

```
In [1]: from chemostat_report import *
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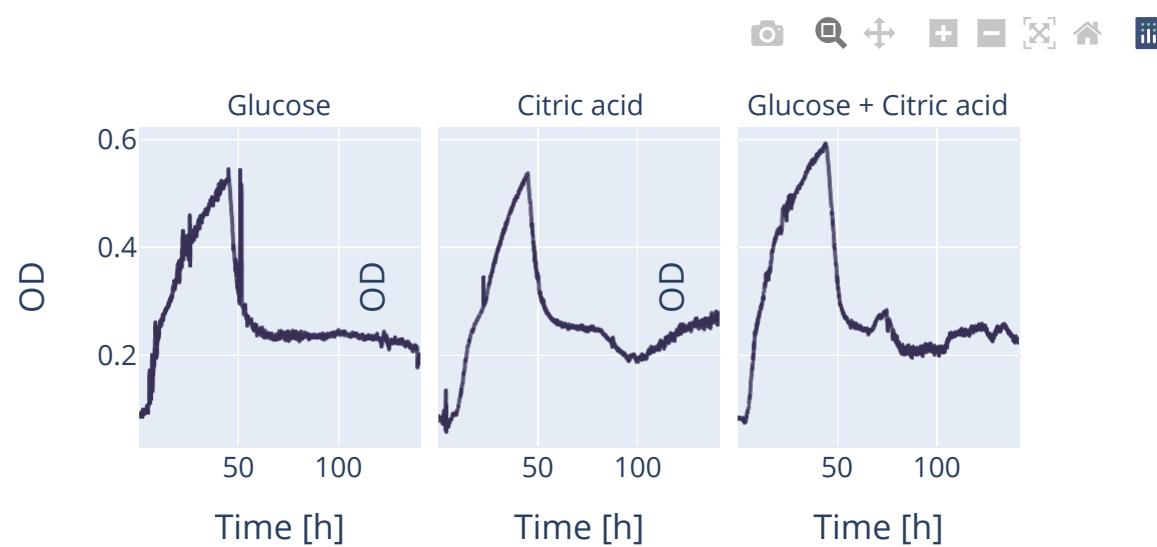
Chemostat experiments

Community experiments

Coummunit data for D=0.15

A. tumefaciens, *C. testosteroni* and *O. anthropi* were grown in batch for 44 hours before switching the pump on set to a dilution rate of 0.15.

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In [2]: fig = od_comm()  
fig.show()
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Citric acid at lower dilution rate (D=0.1)

C. testosteroni and the community were grown in batch for 44 hours. After that the cultures were diluted with a dilution rate of 0.15. This dilution rate appeared to be too high for *C. testosteroni* and at 68 hours the dilution rate was lowered to 0.1



Mono-cutlure experiments

After activating the pump with a dilution rate set to 0.05, *O. anthropi* was flushed out of the chemostats. Thiamine with a final concentration of 1.8 μ M was added to the feed bottles of *O. anthropi*, resulting in the regrowth of *O. anthropi*.



Growth curves after growing the species in the chemostat

After the chemostat experiments, I grew *C. testosteroni* and *O. anthropi* in the plate reader.

