**Tabel 1**: Overzicht practicum en voorbereidingen

|  |  |  |
| --- | --- | --- |
| **Dag**  **deel** | **Onderwerp** | **Link naar filmje** |
| 1; Bootcamp / introductie | Verdunningen maken | Serial Dilution:  http://www.youtube.com/watch?v=NXirIFfpKdg |
| 2; PCR | PCR | http://www.youtube.com/watch?v=x5yPkxCLads |
| 3 | Restrictie digestie | Restriction enzyme digest problem: Too many DNA bands: <https://secured.benchfly.com/player/1366639105000-6WrDuTk9n4/>  Discovering New Restriction Enzymes: https://secured.benchfly.com/player/62301af3/ |
| 4 | Ligatie / transformatie | Overview of traditional cloning: https://secured.benchfly.com/player/1389284898718-XtDq8teOMr/ |
| 5 | Colony PCR |  |
| 6 | Miniprep |  |
| 7 | Doorzetten cellen | Counting cells:  <http://www.youtube.com/watch?v=pP0xERLUhyc>  Gibco aseptic techniques: <http://www.youtube.com/watch?v=cyJ2zUbLMMo>  Gibco cell culture basics: <http://www.youtube.com/watch?v=kbhQ29vRqs4> |
| 8 | Transfectie |  |
| 9 | Incubatie steroïden | A Green Light for Biology: Making the Invisible Visible: http://www.youtube.com/watch?v=Sl2PRHGpYuU |
| 10/ | Analyse |  |
| 11 | Analyse |  |
| 12 | Afsluiting |  |