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| **day & workload** | **time** | **Group 1** | **Group 1, *E. coli* work** | **Group 2** | **Group 2, *E. coli* work** |
| Tuesday29.03.2022 | 10:15-12:00 |  | **NO official lecture** |  | **NO official lecture** |
| Tuesday29.03.2022 | 10:15 to 16:00 |  | ***E. coli* lab work: ligation, transformation, plating** |  |   **FREE FROM LAB** |
| Wednesday30.03.2022 | 08:30 to 14:00 |  | ***E. coli* lab work: plates from the incubator, check colonies, re-streaking to fresh plates** |  | ***E. coli* lab work: ligation, transformation, plating** |
| Thursday31.03.2022 | 8:30 to 16:00 |  | **Take re-streaked plates from the incubator to the fridge; you can decide who do this e.g. for the whole group** |  | ***E. coli* lab work: plates from the incubator, check colonies, colony PCR, re-streaking to fresh plates** |
| Friday01.04.2022 |  |  |  |  | **Take re-streaked plates from the incubator to the fridge; you can decide who do this e.g. for the whole group** |

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| **day & workload** | **time** | **Group 1** | **Group 1** | **Group 2** | **Group 2** |
| Tuesday05.04.2022 | 10:15-12:00 |  | **NO official lecture** |  | **NO official lecture** |
| Tuesday05.04.2022 | 10:15 to 16:00 |  |  ***E. coli* lab work: colony PCR and start of the precultures for tomorrow** |  |   **FREE FROM LAB** |
| Wednesday06.04.2022 | 08:30 to 14:00 |  | ***E. coli* lab work: cultures in the morning + Cytation plate reader preparations** |  | ***E. coli* lab work: start of the precultures for tomorrow** |
| Thursday07.04.2022 | 8:30 to 16:00 |  |  **FREE FROM LAB** |  | ***E. coli* lab work, cultures in the morning + Cytation plate reader preparations** |

Which strains are you planning to create?

Which steps can you do on each day? Please note: group 1, 30.3., only short inoculations; group 2, 6.4., only short inoculations

Which parameters should be studied with the plate reader?

Which wavelengths to be used in excitation and emission?

Which controls have to be included on the plate in addition to your strain samples?