

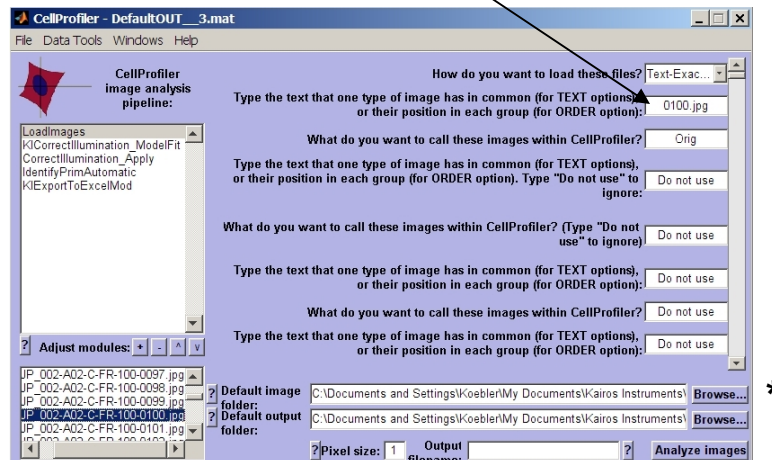
## CellProfiler – ( LoadImages Module - setup for multiple images)



[CellProfiler](#) is an open-source image processing package, designed for image analysis. With this free software you can analyze a series of images and get quantitative results.

After you set up a Pipeline with all the modules set to process your images, now you would like to process a series of images.

In the LoadImages module, initially we are set to process just one image with the string 0000.jpg. You could process every 10<sup>th</sup> image by changing this to 0.jpg. The LoadImages module will look for any file that has 0.jpg, so it will load every 10<sup>th</sup>. If you use 00.jpg it will load every 100<sup>th</sup> image.



Here is another way. If you have different type images in the same folder, say visible and fluorescent images and you only want to process the fluorescent images. In the first pull down select **Text-Regular expressions** In the text string use **FR-100-[0-999]+0.jpg** The program will only process FR images (fluorescent images) and every 10<sup>th</sup> image.

- \* To process multiple folders, set the path above the individual images, maybe to the experiment name. In the next to last selection in the LoadImages module **Analyze all subfolders within the selected folder ? select yes**

The last thing to do is in the **Set Preferences**, select **Do not display windows** then **Save Preferences**. This will speed things up and use less computer memory.

### For more information, please contact:

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