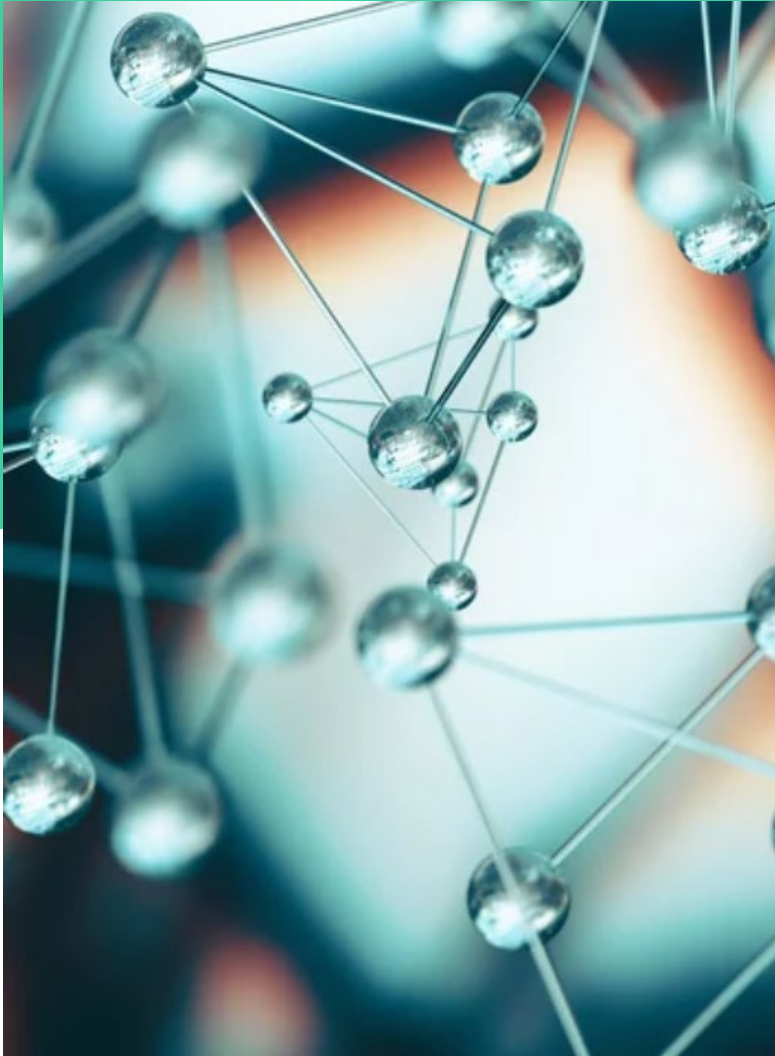


LAB-Net

An introduction to the global laboratories network specialised in clinical microbiology and infectious diseases



What LAB-Net stands for



Our centrally-coordinated, warm-base network of laboratories aims to reduce the burden of infectious diseases and improve pandemic preparedness worldwide

We have **3 core activities:**

- Trial services
- Diagnostic tests
- Biobank

Our 3 core activities



1. TRIAL SERVICES

From assistance in protocol development to final analysis. Both academic and industry research.



2. DIAGNOSTIC TESTS

Support in diagnostic test development, evaluation and appropriate application.



3. BIOBANK

Collection, storage and sharing of One Health biological specimens and associated data.

1. OUR TRIAL SERVICES



WE GIVE YOU STUDY SUPPORT

- Input for **study protocol development**, **CRO** or **diagnostic test selection**
- **Site selection** and **study specific training**
- Sample collection and management **manuals**
- **Preparing** and **shipping** sample kits and study material
- **Biobanking** samples and strains
- **Sample** and **strain analyses**

WE ENSURE GOOD QUALITY

- **Uniformization** is key
- **EQA** panel
- **GCLP** Training
- **Data** collection and inventory
- Laboratory **performance indicators**

WE SHARE OUR KNOWLEDGE

- **Communication** and **dissemination**
- **Training**
- **Lab manuals** and **protocols**
- **Interpretation lab results**

