Annual Report 2017

General;
In 2017, the members of ESGNI executive committee (EC) are;

**Margreet C. Vos, Netherlands (Chairperson)**
The main contact person of ESGNI
Chairing the annual meetings of all members ESGNI and EC meetings
Presentation of the ESGNI policy and visiting programs related to ESGNI
Member of ESGS and contact-person of ESGS
Representative of EUCIC Organization of courses in the EUCIC master program

**Elisabeth Presterl, Austria (Chairperson-elect)**
Replacing the chair when needed
Contact person for other SG, not having a membership among EC ESGNI
Member of the EUCIC steering committee
Member of ESGB, EFISG

**Emine Alp, Turkey (Secretary)**
To manage the membership applications to ESGNI
Invitation of members to annual Business Meeting
Submitting final program proposal annual ECCMID meeting
Annual report
Member of ESGCIP

**Hilary Humphreys, Ireland (Treasurer)**
To manage the financial organisation of ESGNI
Defining budget and purpose of the budget

**Barry Cookson, United Kingdom (Past Chairperson)** - Contact person to ESGAP, ESGIE

**Markus Hell, Austria, (Past Secretary)** – Contact person to ESGCD

The mission statement is defined;

**FIGHT HEALTH CARE ASSOCIATED INFECTIONS AND SO IMPROVE PATIENT SAFETY**

The aims are defined as;

- To develop collaborative projects in- and outside the ESCMID organisation; ESCMID study groups, EUCIC, ECDC, European Societies of other medical specialties and other relevant stakeholders, e.g nurses, technicians, engineers
- To conduct research in nosocomial infections and infection prevention and control (IPC)
• To contribute to evidence-based guidelines aimed to improve IPC of nosocomial infections
• To initiate or contribute to position papers in our field
• To conduct educational activities on competences for IPC specialists and other health-care professionals
• To educate the public, patients and public bodies of the importance of nosocomial infections and the need to prioritise and resource IPC strategies

Focus area of ESGNI are defined as topics not being addressed by other SG, specific IPC, like physical environment/cleaning/disinfection/decontamination, design of facilities; hospital (departments) /OR/isolation rooms, the build environment, isolation techniques; bundle of protective equipment, (re)defining the 5 moments of HH; behavioural/action planning/ergonomics, modelling infection prevention interventions, and proportion and number FTE staff member/competence.

For guideline development we identify future gaps like; IPC in operating theatre, and Infection control in hospital supporting units (kitchen, laundry, water system, air system, sterilisation unit, endoscopy unit, nutrition unit, housekeeping)

The focus of ESGNI is chosen as those areas not addressed by other SGs. However, research proposes by other SGS are very welcome to ESGNI which we will happily join when the subject concerns infection prevention/ hospital hygiene.

Concerning cooperation with EUCIC; ESGNI will cooperate with EUCIC in performing research projects, where ESGNI brings the subjects of study(ies), EUCIC will bring their network. We aim to jointly apply for research-grants.

1. COMPLETED ACTIVITIES

1.1. Publications, guidelines and consensus documents:

• To be published: Variability in contact precautions to control the nosocomial spread of multi-drug resistant organisms in the endemic setting: a multinational cross-sectional survey. Danielle Vuichard Gysin; Markus Dettenkofer; Henri Saenz; Barry Cookson; Andreas Widmer, MD, MS

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

• ECCMID 2017 Vienna, ESGNI, ESCMID Networking Corner Poster ENC022
• Hilary Humphreys; Speaker at the ESCMID Course "Hospital-Acquired Infections: Understanding the Magnitude and Needed Interventions" held in Muscat, Oman, from 24-Mar-2017 to 25-Mar-2017 for the following session: New tools for environmental microbial control
• Margreet Vos; Speaker at the ESCMID Course "Hospital-Acquired Infections: Understanding the Magnitude and Needed Interventions" held in Muscat, Oman, from
24-Mar-2017 to 25-Mar-2017 for the following session: Evaluation of tools: outcome measures, methods, defining effects


1.3. Proposals for scientific & educational sessions at ECCMID:

ECCMID 2017 Vienna:

