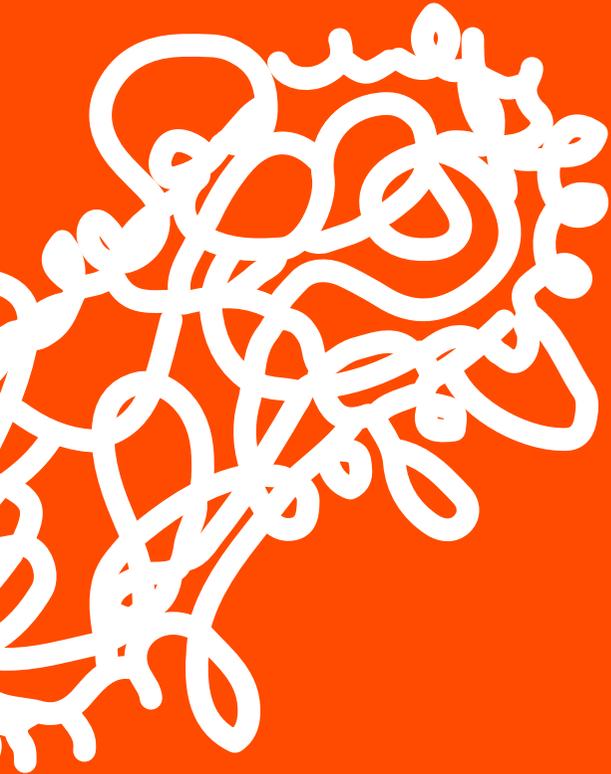


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October 6th-7th 2025

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:



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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	<b>REGISTRY</b>	
9:30-9:45	<b>Welcome</b>	
9:45 - 10:15	<b>Open plenary talk</b> Anne O'Garra – The Francis Crick Institute “Transcriptional signatures reveal the immune response underlying progression and pathogenesis in tuberculosis”	
10:30 - 11:45	<b>Host-pathogen interaction sesion</b> 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”	<b>13:30 - 14:30</b> <b>14:30 – 15:30</b> <b>15:30 - 16:30</b> <b>16:30 - 17:00</b> <b>17:00 - 17:30</b> <b>17:30 - 18:40</b>
11:45 - 12:15	<b>COFFEE</b>	
12:15 - 13:25	<b><i>Mycobacterium tuberculosis</i> evolution and epidemiology sesion</b> 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”	<b>18:40 - 19:00</b>

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	<b><i>M. tuberculosis</i> biology sesion</b> Tiago Beites - Instituto de Investigação e Inovação em Saúde “ <i>Mycobacterium tuberculosis</i> 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	<b>COFFEE</b>
10:45 - 11:45	<b>Posters session 3</b>
12:00 - 12:30	<b>Closing plenary talk</b> Maximiliano Gutiérrez – The Francis Crick Institute “The dynamics of intracellular <i>Mycobacterium tuberculosis</i> in human macrophages”
12:45 - 13:00	<b>Concluding remarks</b>

# PROGRAMME