

Preliminary timetable for Biolab III laboratory course 2022

Week 9

day & workload	time	Group1, day in the manual	Group 1: Yeast work	Group 2, day in the manual	Group 2: Yeast work
Monday 28.02.2022	Lecture 10:15-12		Introduction to projects, going through the manual etc. Ke3		Introduction to projects, going through the manual etc. Ke3
Tuesday 01.03.2022			No lecture, start lab work at 10:00		No lecture, start lab work at 14:00
Tuesday 01.03.2022	10:15 to 16:00	1	AT 10-13 <ul style="list-style-type: none"> • Plasmid isolations • Inoculation of yeast strain 	1	AT 14-16 <ul style="list-style-type: none"> • Plasmid isolations
Wednesday 02.03.2022	08:30 to 14:00	2	<ul style="list-style-type: none"> • Preparation of competent yeast cells (morning, with 2-3 hour incubation) • Transformation of plasmids into yeast (afternoon) 	1	Max 1 hour work starting at 10.30 <ul style="list-style-type: none"> • Inoculation of yeast strain
Thursday 03.03.2022	8:30 to 16:00		FREE FROM LAB	2	<ul style="list-style-type: none"> • Preparation of competent yeast cells (morning, with 2-3 hour incubation) • Transformation of plasmids into yeast (afternoon)

Week 10

day & workload	time	Group 1, day in the manual	Group 1	Group 2, day in the manual	Group 2
Monday 07.03.2022	---	3	<ul style="list-style-type: none"> • short visit to lab: inoculate precultures, note: max 1 hour work, agree exact time with the teacher 		FREE
Tuesday 08.03.2022			NO LECTURE		NO LECTURE
Tuesday 08.03.2022	10:15 to 16:00	4	<ul style="list-style-type: none"> • Inoculation of experimental cultures, note: 1-2 hour work, agree exact time with the teacher • Induction of cultures after 6 hours (teacher will do this) 	3	<ul style="list-style-type: none"> • short visit to lab: inoculate precultures, note: max 1 hour work, agree exact time with the teacher
Wednesday 09.03.2022	08:30 to 14:00	5	<ul style="list-style-type: none"> • Harvest of cultures & preparation of samples for analysis • Cell extraction 	4	<ul style="list-style-type: none"> • Inoculation of experimental cultures, note: 1-2 hour work, agree exact time with the teacher • Induction of cultures after 6 hours (teacher will do this)
Thursday 10.03.2022	8:30 to 16:00		FREE FROM LAB	5	<ul style="list-style-type: none"> • Harvest of cultures & preparation of samples for analysis • Cell extraction

Week 11

day & workload	time	Group 1, day in the manual	Group 1	Group 2, day in the manual	Group 2
Tuesday 15.03.2022	10:15-12:00		LECTURE in Ke3		LECTURE in Ke3
Tuesday 15.03.2022	10:15 to 16:00		FREE FROM LAB		FREE FROM LAB = start writing report + plan <i>E. coli</i> work this week
Wednesday 16.03.2022	08:30 to 14:00	6	<ul style="list-style-type: none"> • Analytics <ul style="list-style-type: none"> ○ Run SDS-PAGE gels ○ Transfer • Coat plates for ELISA 		FREE FROM LAB
Thursday 17.03.2022	8:30 to 16:00	7	<ul style="list-style-type: none"> • Analytics: Immunoblotting • Analytics: ELISA 		FREE FROM LAB

Week 12

day & workload	time	Group 1, day in the manual	Group 1	Group 2, day in the manual	Group 2
Tuesday 22.03.2022	10:15- 12:00		LECTURE in Ke3		LECTURE in Ke3
Tuesday 22.03.2022	10:15 to 16:00		FREE FROM LAB = start writing report + plan <i>E. coli</i> work this week		FREE FROM LAB
Wednesday 23.03.2022	08:30 to 14:00		FREE FROM LAB	6	<ul style="list-style-type: none"> • Analytics <ul style="list-style-type: none"> ○ Run SDS-PAGE gels ○ Transfer • Coat plates for ELISA
Thursday 24.03.2022	8:30 to 16:00		FREE FROM LAB	7	<ul style="list-style-type: none"> • Analytics: Immunoblotting • Analytics: ELISA

Week 13

day & workload	time	Group 1	Group 1, <i>E. coli</i> work	Group 2	Group 2, <i>E. coli</i> work
Tuesday 29.03.2022	10:15- 12:00		NO official lecture		NO official lecture
Tuesday 29.03.2022	10:15 to 16:00		<i>E. coli</i> lab work		FREE FROM LAB
Wednesday 30.03.2022	08:30 to 14:00		<i>E. coli</i> lab work		<i>E. coli</i> lab work
Thursday 31.03.2022	8:30 to 16:00		(FREE), take plates from the incubator		<i>E. coli</i> lab work
Friday 01.04.2022					take plates from the incubator

Week 14

day & workload	time	Group 1	Group 1	Group 2	Group 2
Tuesday 05.04.2022	10:15- 12:00		NO official lecture		NO official lecture
Tuesday 05.04.2022	10:15 to 16:00		<i>E. coli</i> lab work		FREE FROM LAB
Wednesday 06.04.2022	08:30 to 14:00		<i>E. coli</i> lab work, Cytation plate reader		<i>E. coli</i> lab work
Thursday 07.04.2022	8:30 to 16:00		FREE FROM LAB		<i>E. coli</i> lab work, Cytation plate reader

Final seminar day 19.4.? This will be discussed in the beginning of the course.