Global Infection Prevention and Control Network
Meeting Report
February 7, 2022
Geneva, Switzerland (Virtual)

INTRODUCTION

The WHO Infection Prevention and Control (IPC) Technical and Clinical (T&C) Hub coordinates the Global IPC Network (GIPCN) which brings together national and international IPC organizations and WHO collaborating centers to enhance local, national, and international collaboration in the field of infection prevention and control (IPC). This includes supporting WHO and Member State efforts on IPC programme strengthening, including surveillance, as well as outbreak preparedness and response.

In person GIPCN meetings were held regularly until 2019. Throughout the COVID-19 pandemic in 2020, members of the GIPCN significantly contributed to the WHO work on IPC in the context of the COVID-19 response and given this support and the urgency of the pandemic response no formal meetings of the GIPCN were held during 2020-21. Attendees welcomed this long-awaited reconvening.

OBJECTIVES AND EXPECTED OUTCOMES OF THE MEETING

The Meeting Objectives were to:

• Provide all the Members with key updates on who recent activities and the plans for IPC
• Provide GIPCN members with the opportunity to share relevant achievements and future priorities
• Hold an initial discussion about the GIPCN way of working and future priorities

Members were encouraged to comment on the objectives.

The Expected Outcomes were to:

• Share meeting notes with GIPCN participants summarizing the meeting presentations and discussions
• Update the GIPCN list of participants
• Propose the next GIPCN working meeting (including specific dates) focused on new/reactivated working groups (including draft TORs) and future priorities

1. OPENING

Dr Benedetta Allegranzi, Technical Team lead, WHO IPC Hub and Task Force

Dr Allegranzi expressed her pleasure in reconvening GIPCN meetings and introduced Dr Rudy Eggers, the new WHO Integrated Health Services Department Director and replacement for Dr. Ed Kelly. Dr Eggers leadership and country perspective, including as WHO Representative in Kenya, was warmly welcomed.
2. WELCOME
Dr Rudy Eggers, Director, WHO Integrated Health Services Department
Described his career with WHO, including with Immunization Services in the field and looked forward to working with GIPCN members. Thanked members for supporting the global emergency response to COVID-19 over the past years through their involvement in WHO advisory and other expert committees.

Commended the most recent work of the WHO IPC team on completing a short IPC Global Report which was presented to the WHO Executive Board (EB) in January 2022. During the EB meeting WHO member states acknowledged the importance of the report findings and were in support of developing an IPC Global Strategy to be considered for ratification at WHA in May 2022.

3. OVERVIEW OF GLOBAL IPC NETWORK
Dr Benedetta Allegranzi
Introduction of Ms. Nita Bellare, the project manager responsible for GIPCN support, provided a summary of the agenda and presented IPC T&C Hub activities.

Noted that GIPCN membership is organizational not individual, and open to organizations which have international activities in the field of IPC capacity building. GIPCN provides especially support to low-resource settings and where IPC capacity is minimal.

IPC is progressing quickly to become a global priority and contributions from members describing new developments at the global level were welcomed. The Network will need to refocus its energies in the next few years with a high priority given to provision of emergency IPC interventions for outbreaks, especially when they are amplified or located in healthcare settings (also in cooperation with the WHO Emergency Emerging Diseases Clinical Assessment and Response Network and the Global Outbreak Alert and Response Network (GOARN). AMR surveillance and implementation (e.g., National Action Plans) are also an important focus of the Network. Current consideration is being given to expanding the number of the WHO collaborating centers for IPC. The GIPCN terms of reference will be updated to reflect this.

One of the Network’s main objectives is to support the development, dissemination, and implementation of WHO’s IPC recommendations, technical documents, and campaign messages. Dissemination can include resources and approaches developed by individual organizations that align with WHO principles. GIPCN also contributes to the global research agenda through the Technical Advisory Group on hand hygiene in health care and other infection prevention interventions.

4. INTRODUCTION OF NEW GIPCN MEMBERS
Paul Rogers, Program Manager, WHO IPC Hub and Task Force
Six new network members were welcomed and asked to introduce themselves as follows (noting that the IPC T&C Hub has been working with some of new members over the past two years):

Africa Centers for Disease Control and Prevention (Africa CDC)
Dr Yewande Alimi, Lead, Antimicrobial Resistance Control Program
Africa CDC is a relatively new organization and has a focus on health system strengthening through AMR work as well as pandemic response activities. It has uniquely developed a continent-wide IPC legal framework, that others can learn from, and that it hopes to support implementation of in Africa.

