



ADVANCE-TB & TB-SPECTRUM

# Workshop on Immunology

June 4th, 2026  
Leiden, Netherlands

Leiden University Medical Center (LUMC),  
Netherlands  
Building 3, 5th floor, room 039 (V-05-039)  
Local time: CET



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**08.45h Registration**

**09.00h Welcome**

Simone Joosten (Leiden University Medical Center, Leiden, Netherlands)

## **Session 1. Integrated immunoresponses: cellular immunity, antibodies and the pathogen**

**09.05h Mapping immune mechanisms across the tuberculosis spectrum**

Irene Latorre (Germans Trias i Pujol Research Institute, Badalona, Spain)

**09.30h Host-pathogen interactions and immunity at the human nasal mucosa.**

Simon Jochems (Leiden University Medical Center, Leiden, Netherlands)

**09.50h Understanding how *Mycobacterium tuberculosis* impacts immune responses.**

Marta Silva (Institute for Research and Innovation in Health, Porto, Portugal)

**10.10h Functional insights from mycobacterial growth inhibition assays.**

Krista van Meijgaarden (Leiden University Medical Center, Leiden, Netherlands)

**10.30h Coffee break**

**10.50h The immunological impact of mycobacterial cell wall components.**

Esther Julián (Dept. Genetics and Microbiology, Faculty of Biosciences, Autonomous University of Barcelona, Bellaterra, Spain)

**11.10h Imaging the site of infection: immune interactions in the TB granuloma. Paula Niewold**

Paula Niewold (Leiden University Medical Center, Leiden, Netherlands)

## Session 2. Clinical implications in diagnostics & treatment

**11.30h** Host biomarker test development for TriageTB and treatment monitoring.

Annemieke Geluk (Leiden University Medical Center, Leiden, Netherlands)

**11.50h** B cells and antibodies in mycobacterial infections.

Anouk van Hooij (Leiden University Medical Center, Leiden, Netherlands)

**12.10h** Revisiting host-directed therapy candidates for mycobacterial disease.

Robin van den Biggelaar (Leiden University Medical Center, Leiden, Netherlands)

**12.30h** Lunch

## Session 3. Interactive discussion: statements, data and debate

**13.30h** This interactive immunology session will engage participants through a dynamic true-or-false format focused on a provocative statement in tuberculosis immunology. Attendees will be invited to actively vote using green and red cards to indicate whether they believe the statement is true or false, fostering rapid reflection and discussion. Following audience input, the statement will be critically examined and validated against a high-quality peer-reviewed scientific publication.

*Lead by: Carla Merchán (Germans Trias i Pujol Research Institute, Badalona, Spain), Monica Lopes (Institute for Research and Innovation in Health, Porto, Portugal), Lisa Pletikosa (Leiden University Medical Center, Leiden, Netherlands). Chairs: Alicia Lacoma, Irene Latorre (Germans Trias i Pujol Research Institute, Badalona, Spain)*

## Session 4. Abstract flash talk session

*7 min presentation, 3 min discussion*

**14.20h** Heterogeneity in neutrophil phenotype and phagocytic capacity in BCG vaccination.

Lisa Pletikosa (Leiden University Medical Center, Leiden, Netherlands)

## 14.30h Immunogenicity of the novel tuberculosis (TB) vaccine H107e/CAF®10b in BCG exposed, Mtb-uninfected adults in South Africa

Tsholofelo Tshuma (Leiden University Medical Center, Leiden, Netherlands)

## 14.40h Understanding macrophage responses to *Mycobacterium tuberculosis* lineage 4 versus lineage 6

Monica Lopes (Institute for Research and Innovation in Health, Porto, Portugal)

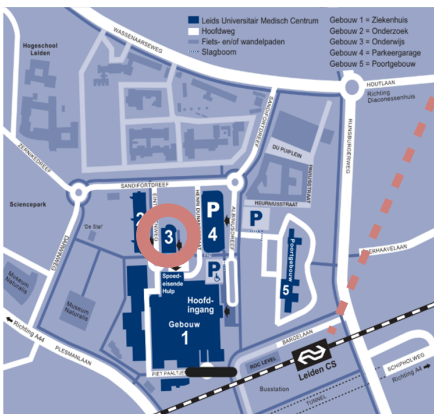
## 14.50h Tissue-specific immune phenotyping reveals divergent responses to *Mycobacterium tuberculosis* and BCG vaccinations in a tuberculosis mice model.

Irene Latorre (Germans Trias i Pujol Research Institute, Badalona, Spain)

## 15.00h Closing remarks

We hope you enjoyed this workshop!

### How to get to LUMC?



Leiden CS = railway station

3 = Building 3 'Teaching building'

The meeting will be in room V-05-039 (5th floor, room 039)

Outside of building 3

