Annual Report 2017

1. COMPLETED ACTIVITIES

1.1. Publications, guidelines and consensus documents:

- ESGMYC publication: ESGMYC contributed to CMI theme section on M/XDR-TB (March 2017).
  To provide an up-to-date overview for management guidance, CMI devotes its March 2017 issue to M/XDR-TB. The state-of-the-art reviews address prevention of M/XDR-TB, management of M/XDR-TB in migrants, the use of novel diagnostic interventions, including whole genome sequencing, and current standards of clinical management to treat patients with M/XDR-TB.


  Tuberculosis (TB) is a major cause of morbidity and mortality in Europe. High-quality laboratory diagnosis of TB is the basis for both individual patient treatment and surveillance. The aim of this handbook is to provide network members and other laboratories involved in the diagnosis of tuberculosis, with an agreed list of key diagnostic methods and their protocols in various areas of TB diagnosis, ranging from microbiological diagnosis of active TB to the diagnosis of latent TB infection. This handbook offers a single source of reference by compiling all methods, with a strong focus on standard (reference) and evidence-based methods. In so doing, it will also contribute to the improvement of disease surveillance data for Europe. The first version of this report, previously published as ‘Mastering the basics of TB control: Development of a handbook on TB diagnostic methods’ (Stockholm 2011) concerned the development of the handbook which was included as an annex. This report has now been revised, updated and renamed as the ‘Handbook on TB laboratory diagnostic methods for the European Union’.

1.2. **Presentations on behalf of the Study Group at scientific meetings:**

- ECCMID 2017 Vienna, ESGMYC, ESCMID Networking Corner Poster ENC021
- ESGMYC representation (Delia Goletti) at the WHO / All-Russian scientific practical conference "An interdisciplinary approach to solve the problem of tuberculosis", 14 - 15 November 2017

1.3. **Proposals for scientific & educational sessions at ECCMID:**

@ECCMID 2017 Vienna:

**Selected:**

- ECCMID 2017 Vienna 2-hour Educational Workshop: ESGMYC recommendations for mycobacterial infections; Organizer(s): ESGMYC (accepted)
- ECCMID 2017 Vienna Meet-the-Expert Session: How to identify and manage latent tuberculosis; Organizer(s): ESGMYC (accepted)

**Not selected:**

- ECCMID 2017 Vienna 1-hour Symposium: Advances in biomarker research on tuberculosis; Organizer(s): ESGMYC (not selected)
- ECCMID 2017 Vienna 1-hour Symposium: How to use new antituberculous drugs; Organizer(s): ESGMYC (not selected)
- ECCMID 2017 Vienna 1-hour Symposium: Molecular diagnostics of M. tuberculosis and non-tuberculous mycobacterial infections; Organizer(s): ESGMD, ESGMYC (not selected)
- ECCMID 2017 Vienna 2-hour Symposium: Innovative PK/PD strategies in tuberculosis research; Organizer(s): EPASG, ESGMYC (not selected)
- ECCMID 2017 Vienna Keynote Lecture: The future of the antituberculous therapy; Organizer(s): ESGMYC (not selected)
- ECCMID 2017 Vienna Meet-the-Expert Session: How to build a national MDR-TB consilium?; Organizer(s): ESGMYC (not selected)

1.4. **Organization of scientific meetings and workshops outside ECCMID:**

- None

1.5. **Organization of educational activities outside ECCMID:**

- ESGMYC - REDE-TB (BRAZIL) - Organization of a joint educational activity on Clinical and Laboratory diagnosis of Mycobacteria in Brazil. Took place on the 21st and 22nd September 2017 at the Federal University of Rio de Janeiro (Hospital do Fundão) under the coordination of Prof. José Roberto Lapa e Silva and Afrânio Kritsky, Full Professors of Pulmonology at the Federal University of Rio de Janeiro, Coordinators of the Postgraduate Program in Medical Clinics and was organized by Miguel Viveiros and João Perdigão (ESGMYC SG members) was focused on laboratory diagnosis of TB and NTM as WGS tools for molecular epidemiology and drug resistance prediction. One joint publication on molecular epidemiology of TB in Brazil and across the Portuguese Speaking Countries (CPLP) countries designed and prepared during the joint educational activity and planned for publication in 2018.
1.6. Funded research projects (especially collaborative projects):

- Medical Guideline project ESGMYC (Emmanuelle Cambau): Non-tuberculous mycobacteria (still in progress with the American Thoracic Society, will be published in 2018)
- SG Research Funding 11850 (Emmanuelle Cambau, ESGMYC): Development of a reference method for MIC-testing of Mycobacterium tuberculosis as a basis for evidence based clinical breakpoints (planned to run until May 2019)
- SG Research Funding 14031 (Jon S. Friedland, ESGMYC): MDR-TB in migrants to Europe: A database analysis and systematic review (submitted - to be reviewed - planned to run until Nov 2018)