Infection Prevention and Control Canada (IPAC Canada)
Dr Gerry Hanson, Executive Director, Infection Prevention and Control Canada
Introduced (Dr Zahir Hirji) President of IPAC Canada. IPAC is member-based organization with a large and growing membership that provides expert guidance on IPC to many organizations across Canada.

Infection Prevention Society (IPS)
Dr Debbie Xuereb (speaking on behalf of Rafaela Oliviera França, Coordinator of the International Engagement Committee)
IPS is an independent charity with 2000 members and envisions working with IPC practitioners at the local, national, and international level. The organization joined GIPCN two years ago.

Lifebox
Dr Tom Weisner, Consulting Medical Officer
Introduced Dr Tihitena Negussie, Global Clinical Director, and pediatric surgeon from Ethiopia. Lifebox is a charity focused on improving surgical and anesthetic safety with the aim of reducing surgery-related infections. It has adapted its programs in response to the COVID-19 pandemic with a focus on hospital decontamination of surgical equipment and instruments.

UNICEF
Omar El Hattab, Senior Advisor for Water Sanitation and Hygiene (WASH)
Introduced colleague, Pierre-Yves Oger, a specialist in WASH for Public Health emergencies. UNICEF’s work in IPC has increased since the start of the COVID-19 pandemic and is collaborating with WHO to develop UNICEF’s IPC strategy and roadmap, in recognition that IPC is a critical area.

5. UPDATE ON WHO ACTIVITIES AND PLANS FOR IPC
Dr Benedetta Allegranzi
Dr April Baller, Technical Officer, Lead for IPC- WHO Emergency Response
Dr João Toledo, Technical Officer, WHO IPC Hub and Task Force
WHO Regional focal points

Dr Benedetta Allegranzi
The WHO IPC T&C Hub, led by Dr Allegranzi, is in the Integrated Health Services Department within the Universal Health Coverage - Life Course Division. Dr Allegranzi provided an update of WHO IPC T&C Hub work undertaken during 2020-21 and planned for 2022-23, noting that such work is conducted in alignment and cooperation with WHO Regional and Country Offices. Due to time limitations, the six WHO Regional offices were not able to present.

The IPC T&C Hub leads on the following areas of work:

- Secretariat for the IPC Task Force which is an internal mechanism to provide strategic direction to IPC work across WHO headquarters
- Secretariat for the IPC Global Guidelines Development group and the Technical Advisory Group on hand hygiene in health care and other infection prevention interventions
- Coordination of work on sepsis epidemiology and prevention
- Co-leads the work on clinical management guidance for infectious diseases
- Coordination with Private organisations for patient safety (POPS) hand hygiene (HH) and injection safety (IS). These are two initiatives with private companies that provide products related to HH and IS. The POPS HH group supports the IPC Hub for the Save Lives Clean Your Hands campaign and the annual 5th May World Hand Hygiene Day. POPS IS group has been inactive for a few years but is now being reinvigorated.
• Collates guidance for IPC in primary care, also in collaboration with the US CDC. This work spans neonatal and maternal care and includes the development of a modular training package to be launched later in the year and new standards and guidelines for care of mother and newborn.
• Jointly developed WHO core competencies for IPC professionals with WHO AMR and Patient Safety teams, and to which some of the Network members contributed.
• Provided input for the development of an antimicrobial stewardship toolkit
• Work being undertaken with the AMR Division on the tripartite AMR country self-assessment survey platform, which monitors the Global Action Plan for AMR. Plans include specific section on IPC. A new SDG indicator (on reducing bloodstream infections due to selected antimicrobial resistant organisms) was identified and established for AMR a few years ago.
• Released the Global Patient Safety Action plan in August 2022 which includes an objective directly related to IPC, which the IPC T&C Hub will address through various activities.
• Establishment of the IPC Portal in May 2021 with the multiple objectives of enabling WHO IPC surveys, access for IPC field practitioners to carry out on-line assessments using WHO tools, and later, for the display of IPC implementation data at local, regional, and global levels. All WHO IPC tools will be progressively uploaded to the portal. Facilities and countries can use these tools with the knowledge that their data is secure and can also download a report of the results. The report includes guidance on actions to be taken and resources to be accessed for improving performance.
• Supported the development of new standalone sections on IPC in two essential tools which are used to monitor the implementation of the International Health Regulations. These are the State Parties Self-Assessment Annual Reporting Tool (SPAR) and Joint External Evaluation (JEE) tools. SPAR is a mandatory tool for countries to make annual assessments and support program strengthening.
• Developed a new costing tool which allows countries to cost the elements for developing a budget to implement the WHO hand hygiene multimodal strategy and IPC core components.
• Strong collaboration with WASH, particularly on the joint WHO-UNICEF initiative called Hand Hygiene for All, but also in support to the development of a health care facilities status report in 2020 and a tool for costing interventions to improve hand hygiene in domestic settings.

