

# 04. (April) 2019

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**Project:** iGEM\_Munich2019 Shared Project

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Preparation cell culture medium

- Advanced DMEM with FBS
  - DMEM 500 ml
  - 50 ml FBS (10 %)
  - 6 ml Glutamate (1:100)
  - 6 ml Pen/Strep (1:100)
- Advanced DMEM
  - DMEM 500 ml
  - 6 ml Glutamate (1:100)
  - 6 ml Pen/Strep (1:100)

Splitting of the mother-plate according to protocol "cell splitting"

Seeding for 12-well-plate -  $0.1 \cdot 10^6$  cells/well

Counted  $3.4 \cdot 10^6$  cells (protocol "cell splitting") -> used 30  $\mu$ l per well

Mixed 12\*30  $\mu$ l of cell suspension to 12 ml Advanced DMEM with FBS and put 1 ml in each well