Nucleus OnePot PURE Workshop Schedule

	Monday	Tuesday	Wednesday		Thursday		Friday	
	All	All	Group 1	Group 2	Group 1	Group 2	Group 1	Group 2
8:00	**Arrive + breakfast**	**Arrive + breakfast**	**Arrive + breakfast**		**Arrive + breakfast**		**Arrive + breakfast**	
8:30	*Arrive + safety*	*Arrive + orient*	*Arrive + orient*		*Arrive + orient*		*Arrive + orient*	
9:00	Innoculate (show)	Lyse cells	First nucleic acid extraction	Discuss experiment 1	Spin concentrate tRNA	Resuspend pellet	Resuspend pellet	Spin concentrate tRNA
9:30	Innoculate (do)			ACJS: Pierce 660	Spin concentrate tRNA	Resuspend pellet + spin concentrate	Resuspend pellet + spin concentrate	Spin concentrate tRNA
10:00	Intro b.next	Clarify + assemble columns		Pierce 660	Discuss experiment 1	Spin concentrate	Spin concentrate	
10:30	Intro b.next + workshop overview	Prep columns	Second nucleic acid extraction	p-mix and Mg++ sweep	Pierce 660	Spin concentrate	Spin concentrate	
11:00	workshop overview	Load columns				First nucleic acid extraction		
11:30	break + show induction	Lunch	Precipitate nucleic acids	Lunch	p-mix and Mg++ sweep		Lunch + discuss experiment 2	
12:00	Induction (+2.5 h from innoculate)						Lunch + discuss experiment 2	
12:30	Lunch	Wash + Elute	Remove rRNA	DevNotes 101	Lunch	Second nucleic acid extraction	PURE experiment	
1:00				Collab hub: analyze M&T data				
1:30	Buffers introduction (talk)	Spin concentrate + activity	Precipitate remaining DNA and tRNA		DevNotes 101	Precipitate nucleic acids		
2:00	Amino acid mix (talk + light labwork)		Precipitate remaining DNA and tRNA + remove DNA	Collab hub: analyze W data	Collab hub: analyze M&T data		Lunch	
2:30	Make energy mix		Remove DNA			Remove rRNA		
3:00		Spin concentrate + storage supplement	Precipitate tRNAs		Collab hub: analyze W data		RNA gel	
3:30	Harvest (+3 h from induction	Spin concentrate	Precipitate tRNAs			Precipitate remaining DNA and tRNA		
4:00	Harvest + flash freeze	Spin concentrate + adjust concentration	Dialyze tRNA	Ribosomes 101	Ribosomes 101	Precipitate remaining DNA and tRNA + remove DNA	Collab hub: analyze data	
4:30	Discuss experiment	Discuss experiment	Dialyze tRNA	Load sucrose cushion	Load sucrose cushion	Remove DNA		
5:00	Measure energy mix	Measure protein mix				Precipitate tRNAs	Write	
5:30				Ribosomes in ultra-cfg	Ribosomes in ultra-cfg	Precipitate tRNAs		
6:00	*Finish!*	*Finish*	Dialysis			Dialyze tRNA	Debrief	
>6:00						Dialyze tRNA		