

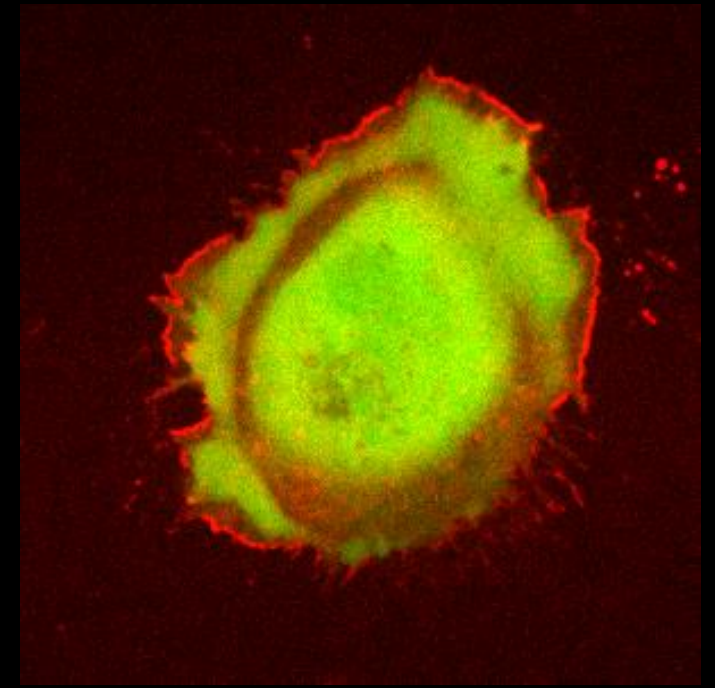
CHALLENGE 4

15 Points:

Test the following hypothesis: the RFP-tagged protein localises to the cell periphery

5 Points:

How can the result be explained? Is it what you expected?



Filter Noise

- Process > Filters

Segment cells from background

- Image > Adjust > Threshold

Manipulate Segmentation

- Process > Binary

Create New Mask Image

- Process > Image Calculator

Specify Morphological Measurements

- Analyze > Set Measurements

Quantify Morphology & Fluorescence

- Analyze > Analyze Particles