Dr April Baller

The COVID-19 pandemic response work over the last 2 years has been collaborative effort throughout headquarters and with WHO Regional offices and with a focus on the following thematic areas.
• New and updated guidance documents - More than 15 pieces of guidance have been developed specifically on IPC in the context of the COVID-19 pandemic response. Documents have ranged from areas such as cleaning and disinfection to rational use of PPE and response strategies within healthcare facilities.
• Development of training materials – Materials delivered through OpenWHO with five IPC COVID-19 specific courses and eleven basic and more general IPC courses, all of which have had a high number of enrollments. Supported the dissemination of WHO guidance through webinars.
• Research and Development - Established initial roadmap for COVID-19 research and development (Feb 2020) and 45 different research projects which are now close to finalization e.g., epidemiology and risk factors to health care workers, and innovations of PPE in the context of short supplies.
• Cross-cutting work - Strong collaboration with WASH resulted in WASH and Health Emergencies becoming a stand-alone pillar within the IPC response.
• IPC outbreak framework and toolkit - Framework identified IPC focal persons’ readiness and preparedness elements for effective outbreak response. The resource toolkit supports countries develop context relevant plans, including timelines and key actions at the national level.

**Emergency response work within WHO**

• Response to Ebola and Marburg outbreaks with cross-cutting team support. Strengthened neighboring countries’ operational readiness response. Supports work in fragile conflict and vulnerable states, contextualizing IPC efforts.
• Employed guidance via webinars and provision of human resources. Developed Ebola technical guidance products during last outbreaks; consolidation of guidance in progress. Will address various settings e.g., health facilities, community, and special populations.
• Steps forward: Development of COVID-19 Guidelines; implementation package for resource toolkit; guidance on emergency reemergence of respiratory high threat pathogens in context of COVID-19, focused on establishing a network for outbreaks in coordination with IPC and WASH. Continue work on fragile, vulnerable and conflict settings.

**Dr João Toledo**

Provided overview of the IPC Global Community of Practice (CoP) established this year. Main objective of project is to have a virtual space where members can exchange their experiences regarding implementation of infection control and prevention. Focus of the platform is to:

• encourage knowledge sharing to lead the cultural change;
• facilitate assessing the impact of WHO Covid-19 guidelines;
• reuse information that we and other stakeholders are producing;
• better understand how guidelines are implemented in real life; and,
• learn from previous mistakes.

Project is in pilot phase, currently focused on the area of COVID-19 and will expand later. Primary strategy includes strengthening membership of AFRO and EMRO National and Health Care Facility IPC focal points, supported by the WHO secretariat and members of GIPCN. Current aim is to engage participation by providing live sessions and webinar in common language and time zones.

Launch in March with simultaneous translation available (English, French, Arabic and Portuguese). WHO agreement with platform provider Hivebrite, to host the IPC Global Community of Practice with the support of the ECHO (University of New Mexico) to conduct live sessions and webinars.

**Dr Benedetta Allegranzi**

**Upcoming IPC T&C Hub work**

Network thanked for valuable contributions to IPC projects.

