


Logging in & Choosing a Task


- ➔ Go to: <http://206.12.89.104:5050/>
- ➔ Login with your **email address** and **password**
 Forgot your password?
 Send us an email ! (liv4d.annotation@gmail.com)
- ➔ Select an image from the **Tasks** list

Editing Tools

The edition tools are available on the left tool-bar. Their properties can be modified on the top-left panel.

[Add or Sculpt biomarker](#) / [Change biomarker type](#)

 / **B** **Brush:** Draw with the current biomarker type.

 / **F** **Fill Brush:** Draw a shape contour and fill it.

Keep Shape If checked, the brush won't draw new annotations but will instead **convert** the selected ones into the **current biomarker type**.

[Remove or Sculpt biomarkers](#)

 / **E** **Eraser:** Erase annotations (opposite of **Brush**).

 / **G** **Lasso Eraser:** Circle an area to be erased.

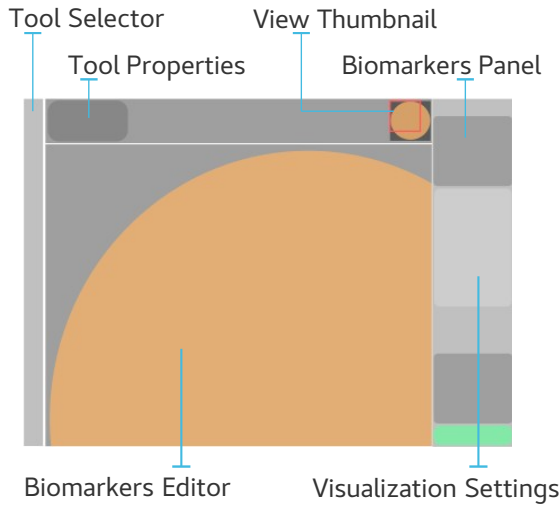
Erase All By default, only the **current biomarker type** can be erased. If checked, **all visible biomarkers type** can be erased.

Ctrl +  Increase or decrease the **Brush/Eraser size**.



 / **Ctrl** + **Z** **Undo** last modification

 / **Ctrl** + **Y** **Redo** last modification

The Editor Interface







Moving the View Around

-  **Move view**
 Dragging the viewport thumbnail will also move the view.
-  **Zoom in / out**
 On tablet, a slider is displayed next to the viewport thumbnail to control the zoom.

Visualization Settings


All visualization settings are accessible on the right panel. The following controls are available:


- ➔ Maximize image contrast : **Contrast Auto**
- ➔ Toggle image preprocessing : **Preprocessing**
 The preprocessing fixes illumination artefacts.
- L** /  **Toggle border mode for the biomarkers**
- O** /  **Hide / Show all biomarkers**
- H** /  **Hide / Show only the current biomarker**
-  **Set the transparency of biomarkers**
 (not available in border mode)

Choosing Current Biomarker Type

Most tools modify only one biomarker type at time: the **current biomarker type**. You can select it by:

- ➔ Clicking on its name (in Biomarkers Panel at right)
 If a biomarker is not editable in your current task, it will be displayed in black and can't be selected.

 on image background: context menu allows you to choose from recently used types

 on a biomarker: to set it as the current biomarker

Saving you work

- ➔ Press **Submit** or type **Ctrl** + **S**.

You will be redirected to a popup asking for confirmation.

- If you want to save your progress and come back to this image later: **just press Confirm**.
- If you have completed your task for the current image: **check** the **Correct Annotation** checkbox then **press Confirm**.



Only **the current** image is stored locally on your device: make sure to **save** your modifications before loading a new image!