

NGS Workshop - Programme

14 January 2027 · Institut Imagine, Paris

09:00-10:30	Session 1: Metagenomic Approaches in Transplantation The impact of clinical metagenomic testing on patient management: facts versus fantasy. JC de Vries Applications of cell-free DNA (cfDNA) metagenomics in transplant patients. Jan Esse
10:30-11:00	Coffee Break
11:00-12:30	Session 2: NGS for Viral Infections in Transplant Patients Use of NGS to characterize the emergence of respiratory viral variants in transplant recipients. Antonin Bal Contribution of NGS to the detection and characterization of antiviral resistance mutations (CMV). Sarah Gillemot
12:30-13:30	Lunch
13:30-15:00	Session 3: Selected Oral Presentations Recent research in infectious agent genomics in transplant patients (6-8 presentations selected from submitted abstracts).
15:00-15:30	Coffee Break
15:30-16:30	Ongoing ENNGS projects Virus Discovery. Jutte de Vries Metagenome in a bottle. Neil Almond
15:30-18:00	Session 4: Hands-on Workshop
Facilitators: A. Jary, M. Salmona, P. Cappy, C. Rodriguez, A. Bal, G. Destras Participants will be divided into two or three parallel groups, depending on room availability. Group 1: NGS Data Processing and Quality Control Raw data handling · Quality assessment · Preprocessing workflows Group 2: Viral Genome Analysis and Variant Detection Alignment and variant calling · Detection of resistance mutations and viral quasispecies Group 3: Clinical Interpretation and Reporting Clinical interpretation of NGS results · Case-based discussions · Reporting strategies	
18:00	Wrap-up and Closing Remarks
19:00	Networking Dinner