Selected:
1. ECCMID 2017 Vienna 2-hour Educational Workshop: Prevention of Clostridium difficile infection in acute care hospitals - updated ESCMID guidelines; Organizer(s): ESGCD, ESGNI (accepted)
2. ECCMID 2017 Vienna Meet-the-Expert Session: How to improve reliability in infection surveillance; Organizer(s): ESGNI, ESGIE (accepted)

Not selected:
1. ECCMID 2017 Vienna 1-hour Symposium: Are economic incentives for antibiotic development the answer to cope with MDR; Organizer(s): EUCIC, ESGNI (not selected)
2. ECCMID 2017 Vienna 1-hour Symposium: Competencies and training in infection control and antimicrobial stewardship; Organizer(s): ESGAP, ESGNI (not selected)
3. ECCMID 2017 Vienna 1-hour Symposium: Healthcare-associated infection surveillance: hot topics; Organizer(s): ESGNI, ESGIE (not selected)
4. ECCMID 2017 Vienna 2-hour Educational Workshop: Molecular diagnostics for facilitating risk communication in outbreak situations; Organizer(s): ESGMD, ESGNI, ESGEM (not selected)
5. ECCMID 2017 Vienna 2-hour Symposium: Polymyxins - optimal usage and life span; Organizer(s): ESGIE, EPASG, ESGNI (not selected)
6. ECCMID 2017 Vienna 2-hour Symposium: Time to renovate - improving outcome of bacterial infections through innovative technologies; Organizer(s): ESGNI, EUCIC (not selected)
7. ECCMID 2017 Vienna 2-hour Symposium: Unmasking Clostridium difficile - whole-genome sequencing at its best; Organizer(s): ESGMD, ESGCD, ESGEM, ESGNI (not selected)
8. ECCMID 2017 Vienna 4-hour Educational Workshop: The purpose is noble and pure and clean - actions against healthcare-associated infections; Organizer(s): ESGARS, ESGNI (not selected)
9. ECCMID 2017 Vienna Meet-the-Expert Session: How to make an excellent presentation - an interactive session; Organizer(s): ESGNI, ESGIE (not selected)

1.4. Organization of scientific meetings and workshops outside ECCMID:

- None

1.5. Organization of educational activities outside ECCMID:

- ESCMID course: Hospital-Acquired Infections: Understanding the Magnitude and Needed Interventions. Muscat, Oman, 24 – 25 March 2017; organizers: ESCMID Study Group for Infections in Critically Ill Patients (ESGCIP), ESCMID Study Group for Nosocomial Infections (ESGNI), European Committee on Infection Control (EUCIC), CIBERES, Vall d’Hebron Institute of Research, Barcelona, Spain, GCC
Center for Infection Control, Ministry of National Guard-Health Affairs, Riyadh, Saudi Arabia, The Royal Hospital, Muscat, Oman

**EUCIC master courses:**
Submitted; basic and advanced modules; planned for the second tranche of the master;
Elisabeth Presterl:

Advanced module (September 2019, Vienna, approved): “Technical hygiene” – Sterilization, disinfection, cleaning; Reprocessing; Hospital construction; Personal Protection

Margreet Vos;
Basic; Title; outbreak management and detection; from lab to hospital care and vice versa (approved for the second master cycle)
Advanced; Title; The hospital and its design; the building, the air and the water; implications for infection prevention and measures to reduce risk. (approved for the second master cycle)
Part of the organising committee of the advanced course on technical hygiene which will be held in Wien
Participation and organisation, day-chair and presentations of MC Vos in basic course to be held in Groningen, The Netherlands, February 2018

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

- ESCMID Study Groups' competencies in antimicrobial prescribing and stewardship (ESCAPS) aims at exploring a consensus for antimicrobial prescribing and stewardship competencies; led by ESGAP with contributions by ESGNI (Marcus Hell), ESGIAI, ESGIE, ESGCIP, ESGBIS, ESGCD.
The ESCAPS were presented to the ESCMID EC at 2016 ECCMID in Amsterdam. Authors: Barry Cookson (Chair), Bojana Beovic (ESGAP Chair), Diane Ashiru-Oredope, Celine Pulcini, Dilip Nathwani (all ESGAP), Markus Hell (ESGNI), Alex Soriano (ESGIAI), Mical Paul (ESGIE), Jordi Rello (ESGCIP), Joost Wiersinga (ESGBIS), Ed Kuijper (ESGCD).

