



ImageJ/Fiji workshops

Image processing and analysis

Introduction – 16 December 2024

Writing macros - 17 December 2024

The screenshot displays the ImageJ/Fiji software interface. The main window shows a macro editor with the following code:

```
13
14 macro plot_multicolour{
15     setTool("line");
16     if (isOpen("ROI Manager")) {
17         selectWindow("ROI Manager");
18         run("Close");
19     }
20     inv = false; // To check if LUT is inverted
21     p = 0; //Counter for presence of plot
22     intensityBottom=0;
23     color = "black";
24     getVoxelSize(vw, vh, vd, unit);
25 }
```

The interface also shows a menu with options like Analysis, Annotation, Data Analysis, Segmentation, Utilities, Commander..., Help, and My Routines. Other windows include 'Color' (showing a histogram and sliders for Minimum, Maximum, and Brightness), 'Channels' (showing Channel 1, 2, and 3), 'multi Channel Plot' (showing a line plot of Intensity vs Distance (microns)), and 'ROI...' (showing a list of ROIs).

lectures and hands-on sessions

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