

# 09. (September) 2019

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**Project:** iGEM\_Munich2019 Shared Project

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- VLP cell and SN samples: RNA isolation after TRIzol addition done with TRIzol protocol
- RT of old exosomes and exosomes received on 12.09. (RNA extraction: 12. + 13.09.)
- Exosome samples received (2x cond. 1+ 2x condition 3, 1x condition 2, 1x condition 5)
- SN: Take out 1.2 ml, centrifuge for 10 min at 5.5 rpm and take out 1 ml into new Eppi; add 500 µl of Exosome isolation kit and incubate in 4°C overnight
- cells: resuspend the cells in remaining medium, spin down, take out medium, wash with 500 µl PBS, spin down for 5 min at 13.000 rpm;
- wash three times and resuspend in the end in 100 µl PBS, lyse Cells in CLB buffer (volume 1:1) heat up for 10 min at 60°C;
- add 10 µl DNaseI and 20 µl DNaseI buffer and incubate for 1h at 37°C;
- add 500 µl TRIzol and store in 4°C overnight