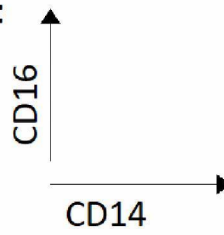


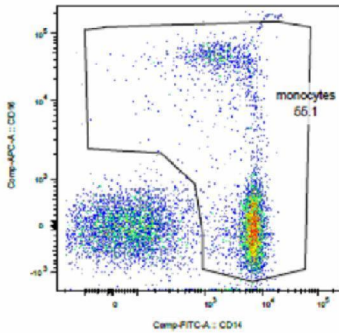
FFX innate pilot

Phenotyping of stimulated (O/N) PBMC with:

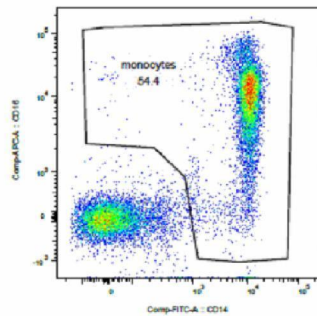
- TLR 4 (LPS)
- SARS-CoV-2
- TLR 7/8 (R848)
- TLR 2 (HKLM)



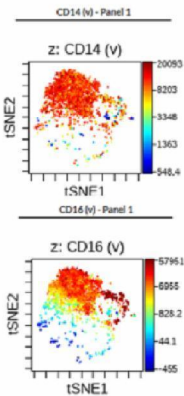
Before stimulation



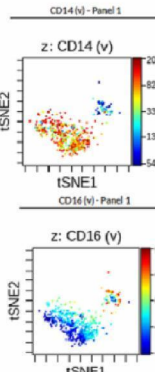
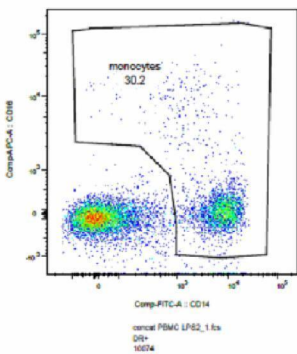
medium



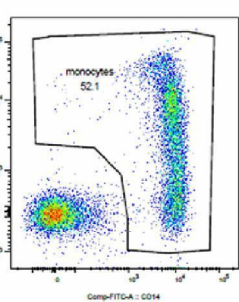
med



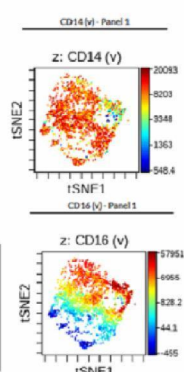
TLR 4



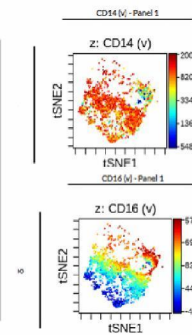
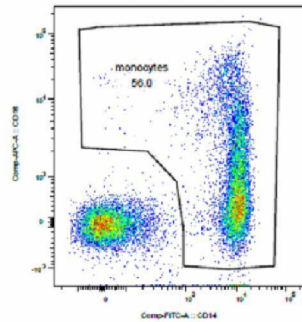
SARS-CoV-2



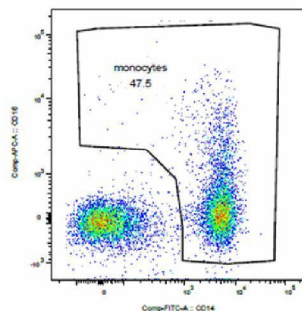
S



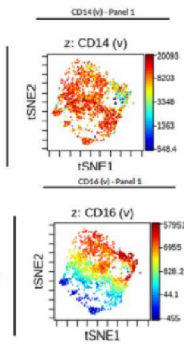
TLR 2



TLR7/8



mono



Stimulated PBMC with SARS-CoV-2 looks phenotypically like the TLR2 (or medium)

# FFX innate pilot

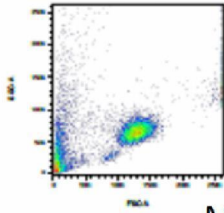
## Activation markers



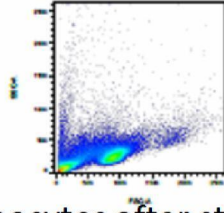
### FFX innate pilot

Monocyte scatters look really weird after stimulation, probably something went wrong during measuring, since isolated monocytes look really fine. So we measured the supernatant in the Legendplex, assumingly that de monocytes were still fine.

