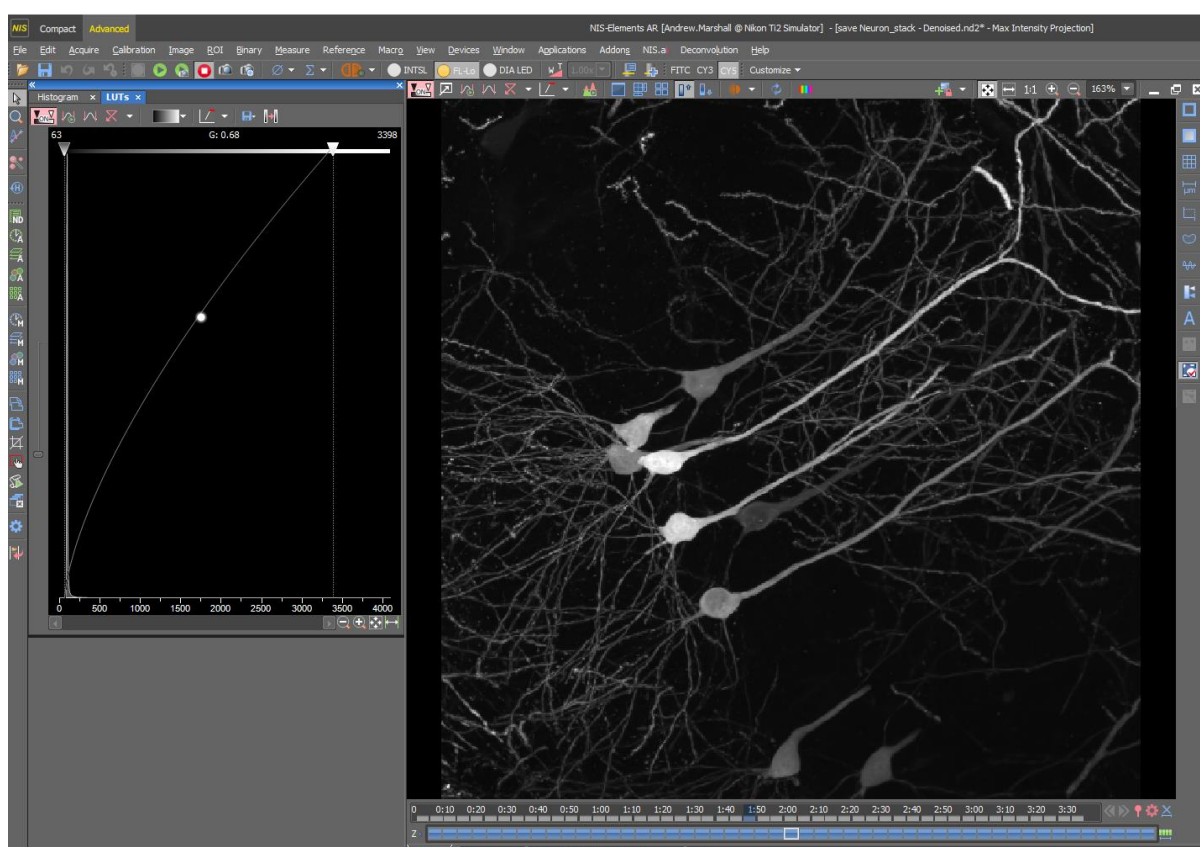


Andy's NIS Elements Tip of the Month

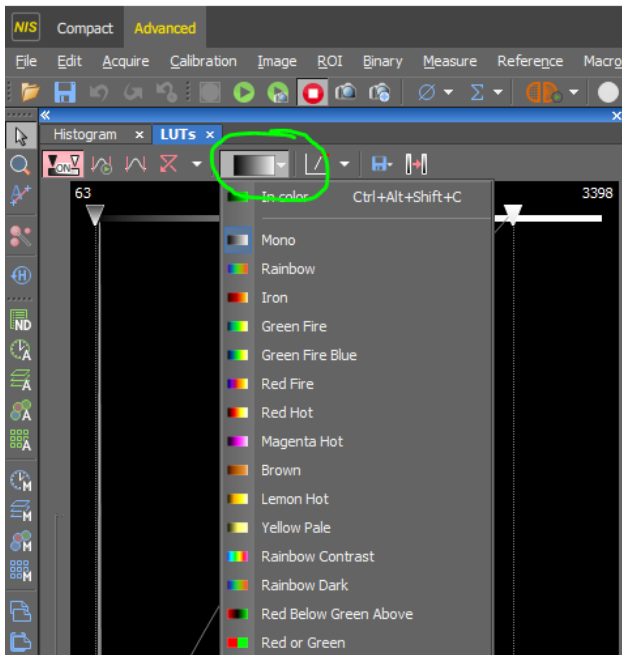
Customise LUT's for image display.

