



ESCV Workshop on Next Generation Sequencing (NGS) in Clinical Virology co-organized with Virology Study Group of Turkish Society of Microbiology Antalya, TURKEY	
	<u>Day 1, November 17</u>
9.00-9.30	Welcome to ESCV - NGS workshop Jutte de Vires, Leiden University Medical Center, Leiden (NL)
9.30-10.00	A General Overview of the Basics and Workflow of NGS Aycan Gündoğdu, Erciyes University, Faculty of Engineering, Kayseri (TR)
10.00-10.30	NGS in the Diagnosis of Infections Bedia Dinc, Ankara City Hospital, Ankara (TR)
10.30-11.00	Coffee Break
11.00-11.30	Quality Assessment for Viral Metagenomics Rob Schuurman, University Medical Center, Utrecht, (NL)
11.30-12.00	NGS Platforms: Requirements for Clinical Virology and Antiviral Resistance Testing Mert Kuskucu, Cerrahpaşa Medical School, Istanbul (TR)
12.00-12.30	Bioinformatic Tools for Sequence Data Analysis in Clinical Virology Ufuk Nalbantoglu, Erciyes University, Faculty of Engineering, Kayseri (TR)
12.30-14.00	Lunch
14.00-14.30	NGS in Clinical Virology Eric Claas, Leiden University Medical Center, Leiden (NL)
14.30-15.00	NGS in Novel Virus Discovery Koray Ergunay, Walter Reed Biosystematics Unit (WRBU), Smithsonian Institution Museum Support Center, Suitland, MD (USA) and Hacettepe University, Faculty of Medicine, Ankara (TR)
15.00-15.30	Use of NGS in Viral Outbreak Investigations Nicole Fischer, Hamburg, (DE)
15.30-16.00	Coffee Break
16.00-16.30	Role of the Virome in Immunocompetent Jutte de Vries, LUMC, Leiden (NL)
16.30-17.00	Viral NGS: Everything We Use from Surveillance-Diagnostics to Metagenomic Approaches Mert Erdin, University of Helsinki, Faculty of Medicine, Helsinki (FI)
17.00-17.30	Experiences of National Reference Laboratory in COVID-19 Genotype Determination with NGS Gulay Korukluoglu, Turkish References Laboratory, Ankara, (TR)



	<u>Day 2, November 18</u>
8.00-8.15	Opening Gulendam Bozdayi-Arzu Sayiner
8.15-12.00	Practical Issues on Next Generation Sequencing (GEN ERA DIAGNOSTICS) Jale Yildiz (Field Application Specialist) Can Holyavkin (Project Manager) <ul style="list-style-type: none">○ Introduction to NGS applications (30 min)○ Wet lab for viral metagenomics application:○ Sample quality control (30 min)○ Library preparation (1 h)○ Loading the instrument (Illumina iSeq) (30 min)○ Bioinformatics analysis (1 h)
12.00-12.30	Participant Presentations (5-10 min each) Questions and discussion points raised by the participants Moderators: Eric Claas and Jutte de Vries, LUMC, Leiden (NL)
12.30-12.45	End of Meeting and Farewell Gulendam Bozdayi-Arzu Sayiner