

**Completed before:**

* Read the Instructions (everyone)

**Meeting 03.05.2022**

**TOPs:**

1. Protocol
2. Update on current state
3. Github Repo
4. Finding our biological question (basics)
5. Tasks until final presentation
6. Dividing responsibilities
7. Long term timeline (basics)
8. Next Meeting: Date & To-Do

**Results:**

1. Protocol:
   * Diese Woche: Paul, nächste Woche Joshua
2. Update on current state
   * Ian fragen ob Tut diese Woche (Do?) -> David
   * Dinkelacker in neue Whatsappgruppe -> Paul
3. Github
   * Trying to find out how this stuff works
4. Finding our biological question (basics)
   * General: Organ development in Embryo
     + TRA Clustering
     + Timeline in Organ Development
   * Talk with tutor!
5. Tasks until project proposal
   * Contents of PP:
     + Biological Background
     + Data Set
     + Main Goal
     + Milestones:
       - Need the Methods of that? -> What and Why?
       - Cooler Chart :)
       - Timeline etc
6. Prepare Tut
7. Dividing responsibilities
8. Long term timeline (basics)
9. Next Meeting: Date & To-Do
   * Read-Me File?
10. Tasks until project proposal
    * Contents of PP:
      + Biological Background
      + Data Set
        - About the Data
        - Quality Control
        - Good Paper about RNA Seq Analysis:   
          Feng, C.; Liu, S.; Zhang, H.; Guan, R.; Li, D.; Zhou, F.; Liang, Y.; Feng, X. Dimension Reduction and Clustering Models for Single-Cell RNA Sequencing Data: A Comparative Study. Int. J. Mol. Sci. 2020, 21, 2181
      + Main Objective
      + Milestones:
        - Need the Methods -> What and Why?
        - Cooler Chart :)
        - Timeline etc
      + Team
        - Roles, Tasks
        - Project management: Meetings, Protocol
11. Erstellen einer Tabelle mit Aufgaben
12. Zuständigkeiten Aufteilen
13. Tut Vorbereitung
    * Biologische Fragestellung (genauer überlegen bis dahin)
    * Richtlinien fürs Project Proposal
    * Generelle Erwartung zur Umsetzung des Projekts -> Must-do, Freiräume
    * Kommunikation mit Tutor -> Welche Themen, Kommunikationskanäle, Umfang?
    * Hinweise Analysemethoden,..
14. Nächstes Treffen:
    * Vor Tut: Biol. Fragestellung besprechen
    * Nach Tut: Kurze Nachbesprechung

**To-Do:**

* Do something