ParaFrap II -- Bioinformatics Workshop -- 3-8 July 2017, Montpellier FR

	Monday 3 July 2017	Tuesday 4 July 2017	Wednesday 5 July 2017	Thursday 6 July 2017	Friday 7 July 2017	Saturday 8 July 2017
9	*Overview, Introductions*	*Genome Browser Exercises - II (Group Exercise)*	*RNA-seq Mapping Exercise - II (Group Exercise)*	*Functional Genomics Exercises*	*Intro to Regular Expressions*	*Group Project Presentations*
	Bastien, Baumgarten, Harb, MacPherson, Roos, Warrenfeltz	**Analysis & interpretation of RNA-seq evidence**	**Interpreting RNA-seq mapping results**	**Transcriptomics, Proteomics**	*Cameron MacPherson*	*all students*
					Sequence analysis Exercises Pattern recognition, colocation	
10	**Who are you? What do you do?**	*Roos et al*	*Harb et al*	*Warrenfeltz et al*		
	*Turbo-Intros by all students 1-2 slides, 2-3 min **max***				*Warrenfeltz et al*	
					Tea / Coffee	
11	*Tea / Coffee*	*Tea / Coffee*	*Tea / Coffee*	*Tea / Coffee*	*Pathway Exercises Metabolism & Pathways*	*Tea / Coffee*
		Results of RNA-seq analysis	*SNP Mapping Exercise - I Variant calling (Galaxy) (Group Exercise)*	**Host response datasets**		*all students*
		all students	*Harb*	*Warrenfeltz et al*	*Harb et al*	
12	*Seminar/Discussion (over lunch)*	*Seminar/Discussion (over lunch)*	*Seminar/Discussion (over lunch)*	*Seminar/Discussion (over lunch)*	*Lunchtime Discussion*	
	Designing & mining pathogen genome databases	**Genomic-scale analysis of transcriptional reg'n in kinetolastida**	**Epigenomic control in Plasmodium**	**Dissecting structure / function relationships in the kinetoplastida**	**Intro to complex queries, data integration & group projects**	*Lunch & Farewell*
13	*David Roos, Univ Pennsylvania*	*Nicolai Siegel, Univ WÔøΩrzburg*	*Sebastian Baumgarten, Inst Pasteu*	*Eva Gluenz, Oxford University*	*all instructors*	
	Lunchbox	*Lunchbox*	*Lunchbox*	*Lunchbox*	*Lunchbox*	
14	*Intro to EuPathDB databases*	*RNA-seq Mapping Exercise - I (Group Exercise)*	*Free time / Group activity?*	*Intro to SNPs & Population Biology*	*Group Projects (Group Exercise)*	
	Omar Harb	**Mapping RNAseq data (Galaxy)**		*David Roos*	*all students, all instructors*	
	Gene Page Exercises	*Warrenfeltz et al*		*SNP mapping Exercise - II (Group Exercise)*		
15	**Finding genes, interpreting gene pages; Intro to search strategies**			**Interpreting variant calling results**		
	Warrenfeltz et al			*Harb et al*		
16	*Tea / Coffee*	*Tea / Coffee*		*Tea / Coffee*	*Tea / Coffee*	
		Intro to Phylogeny & Orthology				
		David Roos				
17	*Genome Browser Exercises - I*	*Orthology Exercises*		*Population Biology Exercises*		
	Evidence tracks, alignments, comparative genomics	**Phyletic pattern queries**		**SNPs, Population genetics**		
	MacPherson et al	*Roos et al*		*Roos et al*		
18						
19	*Welcome Dinner Le Chat Perche 10 et 12 rue du College*	*Dinner (on your own)*	*Dinner (on your own)*	*Dinner (on your own)*	*Closing Dinner / Party*	
20						