SECOND INTERNATIONAL CONFERENCE ON CLINICAL METAGENOMICS (ICCMg)
Back to was what to be the future (in the past)
FIRST INTERNATIONAL CONFERENCE ON CLINICAL METAGENOMICS (ICCMg)
Meeting report

Messages from the first International Conference on Clinical Metagenomics (ICCMg)

Etienne Ruppé a,*, Gilbert Greub b, Jacques Schrenzel a,c
Messages from the first International Conference on Clinical metagenomics (ICCMg), Geneva, Oct 2016 sciencedirect.com/science/article... #microbiota
Where are we (one year after)?

Nucleic acids extraction
- Recovery of nucleic acids from the pathogen
- Remove the nucleic acids from the host

Sequencing
- Long-reads for better resolution
- Short reads for fast turn-around time
- Include negative control

Data analysis
- Are conventional gold standards appropriate?
- Open access
- Universal, fast bio-informatic pipeline
- Identification of contaminants

Clinical translation
- Towards therapeutic bacterial cocktails
- Identification of new pathogens
- Tailored antimicrobial treatment
Where are we (one year after)?

**Nucleic acid extraction**
- Schizophrenia: removing host DNA or not?

**Sequencing**
- Faster and faster!
- Storage?

**Data analysis**
- Which pipeline?
- CMg provides lots of information, including human DNA/transcriptome
- Ethics

**Clinics**
- Main endpoint, after all?
- Identification of "new" "pathogens"
- Outcome

---

Regulation/quality
SECOND INTERNATIONAL CONFERENCE ON CLINICAL METAGENOMICICS (ICCMg)

Acknowledgments time!
The organizers

Jacques Schrenzel  Enrico Zuffi  Ségolène Boudou

But also: Bijan Ali Hamouda, Huw Francis, Lisa Zuffi, Sylvain Morin, Serena Baldelli, Colette Nicollier and Isabelle Bonne
The speakers
The audience
The sponsors
International Conference on Clinical Metagenomics

With the support of

Gold sponsors

BD
Roche
Oxford Nanopore Technologies
DANONE

Silver sponsors

Fasteris
Ferring
Institut Merieux
Biomerieux
MaT
Nestle
PathoQuest

Institutional sponsors

HUG
SGM-SSM
FEBS
FNS SNF
American Society for Microbiology
Fondation Campus Biotech Geneva
“ce n’est qu’un au revoir”