# Culture3D workflow

1. Run the command culture3DExample
2. Click the load icon  or navigate to Experiment->New Experiment->Yokogawa..
3. Select the folder with the example dataset, named stack3Dselect
4. Choose where the results will be stored with 3D Monolayer Assay -> Set Output Folder
5. Choose a well or field, but the assay uses 4D image data, so keep Select All for action and channel, and Select 3D for zslice.
6. View image by clicking Load Image button
7. Adjust contrast by clicking Contrast or Auto buttons
8. To tune settings on this image go to 3D Monolayer Assay -> Interactive Calibration
9. Adjust the settings and click Run Stage to see the result (note that for 3D data this is quite slow).
10. Use 3D Monolayer Assay -> Save IA Settings to save the settings to a JSON file. Alternatively, settings can be loaded from the defaultSettings.json file within the Culture3D example folder
11. Run batch processing

# Spheroid3D workflow

1. Run the command spheroid3DExample
2. Click the load icon  or navigate to Experiment->New Experiment->Yokogawa..
3. Select the folder with the example dataset, named spheroid/BE000778-52 HHEP\_Subset
4. Choose where the results will be stored with Spheroid3D -> Set Output Folder
5. Only one well (I6) in this example - the assay uses 4D image data, so keep Select All for action and channel, and Select 3D for zslice.
6. View image by clicking Load Image button
7. Adjust contrast by clicking Contrast or Auto buttons
8. To tune settings on this image go to Spheroid3D -> Interactive Calibration
9. Adjust the settings and click Run Stage to see the result (note that for 3D data this is quite slow).
10. Use Spheroid3D -> Save IA Settings to save the settings to a JSON file. Alternatively, settings can be loaded from the defaultSettings.json file within the Culture3D example folder
11. Run batch processing