• IPC global report presented at the WHO Executive Board (EB); report available publicly. IPC discussed as a standalone agenda supported by Member states to be discussed at the World Health Assembly (WHA) for first time. Development of IPC global strategy conducted in close consultation with members states, with aim of adoption by EB and WHA in 2023. Historical moment as high-level interest demonstrates IPC’s growing global significance. Requested GIPCN contributions, specifically for content on strategy.
• Global roster of IPC professionals- To be discussed in the next meeting and welcomed GIPCN contributions.
• Global Campaigns- Requested further input from members and support for WHHD 2022. Focus on Institutional Safety and Culture Climate to contribute to hand hygiene improvement as part of multimodal strategy.
• Training projects in collaboration with Emergency response, Patient Safety and WASH
  o Core competencies for postgraduate training and education;
  o Plans to develop additional IPC curriculum components e.g., training for pre-graduates and in-service training;
  o Develop global strategy for IPC training and education (discussed during the Global Legacy Network meeting, 2018).
• Patient Safety Global Action plan- Requested input from GIPCN on IPC strategic objective.
• Guidance documents - Primary care guidelines, implementation resources for specific areas in dental care and dialysis in primary care settings (e.g., outpatient settings and long-term care facilities). Requested input from GIPCN.
• Prevention guidelines - Bloodstream infections e.g., healthcare-associated and catheter associated, and urinary tract infections.
• Measurements, monitoring & surveillance- Finalizing new HAI surveillance definitions for low-resource settings developed with partners, and some specific regions.

Relevant updates and projects from WHO Regional staff
• Dr Ana Paula Coutinho Rehse (EURO)- IPC now positioned within Health Emergencies program as core capacity and must cover more activities. Noted diminished core human resource (HR) capacity and will request adequate coverage. Possible Joint External Evaluations on HR with plans to engage countries in training colleagues.
• Dr Bassim Zayed (EMRO)- Collaboration with HQ colleagues on HAI new case definitions. Work with WHO Emergencies team and countries on IPC Implementation project for selected healthcare facilities to implement models. Focus on vulnerable and conflict countries on standard precautions in the context of COVID-19. Implemented in approximately 55 HCF facilities across six countries.
• Dr Pilar Ramos-Pardo (PAHO): Provide country support in response to multi-drug resistant (MDR) organism outbreaks in hospitals related to COVID-19; will continue to next biennium. Collaboration with US CDC to develop Global Action in Healthcare Network (GAIHN) to ensure early response to emergent AMR threats focused on blood stream infections. Requested global level products and definitions to be implemented regionally, as well as associated containment issues for specific countries.
• Dr Aparna Shah (SEARO): Viable WHO Collaborating Centers on AMR and laboratories present but not focused on IPC. Suggested WHO support to establish capacity-building and requested SEARO work with HQ to develop technical support to member states.

6. DISCUSSION REGARDING WHO PLANS AND PROGRESS
   All Members
• Dr Colin Brown (UKHSA) – Noted change of leadership in WHO Collaborating Center UK (WCC UK). Their current guidance may feed into aspects presented today. Question on how to work together efficiently and support evidence generation? WCC UK appreciated offer to input and feed into existing work streams or activities conducted in parallel.
  o Dr Benedetta Allegranzi responded that focus is how we can work together and to be discussed at end of meeting and next meeting. Appreciated volunteerism and that IPC T&C Hub will reach out to individual members.
7. GIPCN MEMBER PRESENTATIONS

Mainly new organizations presented and focused on their organizational mission related to the interests of GIPCN and current activities and accomplishments. Key points are provided below and links to copies of the full presentations are included here and referenced in the Annex.

  - Dr Benedetta Allegrani responded that an adopted official global strategy accepted as a WHA resolution by members states would enhance funding and collaboration to achieve targets within a timeline. Also, would better ensure IPC will be more effective, implementable and hold countries accountable.
- Dr Bobacar NDOYE (WHO AFRO). Highlighted importance to communicate that STAR tool from International Health Regulations (IHR) is mandatory, as countries are not aware of tool.
  - Dr Benedetta Allegrani responded that WHO will communicate this to countries.

Dr Souha Kanj. American University of Beirut Medical Center.
  - Struggle to manage COVID-19 and had first large outbreak of candida auris with over 134 cases. Focused on developing policies to handle outbreak.
  - Sharp increase in MDR pathogens, particularly vancomycin resistant enterococci and recently Klebsiella producing carbapenamase (KPC) producers.
  - Reaffirmed difficult situation in Lebanon and region unable to accomplish goals; therefore, currently focusing on national level work.

Drs Fernanda Lessa, Ben Pak, and Rachel Smith. US CDC. Presented on collaboration with US Presidents emergency plan for AIDS relief (PEPFAR) and GAIHN.
  - Collaboration with PEPFAR for country operational planning include IPC “site safety” considered “minimum program requirement” standards for implementing partners. Sparked movement to develop standardized tools and indicators to show improvement.
  - GAIHN global collaborative network with PAHO (2020) includes countries’ institutions and partners at global, regional, national and sub national level. Together Partners address priority emerging threats in healthcare settings through rapid detection, prevention, and response, with two modules focused on AMR and HAIs. Described objectives and current activities and over next five years.

