Timetable - Part II (BioBrick cloning, recombinant protein expression and analytics)						
	Date	**Time**	**Day**	**Group A**	**Day**	**Group B**
Week 43	23.10 (Monday)	10:15 - 17:00	1	Plasmid isolation & restriction Agarose gel preparation & run DNA excision and purification		No lab work
	24.10 (Tuesday)	08:15 - 10:00		**Lecture: Molecular cloning tools and techniques**		
	25.10 (Wednesday)	10:15 - 17:00	2	Competant cell preparation Setting ligation reaction & Ligation Transformation & streak plating		
	26.10 (Thursday)	10:15 - 17:00		No lab work	1	Plasmid isolation & restriction Agarose gel preparation & run DNA excision and purification
	27.10 (Friday)	10:15 - 17:00		No lab work	2	Competant cell preparation Setting ligation reaction & Ligation Transformation & streak plating

Timetable - Part II (BioBrick cloning, recombinant protein expression and analytics)						
	Date	**Time**	**Day**	**Group A**	**Day**	**Group B**
Week 44	30.10 (Monday)	10:15 - 17:00	3	Transformant screening • Colony PCR and agarose gel • Restreaking positive clones		No lab work
	31.10 (Tuesday)	08:15 - 10:00		**Lecture: Genome mining, in-silico cloning, primer design and PCR**		
	01.11 (Wednesday)	10:15 - 17:00	4	Inoculation of positive clones for recombinant protein expression test Note: 1 hour work. Do agree the exact time with the teaching assistant		No lab work
	02.11 (Thursday)	10:15 - 17:00	5	Expression test in microtiter plates • Setup the experiment to follow the growth and fluorescence data using Cytation		No lab work
	03.11 (Friday)	10:15 - 17:00		No lab work		No lab work

Timetable - Part II (BioBrick cloning, recombinant protein expression and analytics)						
	Date	**Time**	**Day**	**Group A**	**Day**	**Group B**
Week 45	6.11 (Monday)	10:15 - 17:00		No lab work		No lab work
	07.11 (Tuesday)	08:15 - 10:00		**Instructions on the written report** **Lecture: Yeast as an expression system (Postdoc Salla Koskela)**		
	08.11 (Wednesday)	10:15 - 17:00		No lab work	3	Transformant screening • Colony PCR and agarose gel • Restreaking positive clones
	09.11 (Thursday)	10:15 - 17:00			4	Inoculation of positive clones for recombinant protein expression test Note: 1 hour work. Do agree the exact time with the teaching assistant
	10.11 (Friday)	10:15 - 17:00		No lab work	5	Expression test in microtiter plates • Setup the experiment to follow the growth and fluorescence data using Cytation