

New Technologies in Genome Analysis Course

Tuesday 17 th January	
19:30	Welcome introduction by Dr. Tichy and Prof. Pospisilova in Campea hotel
Wednesday 18 th January (CEITEC – building A35, room 211, 2 nd floor)	
8:45	Registration
9:00	Introduction – basics of Next-generation sequencing technology
10:15	Coffee break
10:30	Practical part – sequencing experiment
12:00	LUNCH in Academic Restaurant
13:30	Practical part – sequencing experiment
15:00	Coffee break
15:15	Practical part – sequencing experiment
18:00	DINNER in Campea Restaurant
Thursday 19 th January (CEITEC – building A11, room 205, 2 nd floor)	
9:00	Vladimir Benes , EMBL, Germany: NGS today and in the future
9:45	Lesley Ann Sutton , Uppsala University, Sweden: Applications of NGS technologies in functional genomics: The CL story
10:30	Coffee break
11:00	Andreas Agathangelidis , CERTH, Greece: High throughput immunogenetics in Chronic lymphocytic leukemia
11:30	Nikos Papakonstantinou , CERTH, Greece: Dissecting the role of the histone methyltransferase EZH2 in CLL
12:00	Filip Pardy , CEITEC, CZ: Introduction to min-ION technology
12:30	LUNCH in Academic Restaurant
14:00	Jan Provaznik , EMBL, Germany: Genome assembly – Size matters
15:00	Jonathan Landry , EMBL, Germany: RNA-seq data analysis – Practical assessment of the best practices
16:00	Coffee break
16:30	Evaluation of experimental part
17:30	Transport to Mendel Square by bus
18:00	Guided tour of Mendel Museum
19:00	DINNER in Brewery Pivovarska on Mendel Square
Friday 20 th January – departure	