Annual Report 2017

1. COMPLETED ACTIVITIES

1.1. Publications, guidelines and consensus documents:
   - None

1.2. Presentations on behalf of the Study Group at scientific meetings:
   - ECCMID 2017 Vienna, ESGARS, ESCMID Networking Corner Poster ENC006

1.3. Proposals for scientific & educational sessions at ECCMID:

@ ECCMID 2017 Vienna:

Selected:
- ECCMID 2017 Vienna 2-hour Symposium: Polymyxin resistance - current situation and lessons for optimized use; Organizer(s): ESGARS (accepted)
- ECCMID 2017 Vienna 2-hour Symposium: Reporting antibiogram data; Organizer(s): ESGARS (accepted)

Not selected:
- ECCMID 2017 Vienna 1-hour Symposium: Detection of resistance mechanisms with MALDI-TOF; Organizer(s): ESGARS (not selected)
- ECCMID 2017 Vienna 2-hour Symposium: Beta-lactamases in South America - peculiarities and internal diversities; Organizer(s): ESCMID International Affairs Subcommittee, ESGARS (not selected)
- ECCMID 2017 Vienna 2-hour Symposium: Centralized approaches to AMR outside Europe: His Master's Voice; Organizer(s): ESCMID International Affairs Subcommittee, ESGARS (not selected)
- ECCMID 2017 Vienna 2-hour Symposium: Proteus - the next pandrug-resistant threat?; Organizer(s): ESGARS (not selected)
- ECCMID 2017 Vienna 2-hour Symposium: Secrets of success - why do some antimicrobial resistance genes (AMR) spread?; Organizer(s): ESGS, ESGEM, ESGARS (not selected)
- ECCMID 2017 Vienna 4-hour Educational Workshop: The purpose is noble and pure and clean - actions against healthcare-associated infections; Organizer(s): ESGARS, ESG4NI (not selected)
- ECCMID 2017 Vienna Keynote Lecture: The Black Death and the origins of infection control; Organizer(s): ESGARS (not selected)
- ECCMID 2017 Vienna Meet-the-Expert Session: Susceptibility testing and resistance mechanisms of uncommon non-fermenting Gram-negative bacteria; Organizer(s): ESGARS (not selected)
1.4. **Organization of scientific meetings and workshops outside ECCMID:**

- EORTC/ESCMID brainstorming meeting, 14 February 2017, Brussels, Belgium (with official representatives by EFISG, EPASG, ESGAP, ESGARS, ESGBIS, ESGCIP, ESGICH, ESGMD)

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


1.6. **Funded research projects (especially collaborative projects):**

- **Central Asian and Eastern European Surveillance of Antimicrobial Resistance (CAESAR) network.**

  Collaboration with the National Institute of Public Health and the Environment of the Netherlands, Dutch Ministry of Health, Welfare and Sports, the Defence Threat Reduction Agency at the Department of Defence of the United States of America, and the WHO Regional Office for Europe for building the surveillance system for Eastern Europe and Central Asia, CAESAR.

  During the business meeting of the Group in the 2017 ECCMID in Vienna it was agreed that Dr. Arjana Tambic Andrasevic and Dr. Onur Karatuna will contribute to improve the communication and relationship between ESGARS and CAESAR.


- **INCREMENT-SOT project.**

  ESGARS is collaborating (since July 2016) with the ESCMID Study Group for Bloodstream Infections and Sepsis – ESGBIS, the ESCMID Study Group for Infections in Compromised Hosts (ESGICH) and the Spanish Network for Research in Infectious Diseases (REIPI) in the INCREMENT-SOT project (www.increment-sotproject.org; CTI: NCT02852902; An International Consortium for the clinical study of bloodstream infections caused by multidrug-resistant Enterobacteriaceae in Solid Organ Transplantation). As of December 2017, this study has included 850 cases from a total of 41 hospitals worldwide, and the corresponding database has been completed. In addition, a microbiological collection of 190 microorganisms received from some of the centres providing clinical cases is being currently analyzed with antimicrobial resistance profiles, and phenotypic characterization of strains producing ESBL and/or carbapenemases already completed.

1.7. **Other important activities:**
Dr. Giuseppe Cornaglia (Chairperson), Dr. Luis Martinez-Martinez (Scientific Secretary) and Dr. Arjana Tambic-Andrasevic (Treasurer) met in Verona, Italy (Department of Diagnosis, University of Verona) on March 24, 2017 to discuss the agenda for the next ESARS Business Meeting during the ECCMID in Vienna.

One representative of ESGARS (Dr. Onur Karatuna) attended the BEAM Alliance Members Forum (25th April 25, 2017 at 13.00h; ECCMID Congress, Center Hall N).

