**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