2. OUR DIAGNOSTIC TEST SERVICES



1. Development
2. Selection
3. Validation
4. Correct application

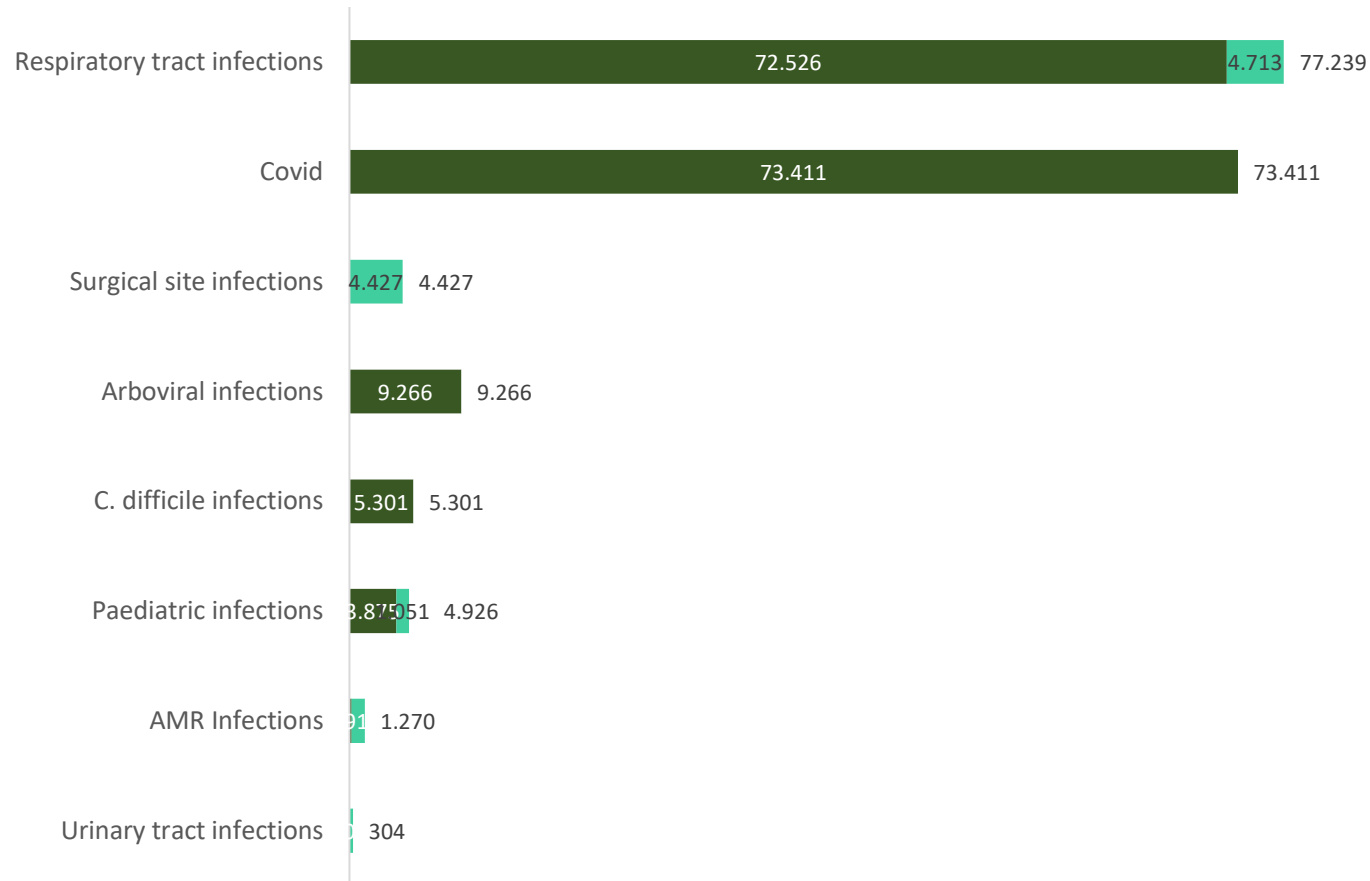


EXAMPLE: GeneXpert (Cepheid)

3. OUR BIOBANK

Collected for our biobank

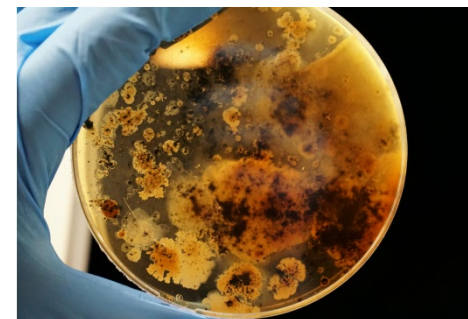
■ # Samples collected ■ # Isolates collected



At LAB-Net central laboratory



Nearly 170,000 samples collected



+ 11,600 isolates collected

We offer these services to



- **Pharmaceutical & diagnostic companies**
- **Universities**
- **NGO's**
- **European clinical trial networks and funders**

