



## Agenda

# NRL-GMFF Training Workshop Bioinformatics: Galaxy platform

Brussels  
28-29 November 2023

# NRL-GMFF Training Workshop

## Bioinformatics & Galaxy platform



Brussels, 28-29 November 2023

### Day 1 – 28 November 2023

12:00-13:00 Arrival at Sciensano - lunch

13:00-14:00 **Introduction**  
Raf Winand/Sciensano (BE)

14:00-17:00 **Quality control and trimming**  
Raf Winand/Sciensano (BE)

**Read mapping and assembly**  
Jolien D'aes/Sciensano (BE)

**GMO/GMM detection: alignment and mapping based approaches**  
Raf Winand/Sciensano (BE)

Evening **Social dinner**

### Day 2 – 29 November 2023

09:00-12:00 **Hybrid assembly: identifying plasmids**  
Raf Winand/Sciensano (BE)

**Detection of genetic constructs used in the design of GMM/GMO and their junction points**  
Jolien D'aes/Sciensano (BE)

12:00-13:00 lunch

13:00-16:00 **Variant calling and filtering + detection of CRISPR-CAS engineered mutations**  
Jolien D'aes/Sciensano (BE)

**Putting it all together in workflows + Q&A**  
Raf Winand/Sciensano (BE), Jolien D'aes/Sciensano (BE)

16:00 **Closure**

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