Some of you may be aware that for images taken with a monochrome camera or confocal system can be represented in various ways through the look up tables (LUT's) within NIS Elements. But did you know that it is possible to create your own LUT's and import LUT's from Image J?

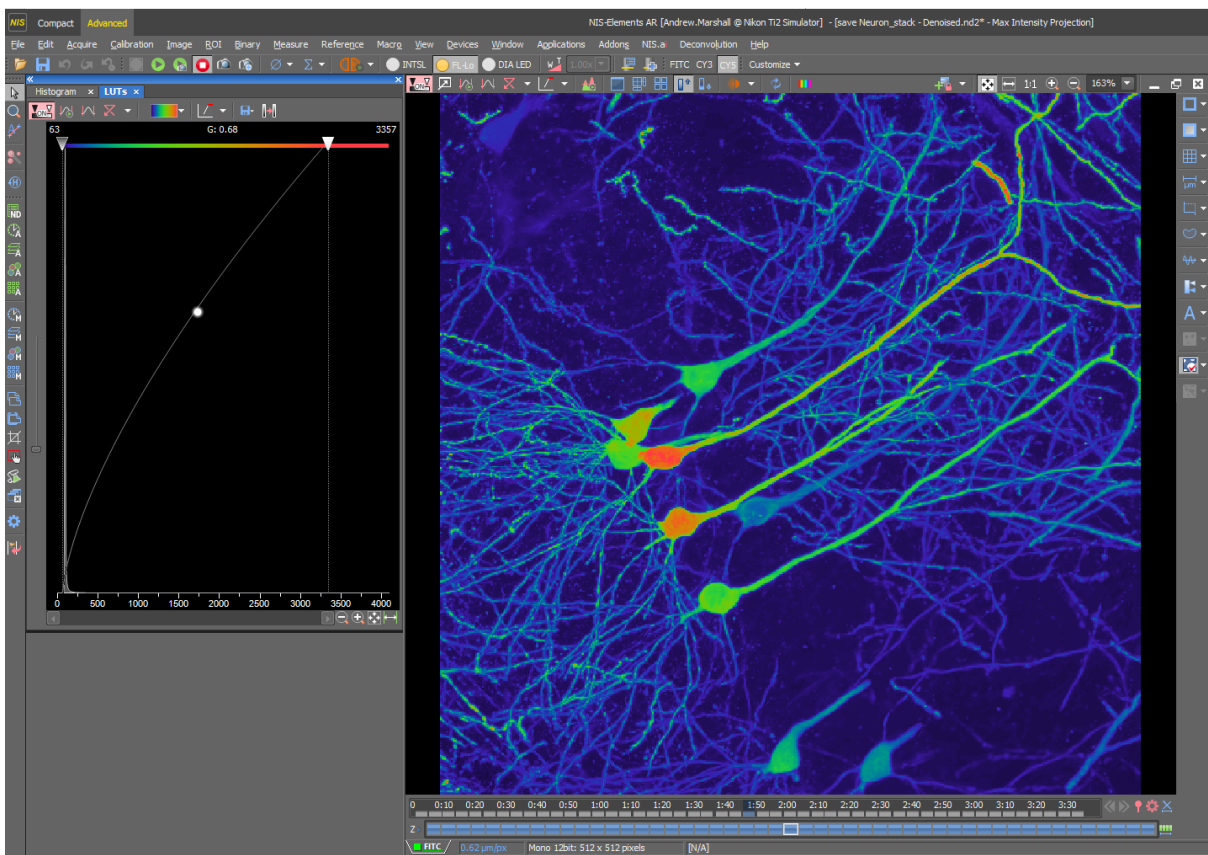
Let's look at this Nikon A1 confocal image below which is a maximum intensity projection or neurons which also has had Denoise Ai applied.



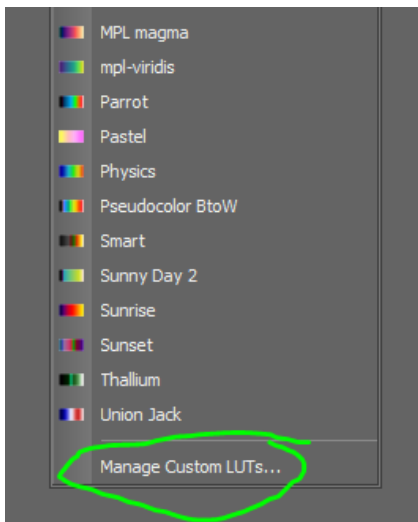
In the LUTs GUI there is a drop down list that allows you to assign different colour properties based on the intensity level



