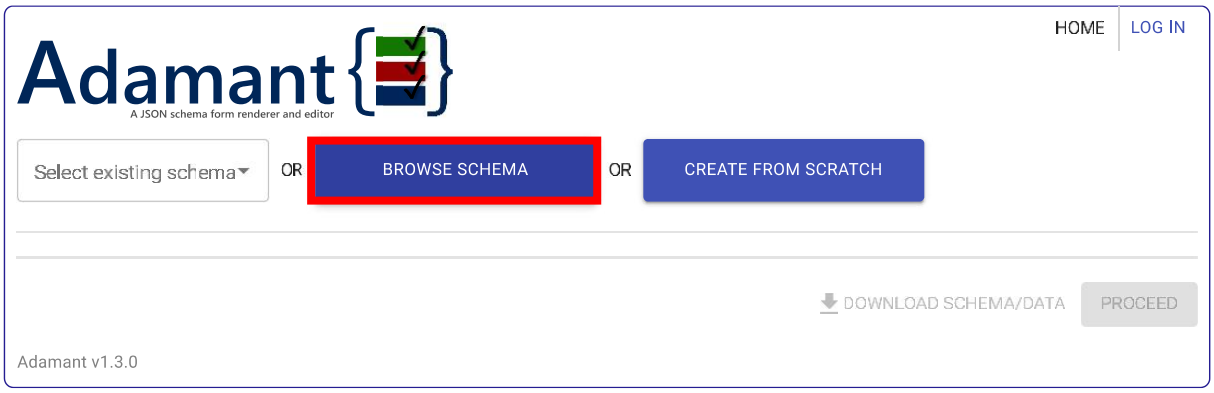
Stepwise metadata collection using Adamant

1. Start Adamant and select the metadata collection function

- Navigate to your Adamant URL.
- (Optional) Log in with your institutional credentials.
- Select the metadata collection function (red box).

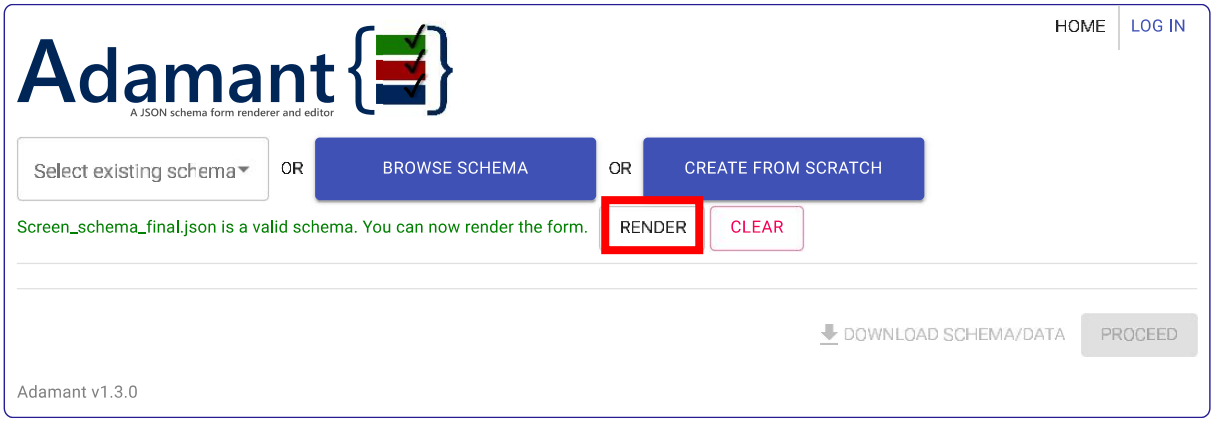
2. Load screen metadata schema in Adamant

- Click on the “BROWSE SCHEMA” panel (red box).
- Navigate to the location where the downloaded “screenschema.json” file is placed.
- Select the metadata schema file.