Your benefits when working with LAB-Net



Fast reaction

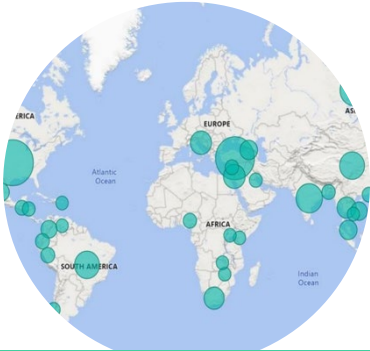
not only during the start-up phase

High quality and flexibility

Reproducible results

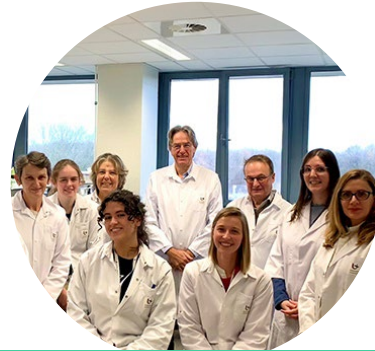
over time and between countries

How we achieve this



1. OUR NETWORK

- Worldwide coverage
- 1 central coordination center
- Warm base
- Carefully selected and highly trained laboratories (e.g. Good Clinical Laboratory Practice, external Quality assessment panels and laboratory assessment indicators)



2. OUR PEOPLE

- Experienced staff with a strong scientific background
- Ready to give you advice and interpret lab results when needed
- Lots of AMR experience



3. OUR APPROACH

- One contact person, from the beginning until the end
- From top-notch advise to operational excellence
- On-site training of laboratories
- Uniform procedures and equipment for all countries

Our network: 75 countries worldwide

EUROPE

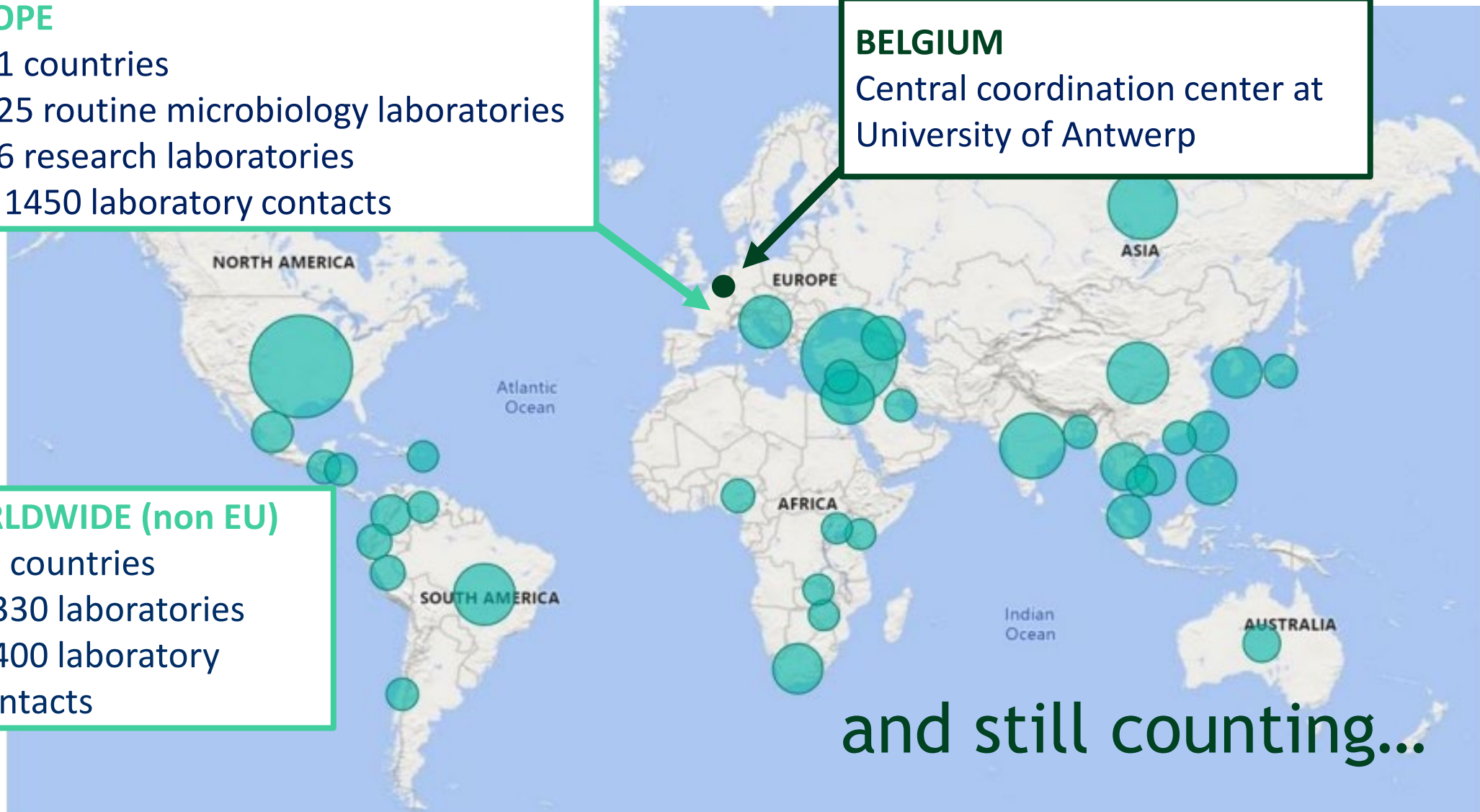
- 41 countries
- 925 routine microbiology laboratories
- 16 research laboratories
- + 1450 laboratory contacts