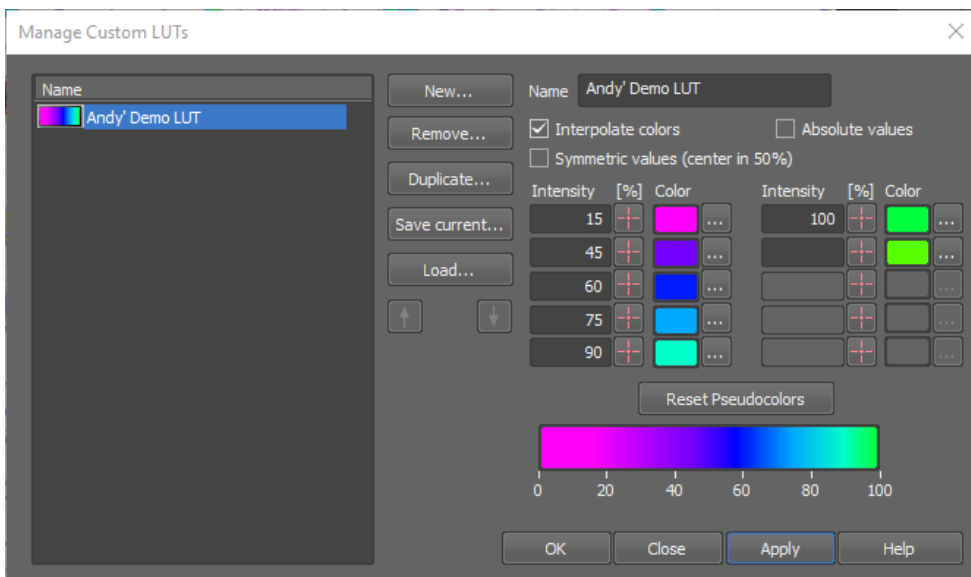
If we apply the “Rainbow Dark” scheme our image will look like this with bright pixels showing up as red and darkest pixels are blue/purple



At the bottom of the LUT list of schemes is the Manage Custom LUTs button.



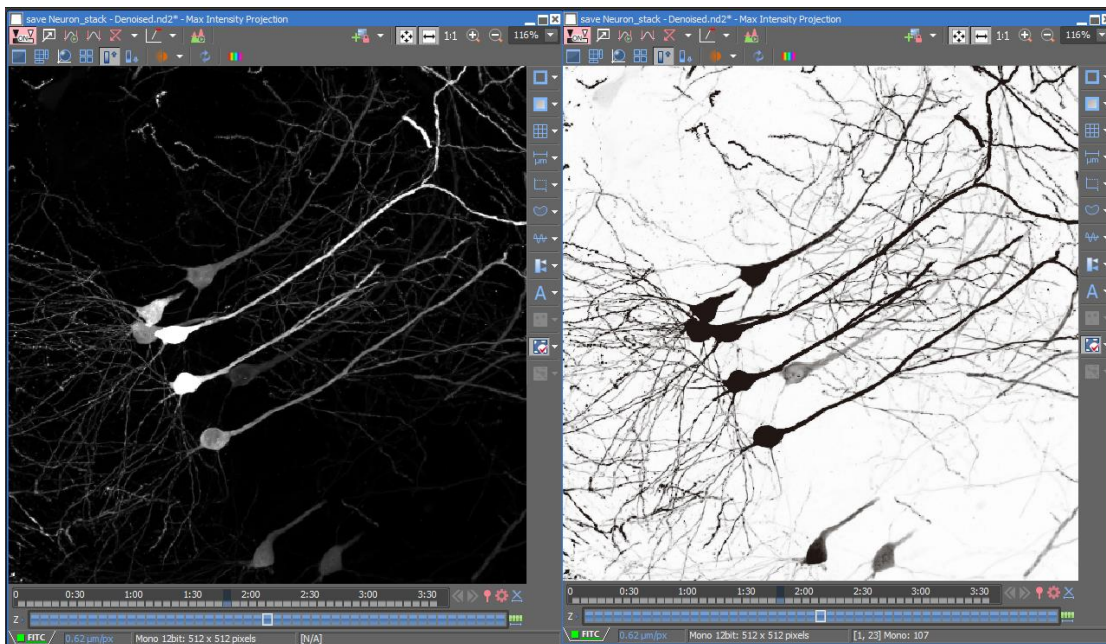
From here you can either create a new LUT or Load a custom LUT



A useful LUT for many users is the ability to invert your monochrome fluorescence image.


This can be helpful when presenting posters to reduce the amount of black background printing and allows you to easily see the fluorescence signal

You can see the difference between the two images here where the fine processes are more easily seen on the inverted image



If anyone is interested in having the inverted LUT added to their NIS Elements please contact me.

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