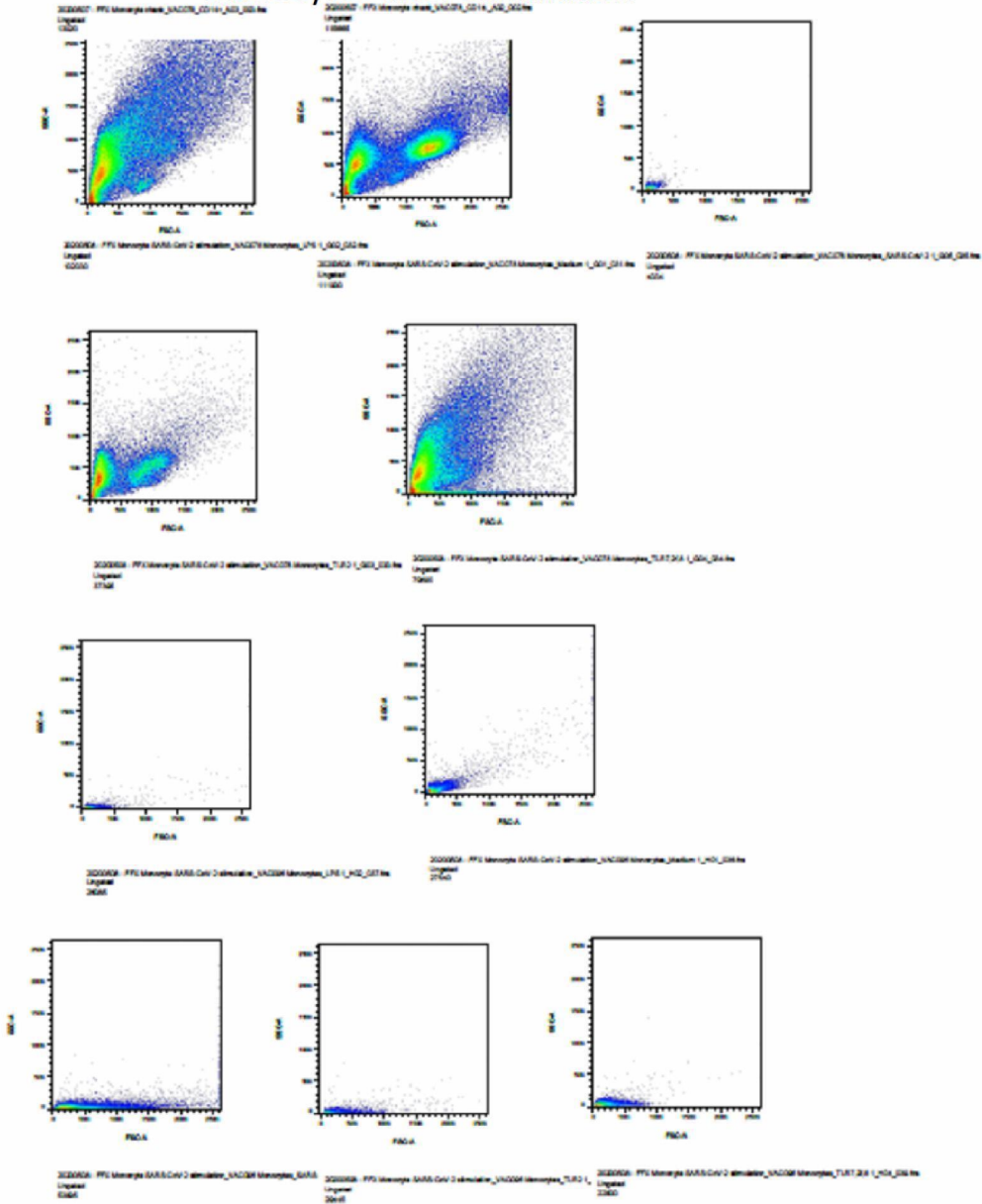
Isolated monocytes purity check



Total PBMC before stimulation



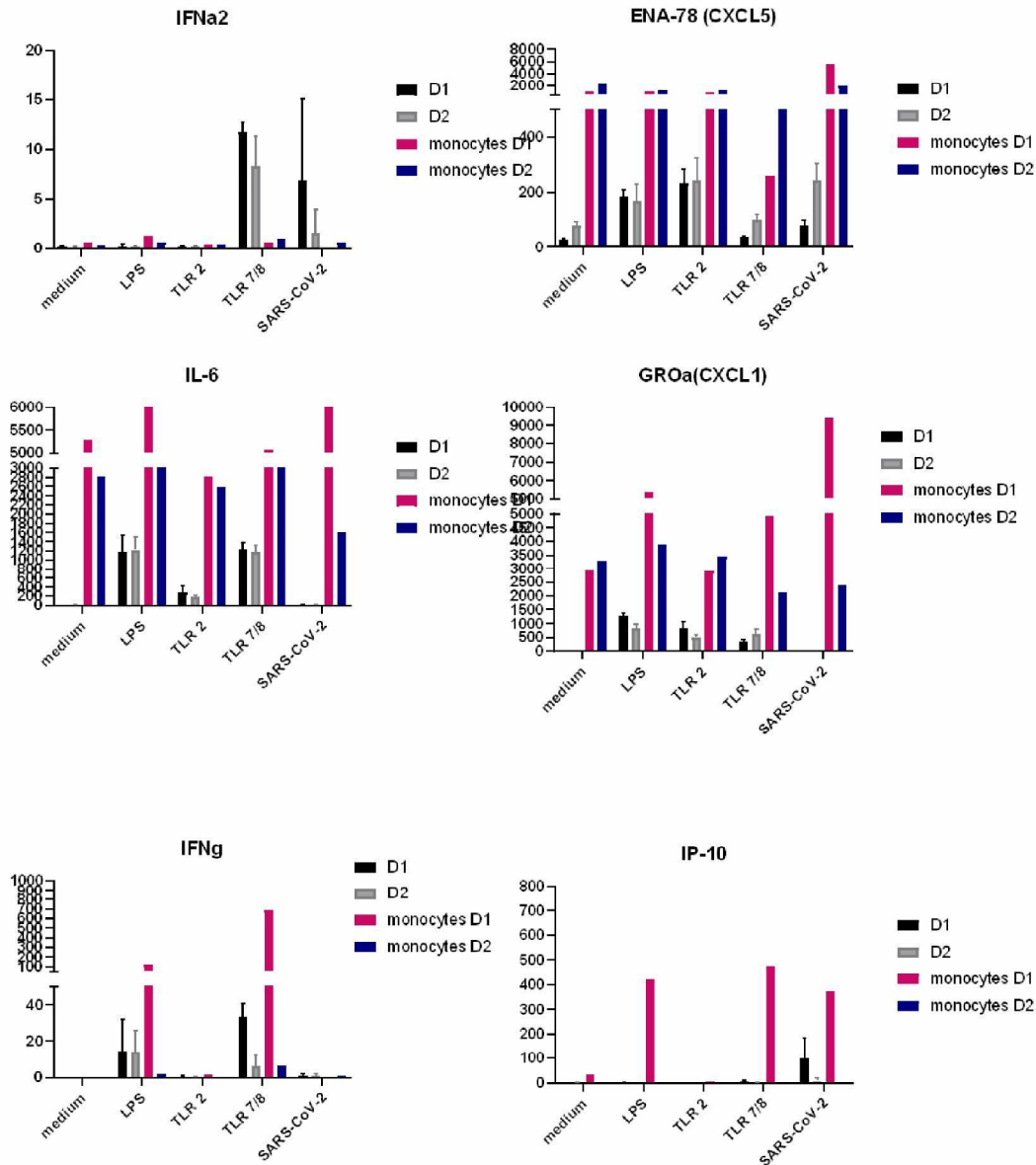
### Monocytes after stimulation



FFX innate pilot

Legendplex supernatant-1

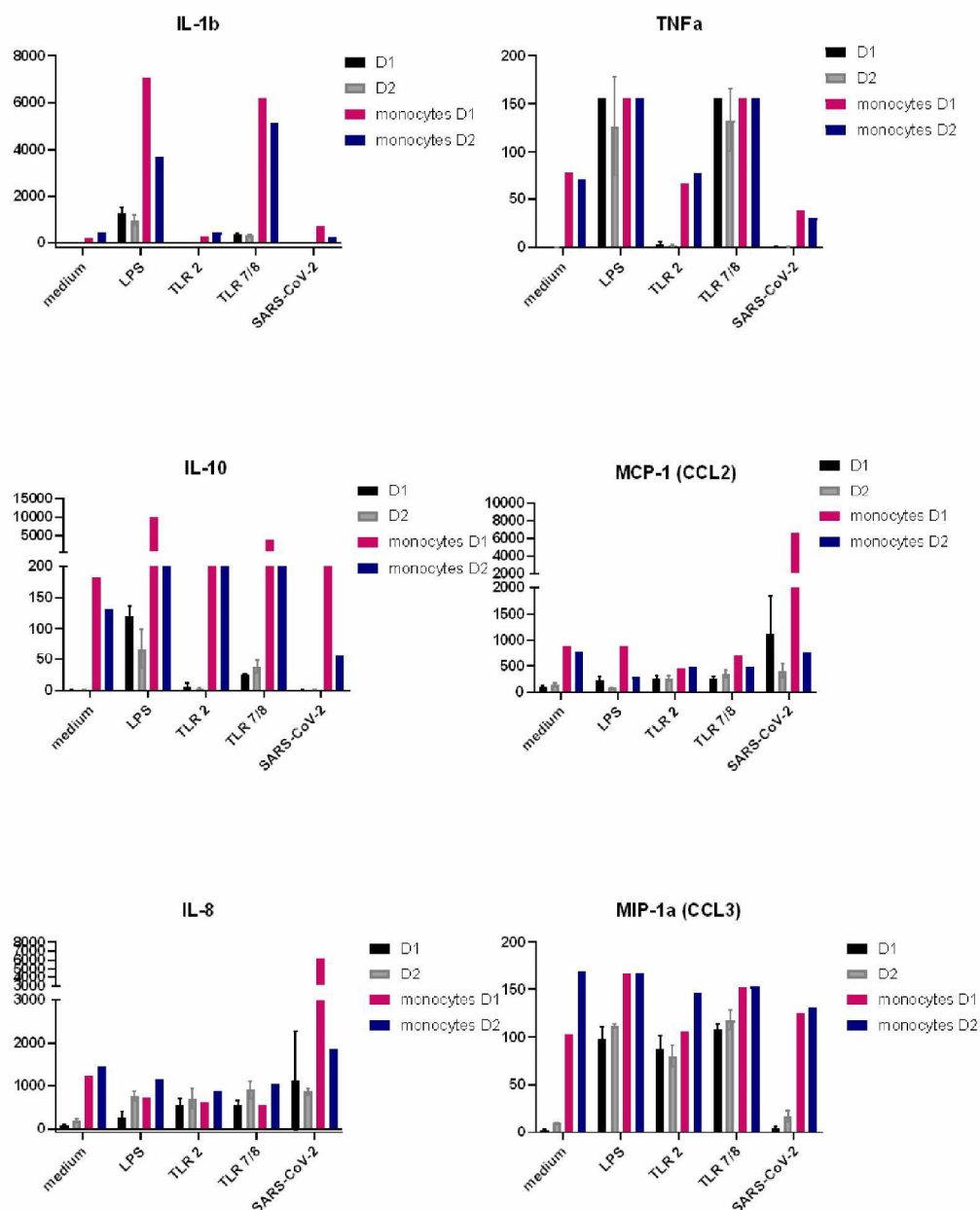
Supernatant of stimulated PBMC and monocytes were measured in a Legendplex with 12 different chemokines/cytokines



Overall monocytes give higher numbers but the medium is also higher. Total PBMC look neater and you still see differences, also with the inactivated virus!

## FFX innate pilot

## Legendplex supernatant-2



Overall monocytes give higher numbers but the medium is also higher. Total PBMC look neater and you still see differences, also with the inactivated virus!

A new experiment will involve stimulating total PBMC with the different TLRs with/without inact. virus. The anti-viral response Legendplex is ordered and also has to be tested upon arrival.