

INTRODUCTION TO NEXT GENERATION SEQUENCING WORKSHOP

Location: BMW3 04.216, O&N 2, Herestraat 49 , 3000
Leuven
Date: Friday 24, September 2021
Time: 9:00 – 17:00
Organizer: Genomics Core Leuven

9:00 – 10:30	Welcome and Introduction to Sequencing Technology	Wouter Bossuyt
10:30 – 11:00	Virtual Coffee Break	
11:00 – 12:00	Library Prep Protocols and Sequencing: WGS, RNA-Seq, Targeted Sequencing, Single-Cell	Wouter Bossuyt
12:00 – 13:00	Lunch	
13:00 – 13:15	Why NGS Bioinformatics?	Alvaro Cortés Calabuig
13:15 – 14:00	Understanding NGS Raw Data: Fastq Format, Quality Checking	Erika Souche
14:00 – 15:00	Reads Mapping and Variant Calling	Luc Dehaspe
15:00 – 15:30	Break	
15:30 – 16:00	Visualization on IGV	Erika Souche
16:00 – 16:45	Other NGS Applications: CNV, Structural Variation, RNA-Seq	Erika Souche, Alvaro Cortés Calabuig
16:45 – 17:00	Ask the team: What your ever wanted to Know About Sequencing	Team Genomics Core Leuven

Additional information

Although this is an online workshop, some places will be offered on site*. Registration at www.genomicscore.be is required for all participants. The workshop is free of charge. For inquiries, please send an email to maseq@genomicscore.be.

(*) Subject to health regulations.