**RATIONALE**

- To study & improve the diagnosis, treatment, control & prevention of *Mycoplasma* and *Ureaplasma* spp. infections in humans
- Promoting & supporting research, education, training & good medical practice.
- Complement & enhance the International Organization for Mycoplasmology (IOM) & the International Research Programme in Comparative Mycoplasmology
- Enhance knowledge and facilitate international collaborative research

**OBJECTIVES**

- Publications, guidelines and consensus documents
- Presentations on behalf of the Study Group at scientific meetings
- Scientific sessions and educational workshops at ECCMID
- Scientific meetings and workshops
- MLVA data bank project
- Resistance studies
- DNA standard studies

**BACKGROUND**

Increasing need for international coordination of *Mycoplasma* research:

- Typing of strains to understand the epidemiology of infections
- Rapidly increasing antimicrobial resistance
- Increasing numbers of commercialised kits
- Better understand clinical epidemiology based on improved diagnostics

**FUTURE PLANS**

- Study group meetings in coming IOM 2018, Portsmouth, NH, July 2018
- Scholarship support for ESGMI student members, at IOM 2018
- Educational workshops on respiratory and urogenital mycoplasmas/ureaplasmas
- Comparison of *M. genitalium* real-time PCR diagnostic assays study
- *M. genitalium* antimicrobial resistance study
- Molecular typing & epidemiology
- Clinical syndromes & diagnosis
- Treatment: antibiotic resistance & therapeutic options.

**COMPLETED**

- Educational workshop on *M. pneumoniae*
- International *M. pneumoniae* MLVA collaborative study completed in 2014
- Sponsorship & organisation of European Mycoplasma meeting 2015 - Turkey
- Frontiers of Microbiology research topic: *Mycoplasma pneumoniae* clinical manifestations, microbiology and immunology, with 18 articles and 49 authors. Published in 2016 and 2017. [https://www.frontiersin.org/research-topics/3925](https://www.frontiersin.org/research-topics/3925)
- Comparison of real-time PCR assays to detect *M. pneumoniae* - 2017 (publication #1)

**2017 publications:**


**ESGMI sessions in ECCMID 2018:**

**SY156** - New advances in the molecular detection of atypical agents of respiratory tract infections  
*Co-organized by: ESGMI, ESGMD, and ESGLI*, 23 April 2018 - 14:30 - 15:30 Hall J

**SY202** - Antimicrobial resistance in sexually transmitted bacterial infections  
*Co-organized by: ESGMI, ESGARS*, Tuesday, 24 April 2018 - 11:30 - 12:30 Hall B

**INTERESTED?** [www.escmid.org/esgmi](http://www.escmid.org/esgmi)  
or contact Chair Ran Nir-Paz (NIRPAZ@hadassah.org.il) or Secretary Roger Dumke (roger.dumke@tu-dresden.de)