**Mycobacterial infections**

-Evolution and classification

-Structure, and physiology

-Slow growing mycobacteria: pathogenicity and clinical syndromes

*Mycobacterium tuberculosis* complex

*Mycobacterium leprae*

*Mycobacterium avium* complex

*Mycobacterium marinum*

*Mycobacterium ulcerans*

-Fast growing mycobacteria: pathogenicity and clinical syndromes

*Mycobacterium abscessus* complex

*Mycobacterium fortuitum* complex

*Mycobacterium chelonae*

-Mycobacteria and drugs: the problem of drug resistance

-Anti mycobacterial vaccines

-Laboratory diagnosis of mycobacterial infections