BELGIUM

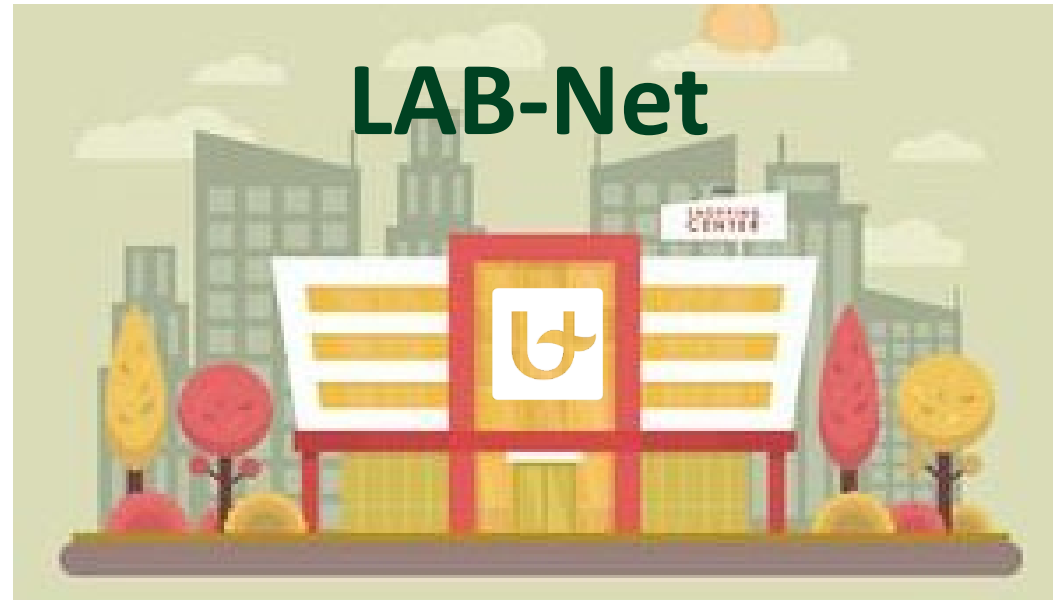
Central coordination center at University of Antwerp

WORLDWIDE (non EU)

- 34 countries
- + 330 laboratories
- + 400 laboratory contacts



Our network: 3 types of labs, all managed centrally



The 3 different types of laboratories in our network



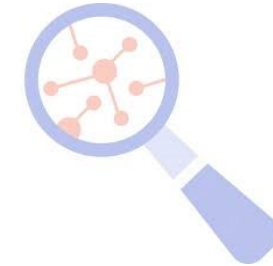
1. ROUTINE DIAGNOSTIC LABORATORIES

- Sample and strain collection, testing, storage and shipping
- Study-specific diagnostic support
- Capacity building activities (participation in EQA panel testing & TGLP training)



2. CENTRAL LABORATORY

- Preparing and shipping study materials (e.g. manuals, sample kits)
- Biobanking
- Analyzing samples and strains
- Training (study specific, EQA, GCLP)