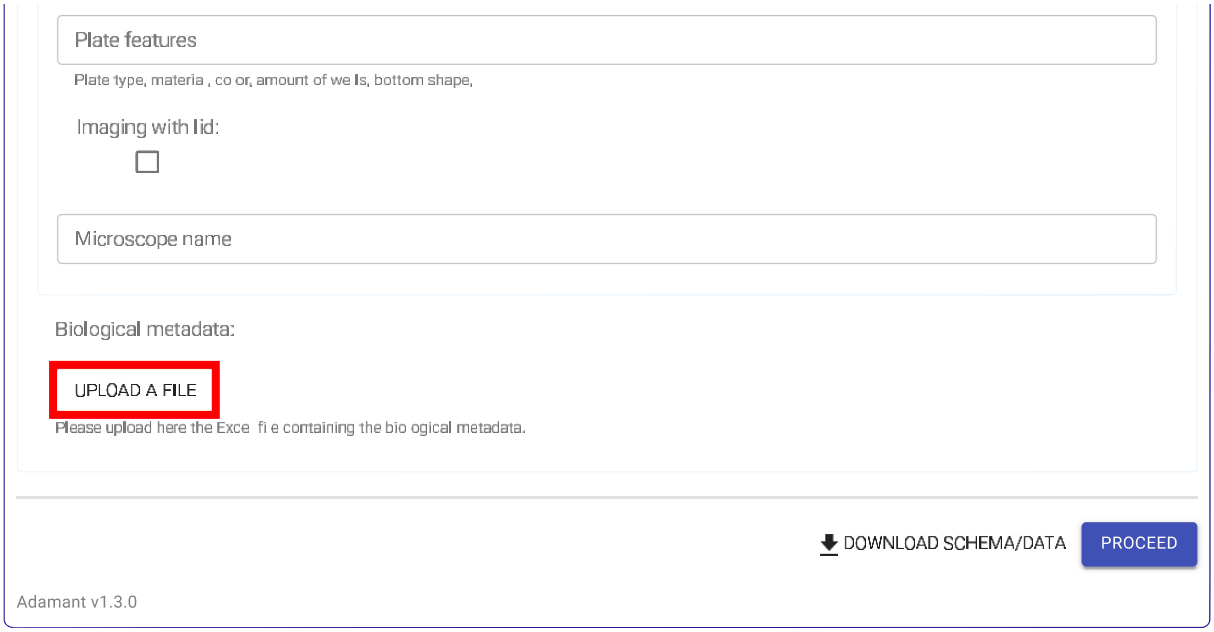
3. Render the schema

- Adamant checks the schema file for validity (stated by the message “screenschema.json is a valid schema. You can now render the form”).
- Click on the “RENDER” panel (red box).