Prof Nico T. Mutters, Institute for Hygiene and Public Health, Bonn University Hospital-European Committee on Infection Control (EUCIC). Completed two-year IPC training Program. in collaboration with ECDC, current courses and upcoming courses available (May). Provided update on various guidelines e.g., clinical surgical prophylaxis with estimates of patients’ MDR bacteria and updates on spread of MDR in hospital patients from 2014. Guidelines to be published in Open Access.

Prof Folasade (Sade) Ogunsola. Infection Control Africa Network (ICAN). Presented mission and major goals to strengthen IPC through affiliate associations advocating training. Collaborations and training activities with Africa CDC, Resolve to Save Lives and ECHO. Activities focus on large scale webinar trainings contextualized for African countries e.g., post-graduate training programme and in-service training. New areas include surveillance and lab support. Noted potential future collaboration with International Rescue Committee.

Dr Terrie Lee and Dr Neil Wigglesworth. International Federation of Infection Control (IFIC). Dr Lee described IFIC monthly webinars and topics. Some webinars held in collaboration with other
organizations (e.g., IPAC). Public welcome to join and recordings available online. Planning in-person conference in May 2023 in Budapest, Hungary.

- Dr Gerry Hansen, Executive Director and Dr Zahir Hirji, President- Infection Prevention Association of Canada (IPAC). Dr Hirji described membership and revitalizing website this year. Focus of organization supporting vaccines and reduction of vaccine hesitancy. Conference planned for April. Advocating IPC funding with government, including long term care settings, education in IPC (degree programs), and IPC board certifications and accreditation resulting from work in COVID-19. Provided overview of IPAC strategic planning.

- Dr Thomas Weiser, Associate Professor of Surgery, Director of Global Engagement, Department of Surgery- Lifebox, Stanford University, California. Non-profit focused on surgical and anesthetic safety to reduce infections. Implements surgical infection prevention Program (Clean Cut). Working internationally with partners to promote core standards and support IPC implementation and evaluation. Work to be published in NEJM March 2022, on decontamination of surgical instruments with local construction of mobile cabinets in Brazil, Mexico, Ethiopia, Kenya.

- Dr Sharon Wright, President and Dr Kristy Weineshel, Executive Director- Society for Healthcare Epidemiology of America (SHEA). Society representing physicians and other healthcare professionals internationally. Main activities over two years include: COVID-19 Town Hall and quarterly coffee talks, free education training programs (Prevention Check), new online Open Access Journal- Antimicrobial Stewardship in Healthcare Epidemiology (ASHE) and compendium of strategies to prevent healthcare associated infections and acute care hospitals (2022).

8. GIPCN WAY OF WORKING AND FUTURE PRIORITIES

Dr Benedetta Allegranzi and All Members

Thanked members for contributions during meeting and encouraged them to use platform to facilitate communication and optimize expertise across organizations.

Key points for follow-up

- **Review GIPCN Terms of Reference and refresh language** in consideration of past two years. Substantial changes not allowed since GIPCN is a formal WHO network and would require WHO Legal department approval.

- **Convene three WHO Working Groups (WG):**
  1) **IPC training and education WG.** Developed webpage illustrating activities in training and education members offer. Request members to review and update with their work. WHO and Network can promote international activities on website.
  2) **Outbreak and emergencies WG.** New Emergency response team will coordinate and develop proposal to share with members to gauge interest.
  3) **IPC country support cross-cutting WG.** Would respond to requests for IPC support health systems and recovery addressing current pandemic. Recommended approach includes development, improvement, and sustainability of IPC programs to address different priorities e.g., AMR and outbreaks in health care. Discussed development with members.

- **Global Strategy** - Requested members’ suggestions on how to best input into Strategy.

- **GIPCN web platform and communication**- Established platform with assets, materials, and Sharepoint forum for communication. Proposal to revitalize WHO web platform with Network input of how to communicate most effectively (e.g., social media). WHO GIPCN Sharepoint used for discussion forums will add new members.
• **Frequency and future format of meetings** - Currently only virtual and on-line meetings convened. Proposed meeting topic on Regional office and member updates in mid or late March; follow-up with meeting plans. Suggestion to convene one or two brief meetings to catch-up on updates and work presented.

