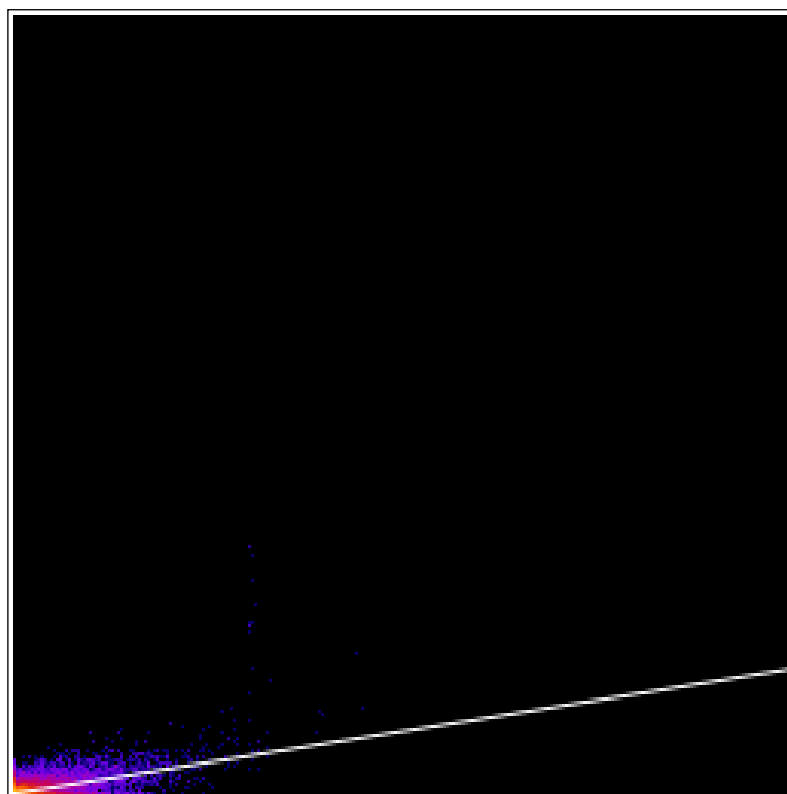Colocalization_of_Overlay_18-2.pdf
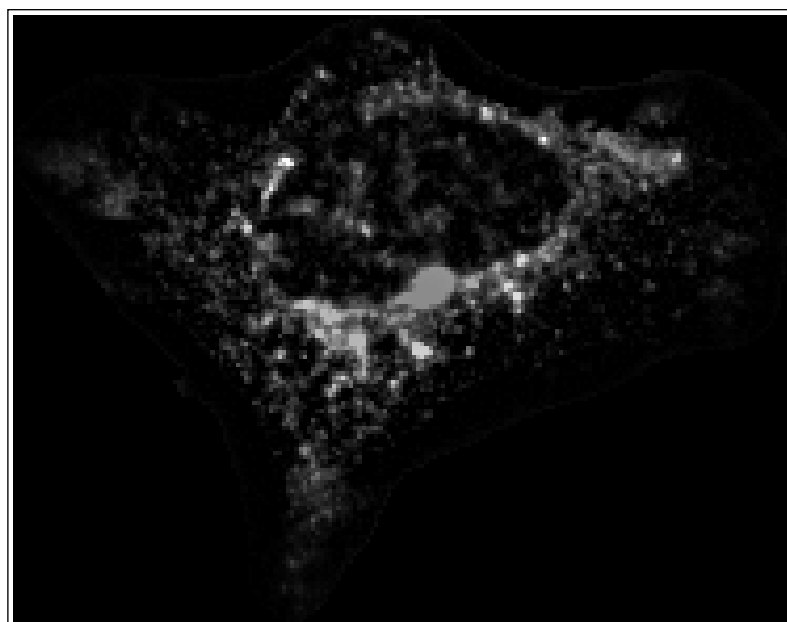
2D intensity histogram

256.0 x 256.0

Channel 2
Overlay_2h 18-1.tif (red)

Channel 1
Overlay_2h 18-1.tif (green)
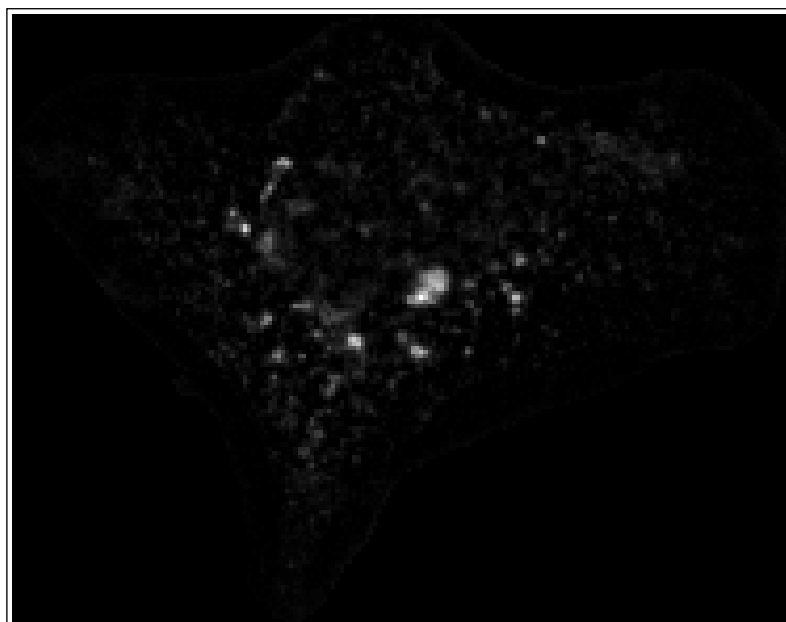
Channel 1 (Max Projection)

186.0 x 145.0

Channel 2
Overlay_2h 18-1.tif (red)

Channel 1
Overlay_2h 18-1.tif (green)

Channel 2 (Max Projection)

186.0 x 145.0

Channel 2
Overlay_2h 18-1.tif (red)

Channel 1
Overlay_2h 18-1.tif (green)

Warning! Zero-zero ratio too high - The ratio between zero-zero pixels and other pixels is large: 0.55. Maybe you should use a ROI.

Warning! Threshold of ch. 2 too high - Too few pixels are taken into account for above-threshold calculations. The threshold is above the channel's mean.

Coloc_Job_Name: Colocalization_of_Overlay_2h 18-1.tif (green)_versus_Overlay_2h 18-1.tif (red)_617733585

% zero-zero pixels: 55.37

% saturated ch1 pixels: 0.01

% saturated ch2 pixels: 0.01

Channel 1 Max: 141.000

Channel 2 Max: 116.000

Channel 1 Min: 0.000

Channel 2 Min: 0.000

Channel 1 Mean: 6.144

Channel 2 Mean: 1.786

Channel 1 Integrated (Sum) Intensity: 165698.000

Channel 2 Integrated (Sum) Intensity: 48167.000

Mask Type Used: none

Mask ID Used: 617733585

m (slope): 0.29

b (y-intercept): 0.01

b to y-mean ratio: 0.00

Ch1 Max Threshold: 6.00

Ch2 Max Threshold: 2.00

Threshold regression: Bisection

Pearson's R value (no threshold): 0.75

Pearson's R value (below threshold): 0.07

Pearson's R value (above threshold): 0.65

Spearman's rank correlation value: 0.71339958

Spearman's correlation t-statistic: 167.1820

t-statistic degrees of freedom: 26968.000