

Analysis Sequence "AV-CYTO-final"

Input Image	Input		
	Channel group : 1 Sequences : ALL Flatfield Correction : Advanced Brightfield Correction Stack Processing : Individual Planes		
Find Nuclei	Input	Method	Output
	Channel : DAPI ROI : None	Method : C Common Threshold : <u>0.42</u> Area : > 30 μm^2 Splitting Coefficient : <u>17</u> Individual Threshold : <u>0.38</u> Contrast : > <u>-0.07</u>	Output Population : All Cells
Calculate Intensity Properties	Input	Method	Output
	Channel : DAPI Population : All Cells Region : Nucleus	Method : Standard Mean	Property Prefix : Intensity Nucleus DAPI
Select Population	Input	Method	Output
	Population : All Cells	Method : Filter by Property Intensity Nucleus DAPI Mean : > <u>7000</u>	Output Population : All Cells Selected
Find Spots	Input	Method	Output
	Channel : Alexa 488 ROI : All Cells Selected ROI Region : Nucleus	Method : B Detection Sensitivity : <u>0.04</u> Splitting Sensitivity : <u>0.235</u> Calculate Spot Properties	Output Population : Dead Cells
Calculate Intensity Properties (2)	Input	Method	Output
	Channel : Alexa 488 Population : Dead Cells Region : Spot	Method : Standard Mean	Property Prefix : Intensity Spot Alexa 488
Select Population (2)	Input	Method	Output
	Population : Dead Cells	Method : Filter by	Output Population :

		Property Intensity Spot Alexa 488 Mean : > <u>10000</u>	Dead Cells Selected
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Define Results	Results
	<p>Method : Formula Output Formula : a/b Population Type : Objects Variable a : Dead Cells Selected - Number of Objects Variable b : All Cells Selected - Number of Objects Output Name : % Cell Death</p> <p>Object Results Population : All Cells : None Population : Dead Cells : None Population : All Cells Selected : None Population : Dead Cells Selected : None</p>