2. PLANED ACTIVITIES

@ ECCMID 2018 Madrid:

Selected:

- ECCMID 2018 Madrid Symposium (1 hour) (Accepted): A China - Europe axis of developing antimicrobial resistance monitoring; co-arranged with: Chinese Medical Association/China International Medical Foundation, ESGARS - ESCMID SG for Antimicrobial Resistance Surveillance, International Affairs Subcommittee
- ECCMID 2018 Madrid Symposium (1 hour) (Accepted): Antimicrobial resistance in sexually transmitted bacterial infections; co-arranged with: ESGMI - ESCMID SG for Mycoplasma Infections, ESGARS - ESCMID SG for Antimicrobial Resistance Surveillance
- ECCMID 2018 Madrid Symposium (1 hour) (Accepted): Reservoirs of antimicrobial resistance genes; co-arranged with: ESGVM - ESCMID SG for Veterinary Microbiology, ESGS - ESCMID SG for Staphylococci and Staphylococcal Diseases, EFWISG - ESCMID Food- and Water-borne Infections SG, ESGARS - ESCMID SG for Antimicrobial Resistance Surveillance
- ECCMID 2018 Madrid Symposium (1 hour) (Accepted): Resistance to new cephalosporin-inhibitor combinations - mechanisms and clinical significance; co-arranged with: ESGARS - ESCMID SG for Antimicrobial Resistance Surveillance

Not selected:

- ECCMID 2018 Madrid Educational Workshop (2 hours) (Not Selected): Colistin resistance: the last kid in town; co-arranged with: ESGNI - ESCMID SG for Nosocomial Infections, ESGARS - ESCMID SG for Antimicrobial Resistance Surveillance, ESGVM - ESCMID SG for Veterinary Microbiology
- ECCMID 2018 Madrid Symposium (1 hour) (Partly accepted (merged)): No vacancy: novel applications of colonization resistance; co-arranged with: ESGARS - ESCMID SG for Antimicrobial Resistance Surveillance
- ECCMID 2018 Madrid Symposium (1 hour) (Partly accepted (merged)): What is the contribution of antimicrobial use in animals to human morbidity and mortality due to AMR?; co-arranged with: ESGVM - ESCMID SG for Veterinary Microbiology, ESGS - ESCMID SG for Staphylococci and Staphylococcal Diseases, EFWISG - ESCMID Food- and Water-borne Infections SG, ESGARS - ESCMID SG for Antimicrobial Resistance Surveillance
- ECCMID 2018 Madrid Symposium (2 hour) (Not Selected): Lipo(glyco)petide antimicrobial agents: Activity and resistance; co-arranged with: ESGARS - ESCMID SG for Antimicrobial Resistance Surveillance
- ECCMID 2018 Madrid Symposium (2 hour) (Not Selected): Molecular and Genomic diagnostics in the service of infection control at the extremes of age; co-arranged
with: ESGIE - ESCMID SG for Infections in the Elderly, ESGMD - ESCMID SG for Genomic and Molecular Diagnostics, ESGARS - ESCMID SG for Antimicrobial Resistance Surveillance


**Outside ECCMID**


- ICOHAR (International Conference on One Health Antimicrobial Resistance). Planned for 2018 (September/October, final dates to be decided) in Lyon (France). ESGARS will contribute organizing and chairing on session: “One Health integrated surveillance: state-of-the-art and challenges. The session is organized and chaired by ESGARS”.

- Research Project: Surveillance of Polymyxin Resistance in Multiresistant Enterobacteria. A proposal will be prepared and submitted to the ESCMID EC for funding (up to 30.000 Eur.).

3. **ADMINISTRATION**

3.1. **Number of current members:**

111 SG members (as of end of December 2017).

3.2. **Changes in ESGARS Executive Committee.**

- Agreements during the ESGARS business meeting in the ECCMID 2017 in Vienna:
  - Dr. Giuseppe Cornaglia volunteers to leave both the Presidency and the EC in the 2018 ESGARS Assembly in Madrid because of his long standing in the group.
  - Dr. Luis Martinez-Martinez must leave the EC in 2018 because his terms will expire.
  - Dr. Arjana Tambic-Andrasevic leaves her position of Treasurer but maintains her affiliation to the EC, to improve ESGARS-CAESAR communication, with the same role also assigned to Dr. Onur Karatuna.
  - Dr. Nienke van de Sande-Bruinsma leaves the EC.
  - Two new ESGARS members are appointed to the EC, namely Surbhi Malhotra-Kumar (Belgium) who will be the next Treasurer, and Mikhail Edelstein (Russia).

- New elections for ESGARS EC.

During 2018, an election process will be organized in agreement with the ESCMID office for renewal of the ESGARS Executive Committee.
3.3. **Agenda for General Assembly/Business Meeting:**

Agenda will be circulated before ECCMID 2018.

4. **FINANCES**

4.1. **Revenues and expenses**

Revenues and expenses of the account of the CAESAR project (under formal approval by ESGARS treasurer) are managed by the director of this project.

4.2. **Balance**

EUR 18,117.09 (as of end of December 2017)

CAESAR account: EUR 21,000 (as of end of December 2017)

The invoice for UK NEQAS of GBP 30,000 (EUR 34'375.64) has been split among 2017 (EUR 21,000) and 2018 (EUR 13'375.64).

With a budget of EUR 30,000 for 2018, there is EUR 16'624.36 left to spend in 2018.

In the course of the next two years, the SG funds will be invested in the following activities:

- Annual meetings of the Executive Committee.
- Support for educational activities.
- Support for scientific studies

Similarly, for the next two years, the CAESAR funds will be invested in supporting the activities indicated above of this surveillance network.

January 2018

Luis Martínez-Martínez

ESGARS Scientific Secretary