1.7. Other important activities:

- ESGMYC News: Tomorrow is World Tuberculosis Day! Unite to end TB! (March 2017)
- EUCAST-ESGMYC Subcommittee on antimycobacterial susceptibility testing. Second meeting, Vienna 23rd, April 2017, at the ECCMID.
- ESGMYC collaborates with WHO for leprosy for drug resistance and with EMA and WHO for new antimycobacterial drugs

2. PLANNED ACTIVITIES

2.1. Proposals for scientific & educational sessions at ECCMID:

@ ECCMID 2018 Madrid:

Selected:

- ECCMID 2018 Madrid Meet-the-Expert (Accepted): How best to manage difficult-to-treat mycobacterial infection; co-arranged with: ESGMYC - ESCMID SG for Mycobacterial Infections
- ECCMID 2018 Madrid Symposium (2 hour) (Accepted): Emerging and reemerging water-borne pathogens; co-arranged with: EFWISG - ESCMID Food- and Water-borne Infections SG, ESGCP - ESCMID SG for Clinical Parasitology, ESGMYC - ESCMID SG for Mycobacterial Infections, Société Française de Microbiologie, ESGLI - ESCMID SG for Legionella Infections
- ECCMID 2018 Madrid Symposium (2 hour) (Accepted): Hot topics in mycobacterial infections; co-arranged with: ESGMYC - ESCMID SG for Mycobacterial Infections

Not selected:

- ECCMID 2018 Madrid Educational Workshop (2 hours) (Not Selected): Preventing mycobacterial diseases in populations at risk; co-arranged with: ESGMYC - ESCMID SG for Mycobacterial Infections
• ECCMID 2018 Madrid Symposium (1 hour) (Not Selected): Mycobacterial infections: who is prone to be ill? ; co-arranged with: ESGMYC - ESCMID SG for Mycobacterial Infections, ESGIE - ESCMID SG for Infections in the Elderly
• ECCMID 2018 Madrid Symposium (1 hour) (Not Selected): New treatment options for nontuberculous mycobacterial disease; co-arranged with: ESGMYC - ESCMID SG for Mycobacterial Infections
• ECCMID 2018 Madrid Symposium (2 hour) (Not Selected): Precision medicine from research to patient care ; co-arranged with: ESGMYC - ESCMID SG for Mycobacterial Infections, EPASG - ESCMID PK/PD of Anti-Infectives SG
• ECCMID 2018 Madrid Symposium (2 hour) (Partly accepted (merged)): Amoeba and Microorganisms: a vehicle for survival, shaping for virulence and promoting genetic transfer for building up pathogens; co-arranged with: Société Française de Microbiologie, ESGMYC - ESCMID SG for Mycobacterial Infections, ESGLI - ESCMID SG for Legionella Infections
• ECCMID 2018 Madrid Symposium (2 hour) (Partly accepted (merged)): Hot topics in mycobacterial infections; co-arranged with: ESGMYC - ESCMID SG for Mycobacterial Infections
• ECCMID 2018 Madrid Symposium (2 hour) (Partly accepted (merged)): Tuberculosis: Interrupting transmission to end the epidemic; co-arranged with: ESGMYC - ESCMID SG for Mycobacterial Infections

Outside ECCMID
• ERS-ESGMYC joint activity is planned to have a shared activity at the 2018 ERS congress (i.e symposium)
• 2nd NTM European Conference. Versailles Medical Faculty, Montigny le Bretonneux 25-26-27 June 2018 (Several members of the ESGMYC participating as part of the “European Scientific Council”)
• Joint activities with the European Respiratory Society, probably in Paris, September 15-19, 2018

3. ADMINISTRATION

3.1. Number of current members:

113 SG members (as of end of December 2017)

3.2. Agenda for General Assembly/Business Meeting:

Agenda will be circulated before ECCMID 2018
4. FINANCES

4.1. Revenues and expenses

Balances approved by Miguel Santin, the treasurer in February 2017.

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<th>Date</th>
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<td>29.09.2017</td>
<td>Transfer of funds to SGRF project #30719 Cambau</td>
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| Amount 01.01.2017 - 31.12.2017 | 33'756.19 | 42'866.14 |
| Balance carried forward         | 0.00      | 9'109.95  |
| Booking year balance            | 9'109.95  |

EUR 9109.95 (as of end of December 2017)

The funds will be mainly invested into “Activities with other societies” and “publications”.

December 2017
Author Delia Golletti