNOUCH Post-Doc, Smaïn FETTEM IR, Zahra ELHAMRAOUI Post-doc
PhD Students: Omaima BINAN, Salla AKERBLOM

Rising Group #3; TEAM 2: Computational Metabolomics and the Chemical Exposome in Metabolic Disorders
Headed by Francesc PUIG CASTELLVI (Post-Doc CNRS)
Post-doc and fellows: Zahra ELHAMRAOUI Post-Doc
Supporting staff: Lydia BOUIDGHAGHEN IE

Legends:

AI or T	Technician
IE or CG	Research Assistant
IR, ID, ARC	Research Associate
CR or CRCN	Research Scientist
DR	Research Director
MCU	Lecturer
PH	Hospital Consultant
PM	Projet Manager
PU	University Professor

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