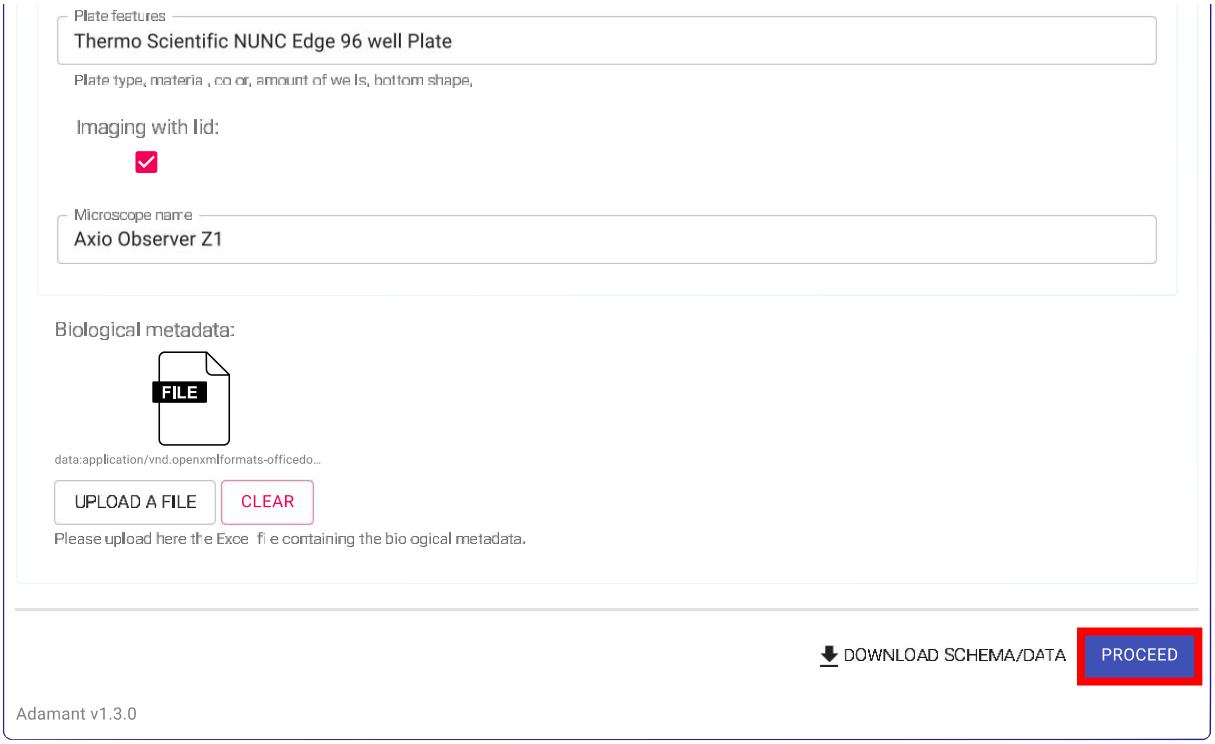
4. Fill out the form

- Fill out the necessary fields of the metadata collection form.
- The filled-out “A375_BiologicalMetadata.xlsx” has to be uploaded during the fill out process.
- Therefore, in the field “Biological metadata” click on “UPLOAD A FILE” (red box) and select the filled-out file.



5. Proceed to data submission to eLabFTW

- Click on “PROCEED” panel (red box) after all fields are filled (biological metadata upload highlighted in red dotted box).



6. Review collected metadata

- The collected metadata are displayed in table format.
- Review the collected metadata and click on “SUBMIT” (red box) if all data are correct.

HOME | LOG IN

Form review and submission

Please review your filled form before submitting.

Edit experiment on Adamant

Screen metadata schema

Screen

Screen ID	INP_SBR
Screen title	A375 NFB AX 0
Screen author	Steven Böttcher
Screen description	Treated cells with Plasma under different height and time conditions
Screen date	2025-05-21
Biological metadata	See attachment (biologicalMetadata.xlsx)

Screen/**Plate**

Plate ID	INP_SBR
Plate title	250521 A375 5X DAP
Plate date	2025 05021
Creator name	Steven Böttcher
Experiment type	
Plate features	Thermo Scientific NUNC Edge 96 well Plate
Imaging with lid	true
Microscope name	Axio Observer Z1

Screen/Plate/**Plate description**

Description	Treated cells with Plasma under different height and time conditions

Screen/Plate/Plate description/Cell information/**Strain identity**

Cell organism	A375
Organism term accession number	
Organism term accession number source REF	
Biological entity	
Biological entity term accession number	
Biological entity term accession number source REF	
Phenotype	
Genotype	

Screen/Plate/Plate description/Cell information/**Culture media**

mediaType	RPMI
Media volume [\mu L]	300
Media concentration [mM]	
pH	

Screen/Plate/Plate description/**Cell information**

Seeding density [cell/ \mu L]	33.3
Layer description	Monolayer

Additives

No.	Additive	Volume of additives [\mu L]	Additive concentration [%]
1	FCS	50	n/a
2	L/Glutamine	50	n/a
3	Penicillin	50	n/a
4	Streptomycin	50	n/a

This template was generated with Adamant v1.3.0

CANCEL SUBMIT

7. Create an eLabFTW experiment with the collected metadata as attachment

- Enter the information (host address of your eLabFTW instance, eLabFTW API token and the experiment title).
- Create the eLabFTW experiment by clicking the “CREATE EXPERIMENT” panel (red box)