**May 5- Friday-2023**

**Aim-**

Finish the travel grant application for ISCB (I have submitted histology abstract for ISCB 2023)

Finish Poster for Histology abstract (done).

**Deadline**

May 22 (for 24 you need to print it also).

------------------------------------------------------------

**May 22**

I have applied for the virtual attendance grant for ISCB 2023.

The grant application is in

**Path:** Onedrive-Lund University/travel\_grant folder.

The abstract is also in **Path:** Onedrive-Lund University/travel\_grant folder.

The poster of histology project more like popular science format is also in Onedrive-Lund University/travel\_grant folder.

**-------------------------------------------------------------**

**May 25**

I present the poster of histology project in Lund spring symposium

-------------------------------------------------------------

**May 29**

**Aim-** make a clear documentation on the current situation of all projects, especially histology project.

Finish manuscript 6 (Transparency manuscript) and submit until 20th June (which Sonja will leave).

I must

1. Write a comprehensive introduction (up to 2nd of June)
2. Make the code clean (both Histo 1 and Transparency code)
3. Correct plots (up to 5th of June)

The document files for transparency manuscript are in

**Path:** OneDrive - Lund University\manuscripts\histo\_1.5

The code is in

**Path:** OneDrive - Lund University\histo\_1.5\notebooks\

**May 31-2023**

I created a repo for Histology project. I start from manuscript 6 which is the explainibility AI.

I created through web browser but it was also possible to create through terminal.

--------------------------------

**June 02-**

I am currently making code of manuscript 6 (explain AI) neat and tidy and put everything on github in Histology repo called Histo\_XAI.

There would be three directory for each part as gradcam, unsupervised analysis and SHAP values.

Overall code and all other results will be in OneDrive as well. (more detailed code and results).

I will push two simple models also to Github and the data will be on Berzelius.

--------------------------------

**June 08**- For pushing models to github I was required to use git lfs (large file system) which provide 1 GB free space.

For that I had to run :

**CODE: git lfs install (for every user)**

**Git lfs track (the large file)**

**Git add .gitattributes**

Then normally push to origin through terminal or Desktop github app.

Initial gradcome done.

Today other activation function gradcam notebooks also will finish.

I try to finish this part in the manuscript as well and all the files with models will saved in Alvis and lunarc.

**GOAL: to finish this manuscript and submit before 20th of June.**

---------------------------------

**June 16-**

Confirm poster presentation for iscb 2023 conference and register for that conference.

Clean the code for histo 1.5 and also histo 1 code. (working on it). The code and data and models are now on C drive but soon going to upload it to github (a concise version) and upload the whole project to Alvis and Berzelius.

No need for long introduction and finish manuscript for the time Sonja returns from vacation (15th of July)

Have plans for regression models and histo 2 paper (Try a DETR and transformer based model)

\*\*\*And also try to use segmentation for scoring! Based on gradcam activation maps.

------------------------------------------

July 21

First paper was rejected without comments.

Darcy suggests “Journal of Pathology Informatics”

\*\*\*\*I will add one two papers from this Journal. Submit again!! (we did not have meeting with Darcy at the end)

-------------------------------------------------

Working on transparency paper.

Aim: 1) finishing introduction part (one day)

2) cleaning code (3 days) and upload to github

3) upload for Sonja and make task for her to read

-------------------------------------------

July 23-29

Conference in Lyon

I made a video for poster session saved in

OneDrive - Lund University\conference\iscb for histo 1 paper

This week is conference week.

---------------------------------------------

Aug 14- catch up on transparency and histo 1 paper

Plan:: run some new models for regression models such as DETR (transformers)

------------------------------------