**CLOSING REMARKS AND NEXT STEPS**

*Dr Benedetta Allegranzi* expressed appreciation for member participation and contribution to work on IPC globally. Asked members to prepare for discussions on substantial work together in the coming months.

**Next Steps**

1) Request members to share updates without being prompted. Paul Rogers will reach out to member for future Newsletter contributions. IPC Newsletter is generally shared monthly with updates from HQ and regionally. Provides opportunity for organizations to promote activities, events and share progress with the IPC Community.

2) Frequency and future format of meetings will include Regional and member updates as well as focused Working Group meetings. WHO will propose Working Groups’ focus and request that members input on focus areas.

3) Request that members take an active role in strengthening the Network.

4) IPC Hub will contact members about support and requests that members communicate to Nita Bellare (with Dr Benedetta Allegranzi and Paul Rogers in copy) about any topics presented during this meeting.
ANNEX: HYPERLINKS TO GIPCN TEAMS GROUP AND RELATED MEETING DOCUMENTS

ANNEX A- Agenda

Meeting Agenda

7 February 2022 13.30-16.00 CET

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>13.30-13.40</td>
<td>Welcome remarks</td>
<td>Rudi Eggers</td>
</tr>
<tr>
<td>13.40-13.45</td>
<td>Housekeeping, meeting objectives and agenda overview</td>
<td>Nita Bellare</td>
</tr>
<tr>
<td>13.45-13.55</td>
<td>Global IPC Network</td>
<td>Benedetta Allegranzi</td>
</tr>
<tr>
<td>13.55-14.05</td>
<td>Introduction of new GIPCN members</td>
<td>Paul Rogers</td>
</tr>
<tr>
<td>14.05-14.30</td>
<td>Update on WHO activities and plans for IPC</td>
<td>Benedetta Allegranzi, April Baller Joao Toledo and regional focal points</td>
</tr>
<tr>
<td>14.30-14.40</td>
<td>Discussion</td>
<td>ALL</td>
</tr>
<tr>
<td>14.40-15.20</td>
<td>Update from GIPCN members*</td>
<td>Moderator: Paul Rogers</td>
</tr>
<tr>
<td>15.20-15.30</td>
<td>Discussion</td>
<td>ALL</td>
</tr>
<tr>
<td>15.30-15.55</td>
<td>GIPCN way of working and future priorities</td>
<td>Benedetta Allegranzi and ALL</td>
</tr>
<tr>
<td>15.55-16.00</td>
<td>Closing remarks</td>
<td>Benedetta Allegranzi</td>
</tr>
</tbody>
</table>

*American University of Beirut Medical Center, US CDC, EUCIC, ICAN, IFIC, IPAC, Lifebox, SHEA.
Global Infection Prevention and Control Network (GiPCN) Virtual Meeting - February 7, 2022
Geneva, Switzerland

List of Participants

American University of Beirut Medical Center (AUBMC)
Souha KANJ
Lebanon
sk11@aub.edu.lb

Association for Professionals in Infection Control and Epidemiology (APIC)
Linda DICKEY
Arlington, Virginia, USA
ldickey@hs.uci.edu

Asia Pacific Society of Infection Control (APSIC)
Lin Moi LING
Singapore
ling.moi.lin@singhealth.com.sg

Africa CDC
Yewande ALIMI
Ethiopia
Alimiy@africa-union.org

Baltic Antibiotic Resistance Collaborative Network (BARN)
Birgitta LYTSY
Sweden
birgitta.lytsy@akademiska.se

Centers for Disease Control and Prevention (CDC), US Federal Government
Georgia, USA
Fernanda LESSA
dta3@cdc.gov

Benjamin PAK
bip5@cdc.gov

Rachel SMITH
vih9@cdc.gov

EUNETIPS
Daniele CELOTTO
Italy
daniele.celotto@asugi sanita.fvg.it

European Committee on Infection Control (EUCIC)
Prof Nico T. MUTTERS
Switzerland
nico.mutters@ukbonn.de

Global Alliance for Infections in Surgery
Dr Massimo SARTELLI
Italy
massimosartelli@infectionsinsurgery.org
massimosartelli@gmail.com

Global Outbreak Alert and Response Network (GOARN)
Dale FISHER
National University Hospital Singapore
mdcfda@nus.edu.sg