Another abstract has been submitted to ECCMID 2018 presenting the completion of the RAND DELPHI analyses of the new competencies.

- ECDC-funded TRICE-Implementation Strategy (TRICE-IS) Project. Barry Cookson is a member of the core group in his own right and Markus Hell is the ESGNI representative. This is now completed.


- European Network in Infection Control (EUNETIPS)
Meetings have continued to be held and ESGNI is to approach the executive to be recognised as the ESCMID official representative (Chair of EUCIC is supportive).
- EUCIC survey: implementation of IPCM (infection prevention and control measures) against the spread of MDR-GN (multidrug-resistant Gram-negatives) in endemic settings in European countries – reality and limitations. (Emine Alp)

- PRICE study; ‘PRICE-HRMO’ Cost and effects of PReventIon poliCiEs for Highly Resistant MicroOrganisms. (Margreet Vos, in collaboration with part of the EC members ESGNI)

- Mutters et al; Geographical differences need to be considered in efforts to control multidrug-resistant Gram-negative bacteria Abstract number: 3402, e-poster ECCMID 2018 (Margreet Vos)

- ESGNI received a grant (5000 Euro) for developing the guideline “Behaviours and rituals in the operating theatre” in cooperation with the HIS

1.7. **Other important activities:**
- Updating “recommendations on the practices and rituals in the operating theatre” HIS, UK; an update by the Development Committee of the HIS jointly with ESGNI.
- A survey study was started to determine the status of infection prevention and control bundle practice and regulations in middle income countries and some well resourced countries with the further goal of reflecting on results, updating it and then sending it to more countries via ESGNI/ESGCIP.
- An update of the definition of nosocomial infective endocarditis and the initiative to conduct a multi-centre trial for validation was started. Other ESG are welcome to join.
- **Member of the EUCIC Investigator Group (in alphabetic order):** Michael Buhl, Hilary Humphreys, Nico T. Mutters, Elisabeth Presterl, Jesús Rodriguez-Baño, Evelina Tacconelli, Margreet Vos, Walter Zingg
- Dutch meeting among Dutch EUCIC representatives 17th November 2017; reset the goals and activities
- Presence of Margreet Vos at the Annual EUCIC meeting, 23 April 2017 Vienna

2. **PLANNED ACTIVITIES**

From our newly defined aims we have planned the following;

**Aim:** To develop collaborative projects in- and outside ESCMID organisation; ESCMID study groups, EUCIC, ECDC, European Societies of other medical specialties and other relevant stakeholders, e.g nurses

High on our priority list is to continue to interact with other relevant ESCMID SGs (see above and below) including ESGEM, ESGIE, ESGCIP, EFISG, ESGBI and ESGAP, ESGS and ESGCD, EFWISG.

- Margreet Vos was present at ECDC and the EUNETIPS winter meeting, on 7 December 2016 in Amsterdam. Barry attended on May 2017 in Brussels.
- Member of the investigator group EUCIC for the EUCIC survey: “implementation of IPCM (infection prevention and control measures) against the spread of MDR-GN (multidrug-resistant Gram-negatives) in endemic settings in European countries – reality and limitations” (see above)
- In 2017, we will develop a plan how to cooperate with and a way how to represent ESGNI in other Specialty Societies.

**Aim:** To initiate or contribute to position papers in our field

- Updating “recommendations on the practices and rituals in the operating theatre” HIS, UK; an update by the Development Committee of the HIS jointly with ESGNI.
**Aim:** To conduct research in nosocomial infections and infection prevention and control

- A survey study was started to determine the status of infection prevention and control bundle practice and regulations in middle income countries and some well resourced countries with the further goal of reflecting on results, updating it and then sending it to more countries via ESGNI/ESGCIP.
- An update of the definition of nosocomial infective endocarditis and the initiative to conduct a multi-centre trial for validation was started. Other ESG are welcome to join.

1. The PRICE study was started in 2017 and will be finished in 2018. Cost and effects of PREvention poliCiEs for Highly Resistant MicroOrganisms. (Margreet Vos, in collaboration with part of the EC members ESGNI)

**Aim:** To conduct educational activities on competences for infection prevention and control specialists and other health-care professionals

See above, EUNETIPS, EUCIC and ECDC meetings

**In general:**

a) We will continue to encourage courses in prevention of nosocomial infections.

b) We will also continue to explore new areas of R&D. For this, we need enthusiastic new members to help progress any new initiatives.

