Membrane Tube Image Analysis

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DISCLAIMER

ABSTRACT

This protocol details Membrane Tube Image Analysis.

ATTACHMENTS

416-899.pdf

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PROTOCOL CITATION

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KEYWORDS

Membrane Tube Image Analysis, FIJI, ASAPCRN

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MATERIALS TEXT

Materials:

- Image stack of multichannel confocal fluorescence images
- FIJI
- Tube enrichment quantification script (Python)

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Membrane Tube Image Analysis

In FIJI, create new image stacks from two rectangular selections: one containing a section of

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1 the membrane tube, and one containing the approximately horizontal section of the guv.

2 Save these new stacks as .tif files and paste paths into enrichment quantification script.

3 Run enrichment quantification, adjusting parameters such as ktub to fit your experimental conditions.

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