

## Timetable for Biolab III laboratory course 2019

### Week 9

day & workload	time	day in the manual	Yeast as an expression system
Monday 25.02.2019	<b>Lecture 10-12</b>		<b>Introduction to yeast project</b>
Tuesday 26.02.2019	12:15 to 15 (or 16)	<b>1</b>	<ul style="list-style-type: none"><li>• Plasmid isolations</li><li>• Preparation of material needed later during the course</li></ul>
Thursday 28.02.2019	10:15 to 14:00	<b>1</b>	<ul style="list-style-type: none"><li>• Inoculation of yeast strain</li><li>• (Preparation of material needed later during the course)</li></ul>
Friday 01.03.2019	8:30 to 16:00	<b>2</b>	<ul style="list-style-type: none"><li>• Preparation of competent yeast cells</li><li>• Transformation of plasmids into yeast</li><li>• <b>Note: work completed between 3 and 4 pm</b></li></ul>

## Week 10

day & workload	time	day in the manual	Yeast as an expression system
Tuesday 05.03.2018	<b>Lecture 10-12</b>		Presentation and discussion of results and techniques
Tuesday 05.03.2019	12:15 to 16:00		<ul style="list-style-type: none"><li>• <b>reserve day</b></li></ul>
Wednesday 06.03.2019		<b>3</b>	<ul style="list-style-type: none"><li>• <b>short visit to lab:</b> inoculate precultures</li></ul>
Thursday 07.03.2019	10:00 to 16:00 (17:00)	<b>4</b>	<ul style="list-style-type: none"><li>• Inoculation of experimental cultures</li><li>• Induction of cultures (not everyone have to stay until this)</li></ul>
Friday 08.03.2019	8:30 to 17:00	<b>5</b>	<ul style="list-style-type: none"><li>• Harvest of cultures &amp; preparation of samples for analysis</li><li>• Start analytics<ul style="list-style-type: none"><li>○ Acid phosphatase assay</li><li>○ Cell extraction</li></ul></li></ul>

## Week 11

day & workload	time	day in the manual	Yeast as an expression system
Tuesday 12.03.2019	<b>Lecture 10-12</b>		Presentation and discussion of results and techniques
Tuesday 12.03.2019	12:15 to 16:00	<b>5</b>	<ul style="list-style-type: none"> <li>• Analytics continued if necessary</li> <li>• Preparation of SDS-PAGE gels</li> </ul>
Thursday 14.03.2018	10:15 to 16:00	<b>6</b>	<ul style="list-style-type: none"> <li>• Analytics <ul style="list-style-type: none"> <li>◦ Run SDS-PAGE gels</li> <li>◦ transfer</li> </ul> </li> <li>• Coat plates for ELISA</li> </ul>
Friday 15.03.2018	8:30 to 16:00	<b>7</b>	<ul style="list-style-type: none"> <li>• analytics <ul style="list-style-type: none"> <li>◦ Immunoblotting</li> </ul> </li> <li>• Analytics <ul style="list-style-type: none"> <li>◦ ELISA</li> </ul> </li> </ul> <p><b>Note: work completed between 3 and 4 pm</b></p>