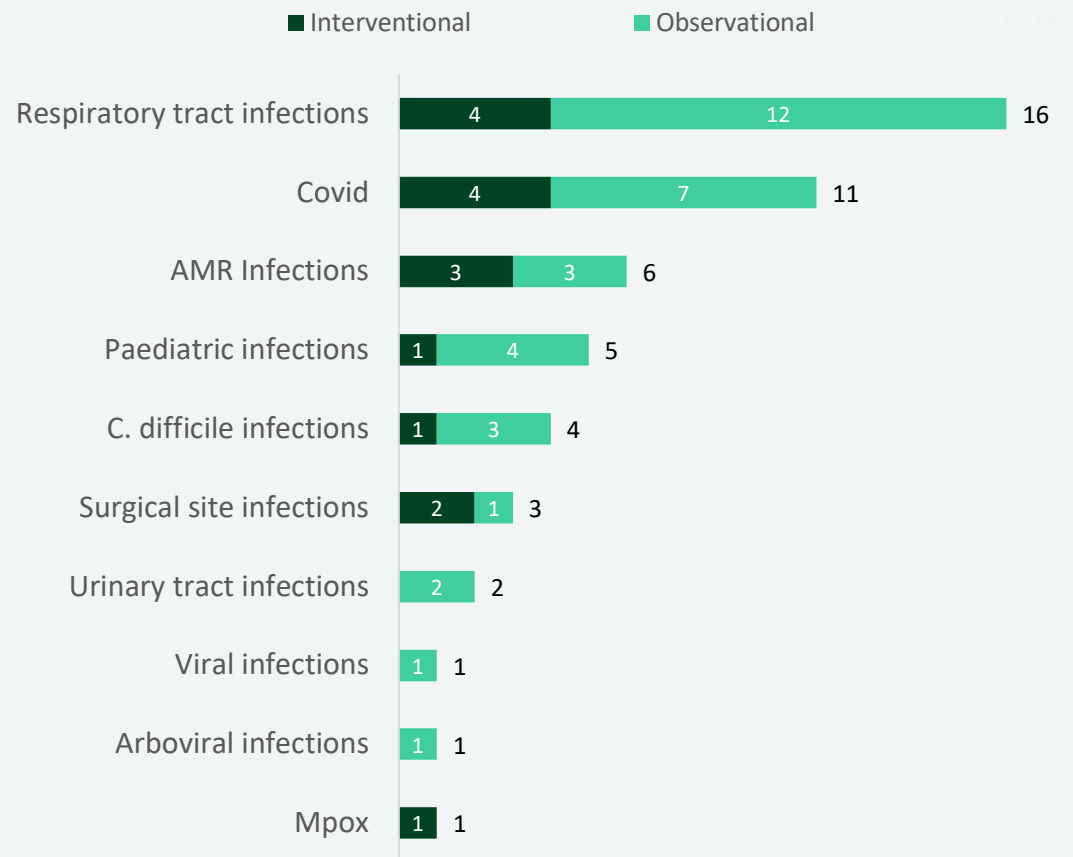


3. SPECIALIZED RESEARCH LABORATORIES

- Exploratory work
- Biobanking

Experience: we support many different kind of studies

Overview of type of studies



50 studies



+ 31.000 patients



46 countries

Experience: examples of studies we are involved in



EURECA

VALUE-Dx



ND/BB
COMBACTE
MAGNET

REJUVENATE

HONEST
SAATELLITE

MICROCARE



ND/BB
COMBACTE
CDI

PRUDENCE

EPOXI



OVERCOME



ND/BB
COMBACTE
NET

REJUVENATE

ANTICIPATE

ecraid



ORCHESTRA

CREDIBLE-CR

REVISIT



EVADE



PediCAP

Prime

EXPECT

ND/BB
COMBACTE
CARE

ADEQUATE

ecraid

Base



MERMAIDS

Multi-centre European study of
MAJOR Infectious Disease Syndromes

VERDI
ONCOLOGY



LAB-Net: Clinical protocol – CR0 selection – Dx test selection – Questionnaire – Site selection – Local lab manual – Sample kits and study materials – local lab training – EQA panel – Biobanking – Central lab – Research lab - ...

Experience: different partners we work with



LAB-Net



Is hosted by



University of Antwerp

Laboratory of Medical Microbiology
Vaccine and Infectious Disease Institute

Is part of **ecraid**

Has partnerships with Penta & GARDP

The experts in our LAB-Net team



Prof. Dr. Surbhi Malhotra
Kumar
Lead LAB-Net



Em. Prof. Dr. Herman
Goossens
Founder LAB-Net



Em. Prof. Dr. Youri
Glupczynski



Em. Prof. Dr. Greet Ieven



Christine Lammens
Laboratory Manager



Leen Timbermont
PhD Senior Researcher



Biljana Kakaraskoska Boceska,
MD, MPH
Senior Researcher



Katherine Loens
PhD Senior researcher



Amber Van Dongen
Quality Manager

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