Infection Control Africa Network (ICAN)
Sade OGUNSOLA
Nigeria
sade.ogunsola@gmail.com
Institute of Epidemiology, Disease Control & Research (IEDCR)
Mushtuq HUSAIN
Bangladesh
mushtuq@dr.com

International Federation of Infection Control (IFIC)
Terrie LEE
United Kingdom
info@theific.org
tleewv@msn.com

Neil WIGGLESWORTH
United Kingdom
neil.wigglesworth@gmail.com

Infection Prevention Association of Canada (IPAC)
Zahir HIRJI
President of IPAC Canada
Canada
zhirji@shn.ca

Gerry HANSEN
Executive Director
Canada
executivedirector@ipac-canada.org

International Society of Antimicrobial Chemotherapy (ISAC)
Andreas VOSS
Netherlands
secretariat@isac.world
isac@abdn.ac.uk
vossandreas@gmail.com

Lifebox
Thomas WEISER
California, USA
tweiser@stanford.edu
MSF-Amsterdam
Maya CHAVEZ
Netherlands
maya.chavez@barcelona.msf.org

North-West Medical University
Batyrbek ASLANOV
Russian Federation
batyra@mail.ru

Anna Lubimova LUBIMOVA
Russian Federation
lubimova@gmail.com

School of Nursing, University of São Paulo, Brazil
Collaborating Centre Brazil
Maria Clara PADOVEZE
Brazil
padoveze@usp.br

SHEA
Kristy WEINSHEL
Executive Director
Arlington, VA USA
kweinshel@shea-online.org

Sharon WRIGHT
BILH - Chief Infection Prevention Officer
Boston, MA, USA
sharon.wright@bilh.org

Société française d'Hygiène Hospitalière (SF2H)
Didier LEPELLETIER
France
didier.lepelletier@chu-nantes.fr

UNICEF
Omar EL HATTAB
New York City, New York, USA
oelhattab@unicef.org
Pierre-Yves OGER  
Switzerland  
pyoger@unicef.org

WHO Collaborating Centre for Infectious Disease Epidemiology and Control, China  
Gabriel LEUNG  
Hong Kong, China  
gmleung@hku.hk

Seto Wing HONG  
Hong Kong, China  
whseto@hku.hk

WHO Collaborating Centre for Patient Safety, University Hospital of Geneva (HUG), Switzerland  
Didier PITTET  
Switzerland  
Didier.Pittet@hcuge.ch

WHO Collaborating Centre for Reference & Research on Antimicrobial Resistance and Healthcare Associated Infections  
Colin BROWN  
United Kingdom  
colin.brown@phe.gov.uk;

WHO Collaborating Centre for Infection Prevention and Control and Anti-Microbial Resistance  
Majid AL SHAMRANI  
Executive Director, Infection Prevention and Control Department  
Riyadh City, Kingdom of Saudi Arabia  
ifc1@ngha.med.sa  
alshamranima2@ngha.med.sa

World Surgical Infection Society (WSIS)  
Kemal RASA  
Turkey  
kemrasa@gmail.com

REGRETS
Robert Koch Institute
Sara TOMCYZK
Germany
TomczykS@rki.de
WHO SECRETARIAT

Benedetta ALLEGRAZI
IPC T&C Hub (HQ)
allegranzib@who.int

April BALLER
Country Readiness Strengthening (HQ)
balleraw.oh.int

Ana Paula COUTINHO REHSE
Infectious Hazard Management (EURO)
coutinhoe@who.int

Pierre KARIYO
Integrated Service Delivery & Primary Health Care (AFRO)
kariyop@who.int

Laurethia MADUMERE
Country Readiness Strengthening (HQ)
madumerei@who.int

Madison Taylor MOON
Country Readiness Strengthening (HQ)
mmoon@who.int

Babacar NDOYE
ICAN-FR
ndoyeb@who.int

Valeska STEMPLIUK
Regional focal point IPC
WHO Jamaica & PAHO
stempliv@paho.org

Maha TALAAT ISMAIL
Division of Communicable Disease Control (EMRO)
talaatm@who.int

Joao TOLEDO
IPC T&C Hub (HQ)
jotoledo@who.int

Vicky WILLET
Country Readiness Strengthening (HQ)
vickylwillet@gmail.com

Bassim ZAYED
Division of Communicable Disease Control (EMRO)
zayeb@who.int

ANNEX 3- Presentations