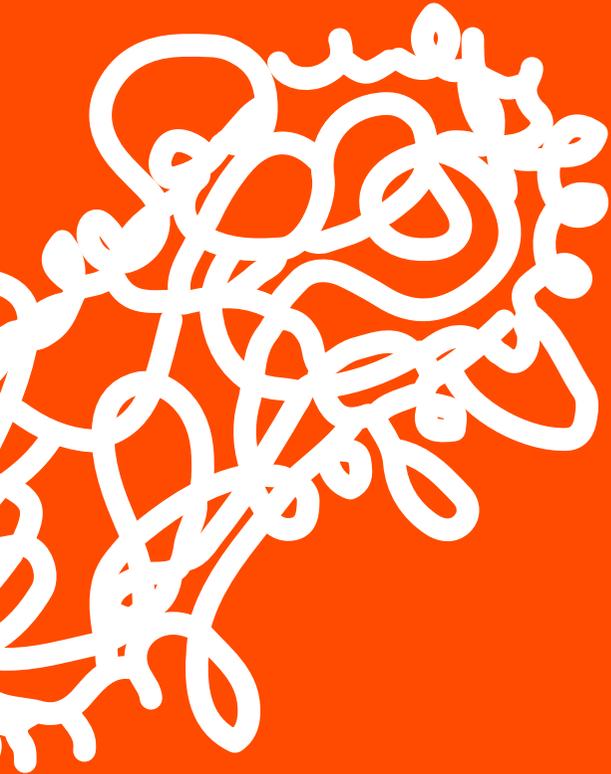


"Welcome to MycoVLC 2025 –
and to CaixaForum!"

We are delighted to host this
year's meeting in such an
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October 6th-7th 2025

Organizing committee:

Álvaro Chiner-Oms, FISABIO, València, Spain
Iñaki Comas, IBV-CSIC, València, Spain
Teresa Cortés, IBV-CSIC, València, Spain
Mariana G. López, IBV-CSIC, València, Spain
Esther Julian, UAB, Barcelona, Spain

Scientific committee:

Mireia Coscollá, I2SysBio-CSIC, València, Spain
Tiago Beites, I3S, Oporto, Portugal
Francesc Coll, IBV-CSIC, València, Spain
Margarida Saraiva, I3S, Oporto, Portugal
Galo A. Goig, Swiss-TPH, Basel, Switzerland

Funding:



In collaboration with:



Funding AEI:RED2024-153634-T
Funding La Caixa:TB-TARGET_HR21-00415
Funding GVA:CIAORG/2024/114

meeting



MYCOVLC
2025



VENUE

CaixaForum València(L'Àgora)

C/d'Eduardo Primo Yúfera, 1A,
Quatre Carreres, 46013 València

MONDAY 6



9:00-9:30	REGISTRY	
9:30-9:45	Welcome	
9:45 - 10:15	Open plenary talk Anne O'Garra – The Francis Crick Institute "Transcriptional signatures reveal the immune response underlying progression and pathogenesis in tuberculosis"	
10:30 - 11:45	Host-pathogen interaction sesion Margarida Saraiva – Instituto de Investigação e Inovação em Saúde "Learning from <i>M. tuberculosis</i> to understand immune responses and TB pathogenesis" Cristina Vilaplana / Lilibeth Arias – Hospital Universitari Germans Trias i Pujol "SMA-TB RCT Results and Insights" Sandra Guallar Garrido – Universitat Autònoma de Barcenola "First responders: calcium sensing orchestrates host defense in mycobacterial infection" Rafael Prados Rosales – Universidad Autònoma de Madrid "Mycobacterial extracellular vesicles activate TLR8 and enhances xenophagy-dependent <i>M. tuberculosis</i> killing"	13:30 - 14:30 14:30 – 15:30 15:30 - 16:30 16:30 - 17:00 17:00 - 17:30 17:30 - 18:40
11:45 - 12:15	COFFEE	
12:15 - 13:25	<i>Mycobacterium tuberculosis</i> evolution and epidemiology sesion Sebastien Gagneux – Swiss Tropical and Public Health Institute "The role of epistasis in the evolution of multidrug-resistant <i>M. tuberculosis</i> " Paula Ruiz Rodriguez – Institute for Integrative Systems Biology "Decoding genomic determinants of MTBC ecotypes through a pangenomic lens"	18:40 - 19:00

Paula Sinisterra Sebastian – Instituto de Biomedicina de Valencia
"Linking long-term and short-term *Mycobacterium tuberculosis* transmission dynamics inferred from 15 years study in Orizaba, México"

Dario Garcia de Viedma – Hospital Gregorio Marañón
"Exploring new paths to accelerate and refine genomic epidemiology in tuberculosis to enhance control interventions in complex populations"

LUNCH

Posters session 1

Posters session 2

Discussion groups/Meeting La Caixa

COFFEE

Antimicrobial resistance & new therapeutics in tuberculosis sesion

Julien Vaubourgeix - Toulouse Institute for Infectious and Inflammatory Diseases
"Multiform antimicrobial resistance in bacteria"

Laura Sanz – Universidad de Zaragoza
"Targeting PhoP with a genetic trap: a novel strategy to attenuate *Mycobacterium tuberculosis* virulence"

Lidia de Tapia – Universidad Carlos III de Madrid
"Miniaturisation and multiplexation of molecular biomarkers determination based on rRNA components of *Mycobacterium tuberculosis*"

Marie Sylvianne Rabodoarivielo – Universidad de Zaragoza
"Assessing the translational value of *in vitro* time-kill assays in TB drug regimens development"

MycNET assembly and 2026 congress organization

TUESDAY 7

9:15 - 10:20	<i>M. tuberculosis</i> biology sesion Tiago Beites - Instituto de Investigação e Inovação em Saúde "Mycobacterium tuberculosis metabolic adaptations to host lipid-rich environments" Marcos Silva - Instituto de Investigação e Inovação em Saúde "Identifying <i>Mycobacterium tuberculosis</i> genetic determinants of disease severity" Teresa Cortés – Instituto de Biomedicina de Valencia "Mechanisms of translation control in <i>Mycobacterium tuberculosis</i> " Irene Latorre – Instituto Germans Trias i Pujol "New insights into immunity and host-pathogen interactions across the tuberculosis spectrum-TB- SPECTRUM"
10:20 - 10:45	COFFEE
10:45 - 11:45	Posters session 3
12:00 - 12:30	Closing plenary talk Maximiliano Gutiérrez – The Francis Crick Institute "The dynamics of intracellular <i>Mycobacterium tuberculosis</i> in human macrophages"
12:45 - 13:00	Concluding remarks

PROGRAMME