



25/09/2013

WEDNESDAY **10.00 - 17.30**

Hotel International
Husova 16, Brno, CZ

CORE FACILITY GENOMICS WORKSHOP: NEXT-GEN SEQUENCING TECHNOLOGIES AND APPLICATIONS

Start	Lecture	T TECHNOLOGY	A APPLICATION
9.30	Registration		
10.00	Welcome (Boris Tichý)		
10.15	Roche Diagnostic kits for Roche 454 systems	T	
10.35	GeneTiCA MiSeq – laboratory swiss knife tool	T	
10.50	Roche Nimblegen target capture	T	
11.10	Life Technologies AmpliSeq targeted resequencing	T	
11.30	Coffee break		
11.50	GeneTiCA LymphoTrack DeepSeq TCRG assay	T	
12.10	Multiplicom MASTR based clinical diagnostic applications for germline and somatic mutations with current MPS technologies	T	
12.30	Lunch		
13.30	V. Stránecký (1.LF UK) Exome sequencing		A

Start	Lecture	A APPLICATION
14.00	P. Hořín (CEITEC VFU) Genomic analyses in domestic animals	A
14.30	E. Froňková (2.LF UK) NGS in leukemia minimal residual disease analysis	A
15.00	M. Musilová (LF MU) NGS in mutational analysis of BCR/ABL fusion gene	A
15.20	Coffee break	
15.40	D. Chudakov (CEITEC MU/ Shemyakin & Ovchinnikov Institute of Bioorganic Chemistry) T-cells and B-cells NGS profiling	A
16.20	P. Müller (MOÚ Brno) Application of NGS for global analysis of phage display libraries	A
16.50	S. Staňo Kozubík (CEITEC MU/FN Brno) NGS analysis of clonal development in chronic lymphocytic leukemia	A
17.10	I. Vogel (CEITEC MU/BFÚ AV ČR) Analysis of transposable elements expression using NGS data	A
17.30	Coffee & Discussion	

Free entry