- To perform a) and b); we developed a questionnaire to categorize our ESGNI members in their field of interest, their expectations from ESGNI and their potential contribution to ESGNI we developed a list of potential members to be asked.

- Overall Statement: “ESGNI will endeavour to increase the numbers of ESGNI members prepared to perform or propose ESGNI related activities.”

c) The TRICE-IS activities are very important to the ESGNI and indeed ESCMID.

d) The ECDC TRICE WIKI on infection control will need to be progressed. EUCIC is also advised on this via Margreet Vos, who is a stakeholder member of EUCIC and now representative of ESGNI in EUCIC.

**ECCMID 2018 Madrid:**

**Selected:**

1. ECCMID 2018 Madrid Educational Workshop (2 hours) (Accepted): Controversies in C. difficile infection control; co-arranged with: ESGCD - ESCMID SG for Clostridium difficile, ESGNI - ESCMID SG for Nosocomial Infections

2. ECCMID 2018 Madrid Meet-the-Expert (Accepted): How to organize surveillance of healthcare-associated infections in a situation of short lengths of stay and rapid transfers to chronic care facilities; co-arranged with: ESGNI - ESCMID SG for Nosocomial Infections, EUCIC

3. ECCMID 2018 Madrid Meet-the-Expert (Accepted): Prevention of S. aureus: what can we learn from the experts?; co-arranged with: ESGNI - ESCMID SG for Nosocomial Infections, ESGS - ESCMID SG for Staphylococci and Staphylococcal Diseases
Not selected:

1. ECCMID 2018 Madrid Educational Workshop (2 hours) (Reserve): Improvement and extension of infection control practices in resource-limited countries; co-arranged with: ESGNI - ESCMID SG for Nosocomial Infections

2. ECCMID 2018 Madrid Symposium (2 hour) (Reserve): Let's discuss infection control in health-care facilities; co-arranged with: EUCIC, ESGNI - ESCMID SG for Nosocomial Infections

3. 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


7. ECCMID 2018 Madrid Symposium (2 hour) (Not Selected): WGS/NGS in infection control – a hype or an useful tool?; co-arranged with: ESGNI - ESCMID SG for Nosocomial Infections, ESGEM - ESCMID SG for Epidemiological Markers

8. ECCMID 2018 Madrid Symposium (2 hour) (Partly accepted (merged)): The hospital environment, is it safe enough to prevent healthcare-associated infection?; co-arranged with: ESGNI - ESCMID SG for Nosocomial Infections, EUCIC

Outside ECCMID

ESGNI will join with the Healthcare Infection Society (UK) in updating guidelines on practices in the operating theatre (room) that prevent post-operative infection and this work will commence in 2017.

ECDC; representative from ESGNI; Margreet Vos and Elisabeth Presterl, were present at meeting Expert consultation on infection prevention and control training, in Stockholm on 17-18 October 2016.

Elisabeth Presterl is a member of the EUCIC steering committee.

Margreet Vos EUCIC Stakeholders Board, representative from ESGNI;

- **Margreet Vos**: Speaker at the ESCMID Course "Hospital-Acquired Infections: Understanding the Magnitude and Needed Interventions" to be held in Muscat, Oman, from 24-Mar-2017 to 25-Mar-2017 for the following session: Evaluation of tools: outcome measures, methods, defining effects
- **Hilary Humphreys**: Speaker at the ESCMID Course "Hospital-Acquired Infections: Understanding the Magnitude and Needed Interventions" to be held in Muscat, Oman, from 24-Mar-2017 to 25-Mar-2017 for the following session: New tools for environmental microbial control
3. ADMINISTRATION

3.1. Number of current members:

110 SG members (as of end of December 2017)

3.2. Agenda for General Assembly/Business Meeting:

This will be finalized once discussed amongst members.

4. FINANCES

4.1. Revenues and expenses

4.2. Balance

EUR 8,423.27 (as of end of November 2017)

Date: 04 January 2018

Authors Prof Dr. Margreet C Vos, chair /Dr. Emine Alp, secretary