

Summer school in Forensic Genetics and Massively Parallel Sequencing

Example of week 2

Theme: Forensic Genetics

	Monday	Tuesday	Wednesday	Thursday	Friday
Morning	Welcome and Introduction	Forensic genetics and analyses of CE	Introduction to paternity/relationship testing	Introduction to MPS in forensic genetics	Oral presentations in groups
	Break	Break	Break	Break	
Morning	Guided tour, DNA sampling and crime scene investigation	Exercises in forensic genetics and analyses of CE	Exercise in paternity/relationship testing	Exercise in MPS in forensic genetics	
	Lunch	Lunch	Lunch	Lunch	
Afternoon	From trace sample to DNA profile	Weight of the evidence	Future Forensic DNA investigations (prediction of physical traits, ancestry, age and tissue)	Group work – preparation of oral presentation	
	Break	Break	Break	Break	
Afternoon	Biological traces, quality of DNA, DNA markers	Exercises in real crime case work	Group work – preparation of oral presentation	Group work – preparation of oral presentation	
Night	Social activity				

Example of week 3

Theme: Massively parallel sequencing (MPS)

	Mandag	Tirsdag	Onsdag	Torsdag	Fredag
Morning	Introduction to MPS lab workflow	Example of use of MPS	Example of use of MPS	Group work – data analysis	Presentation af data analysis
	Break	Break	Break		
Morning	Introduction to MPS data analysis	Example of use of MPS	Group work – data analysis		
	Lunch	Lunch	Lunch	Lunch	
Afternoon	Introduction to MPS exercises in groups	Group work – data analysis	Group work – data analysis	Group work – data analysis	
	Break			Break	Break
Afternoon	Group work - MPS exercises			Group work – data analysis	Evaluation