

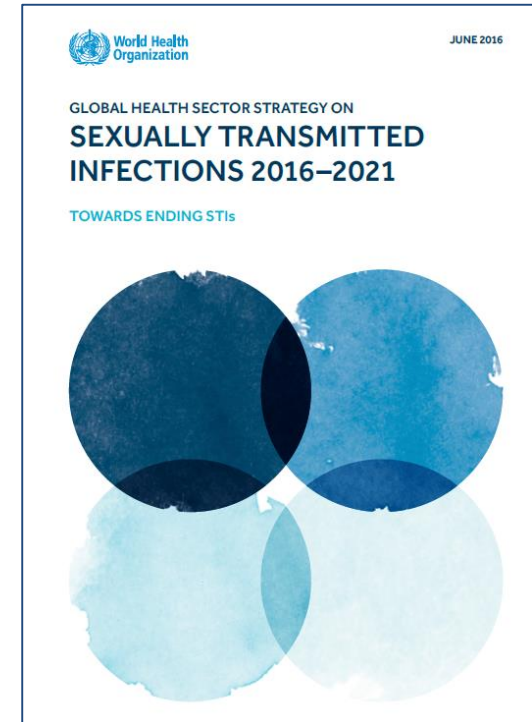
# Brazil-EU

## Sexually Transmitted Infections & Anti-Microbial Resistance network (**STI-net**)

A professional alliance that incorporates public health, clinical, academic and laboratory disciplines involved in STI and AMR surveillance to exchange expertise and support delivery of national surveillance programmes, digital innovations in healthcare pathways and scientific research

# Rationale for STI-net

- STIs and AMR are **major public health concerns** worldwide, including in Brazil and Europe
- Significant **health inequalities** – association with socio-economically deprived, stigmatised and/or marginalised populations
- The WHO have highlighted that **limited surveillance data and research** have compromised the global STI and AMR response
- Improving knowledge **about the emergence, transmission and impact of STI-AMR** (particularly *Neisseria gonorrhoeae* and syphilis) in Brazil and the EU would be of immediate public health benefit in these countries and globally



*Neisseria gonorrhoeae*  
(Gonorrhoea)



*Treponema pallidum*  
(Syphilis)

# Objectives of STI-net & Work Plan

1. **Strengthen and extend existing national surveillance programmes** for STIs and associated AMR in Brazil and the EU
2. **Link whole genome sequencing** to surveillance records to investigate **STI transmission** and **emergence of AMR** across and between Brazil and the EU
3. Co-develop systems for piloting **digital connectivity** between STI and AMR test results and public health surveillance
4. Pilot **digital healthcare service models with rapid turnaround times** for appointment booking, risk assessment, testing, results and treatment
5. Co-develop guidelines and research protocols to investigate the **impact of a new biomedical interventions for HIV** on the incidence of STIs and AMR

**April:** scoping exercise

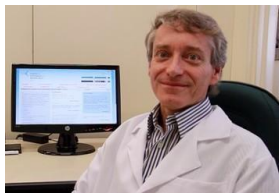
**May:** 3d workshop in **Brasilia**

**July:** 3d workshop in **London**

**Oct:** grant proposals



Provide a foundation for a **global surveillance network** and a framework for developing innovative research proposals



# Partners



- Instituto de Medicina Tropical, Faculdade da Medicina, Universidade de São Paulo
- Secretaria Estadual de Saúde (SES), São Paulo
- Faculdade de Ciências Médicas da Santa Casa de São Paulo
- Ministry of Health, Brasilia
- Centro de Tecnologia Educacionais, Universidade de Brasilia
- Instituto Nacional de Infectologia Evandro Chagas (INI) - Fundação Oswaldo Cruz (FIOCRUZ), Rio de Janeiro
- Federal University of Santa Catarina, Florianopolis
- Public Health England, London, UK
- The London School of Hygiene & Tropical Medicine, UK
- 56 Dean Street/Dean Street Express, London, UK
- Wellcome Sanger Institute, Cambridge, UK
- Örebro University Hospital, National Reference Laboratory for Pathogenic Neisseria, Sweden

