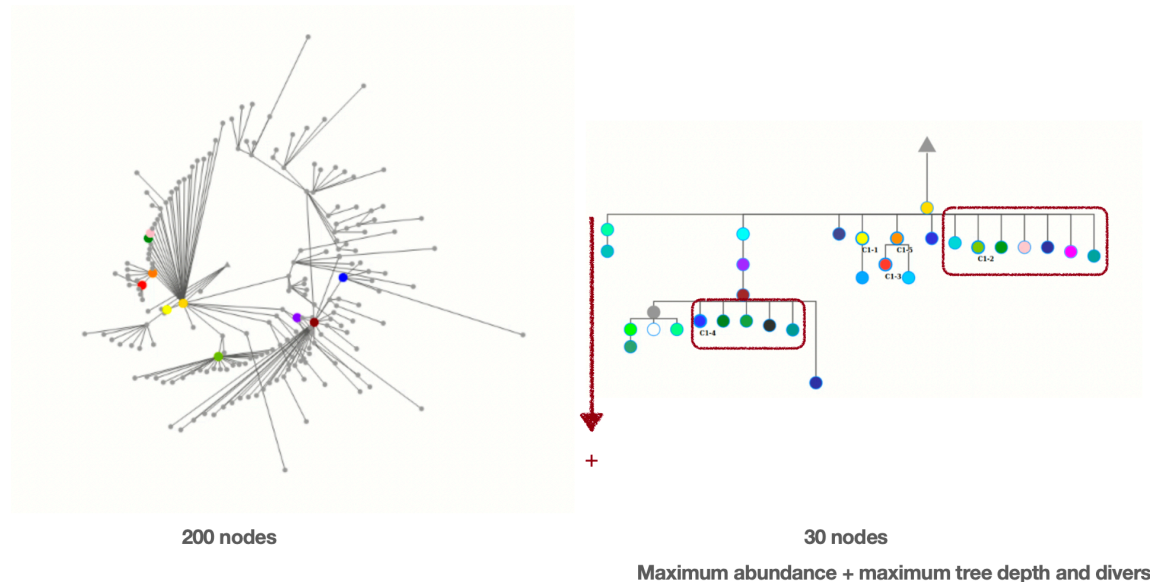


The final task of the week :)

This is our research question :

How to reduce the size of a given BCR clonal tree, maintaining the highly abundant nodes and the maximum diversity?



We have to start by looking into scientific literature; I've found this study :

https://github.com/NikaAb/BCR_intraclonal_diversity/blob/master/doc/Ref_papers/Treemmer.pdf

You can start by reading the whole article and identifying the keywords that can help us find similar works. Remember that in the literature review step, you don't have to read all the studies that you saw; you have read enough to decide if the study is related to our question.

This step aims to see whether or not there is already an answer to our research question.

At the end of this task, you will have a list of scientific papers that can guide us to answer our question. You can briefly write for each of them their originality and importance.

Tool for tree visualization

- <https://itol.embl.de/>
- <https://pastml.pasteur.fr/help> this one need supplementary information for each tree
- Maybe the visualization part of this tool called AncesTree <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7375605/> but we have to adapt our file format

Practical questions

What reference management software do you use ?

There are two that are commonly used :

<https://www.zotero.org/>

<https://www.mendeley.com/reference-management/mendeley-desktop>

What is the format of your internship report?

30 pages in French