Target Audience
Established and training doctors in infectious diseases and respiratory care specialties, general physicians and nurses working in TB programs and, clinical microbiologists.

Faculty Members
- María Elvira Balcells, Santiago, Chile
- Emmanuelle Cambau, Paris, France
- Leonardo Chanqueo, Santiago, Chile
- Nadia Escobar, Santiago, Chile
- Patricia García, Santiago, Chile
- Delia Goletti, Rome, Italy
- Delia Goletti, Rome, Italy
- Rodrigo Hoyos-Bachiloglu, Santiago, Chile
- Afrânio Kristky, Rio de Janeiro, Brasil
- Jaime Labarca, Santiago, Chile
- Alberto Mendoza, Lima, Peru
- Carlos Pérez, Santiago, Chile
- Miguel Santin, Barcelona, Spain
- Miguel Viveiros, Lisbon, Portugal

Course Objectives
Tuberculosis remains the infectious disease with the single greatest mortality worldwide and an extremely varying epidemiological situation exists in the different countries of South America, none of them having reached the elimination target so far. The aim of this course is to provide an educational update on the diagnosis and management of tuberculosis and to a lesser extent other mycobacterial infections.

The specific educational aims are:
- To introduce on new aspects of tuberculosis immunopathogenesis and on new diagnostics and treatment options for latent tuberculosis infection.
- To provide an update on the clinical management of drug-sensitive tuberculosis and MDR tuberculosis.
- To update on the challenges of management tuberculosis in the immunocompromised, with emphasis on HIV/TB coinfection.
- To depict the epidemiology and new advances in the treatment of nontuberculous mycobacteria commonly found in developed countries.
Session 4: Non-tuberculous mycobacterial infections
16:00 The growing epidemiological relevance of NTM infections
Emmanuelle Cambau
16:30 The multiple faces of NTM infection clinical manifestations
Miguel Santin
17:00 NTM identification and susceptibility, what is needed at the lab level?
Emmanuelle Cambau
17:30 Therapeutic best options for NTM: can we improve outcomes?
Miguel Santin
18:00 End of day

Session 5: Tuberculosis in the immunocompromised
09:00 Scale and prognosis of the HIV/TB problem in Chile. What is going wrong?
Carlos Pérez
09:30 HIV & LTBI: is it always necessary to screen and treat?
Leonardo Chanque
10:00 TB-IRIS: treatment and newer prevention options
Cássio Carvalho
10:30 HIV and nontuberculous mycobacteria, what’s new?
Martin Lassou
11:00 Coffee Break

Session 6: Challenging clinical cases with discussion
Chair: Jaime Lobacco
Discussion panel:
Miguel Santin, Patricia García, Alberto Mendoza, M. Elvira Balcells
11:30 Case 1: Adverse drug reactions management
Resident 1
11:50 Case 2: TB meningitis & IRIS
Resident 2
12:10 Case 3: Complex case of Spinal TB
Resident 3
12:30 Case 4: Pulmonary NTM case
Resident 4
12:50 End of course