

Week 1 [16/03/2020 - 20/03/2020]

Administrative aspects :

How many weeks do we have?

What should be the output of the internship?

Practical aspects :

- ▼ How do you work in general?
- ▼ How to communicate?
- ▼ What type of questions? what tool?

Notion-based ⇒ Github issue

Technical ⇒ Github issue

Brain storming ⇒ skype

I'll check the Github issue section 2 times a day at 11h and 16h

If urgent ⇒ email ⇒ I'll check my email 5 times a day at 9h, 12h, 15h, 18h and 21h

If very urgent ⇒ call or SMS to 06 46 88 02 69, any time

One weekly meeting : Lucile + Nika ⇒ what to do ?

- ▼ Between 15 min to 30 min
- ▼ Talk about challenges + strategies to apply
- ▼ **The night before (or sth like that!) : a short report of what has been done, challenges and ideas (up to 250 words) ⇒ on Github**
- ▼ **After the meeting : a short report of what has been said, ideas and decisions (up to 150 words)⇒ on Github**

One weekly meeting : Juliana+ Nika + Lucile \Rightarrow what to do?

This weeks objectives : **Introduction of the context**

Readings : PDF file from page 86 to 95 + one research paper

Objectives / Study Questions :

- Review some basic concepts in protein structure. What do you mean by primary, secondary, tertiary, and quaternary structure?
- Outline the domain structure of an IgG antibody.
- What is BCR?
- Describe the pre-B receptor and outline its functional roles during B cell development.
- What is receptor editing? At what stage of development is clonal deletion of B cells presumed to occur?
- What is B cell repertoire?
- What is a clone in B cell repertoire context?
- Why studying the B cell repertoire is important?