Data Structure

david

 $m \ | \ calcein_penetration_phnix2_01[4067] \ | \ calcein_penetration_$

01-24T134730-0500[4123]\Code\Data

c1: all c1

c1 working plane : c1 at working plane

c1_working_plane_mask: spheroid mask of c1 at working plane

c1 working plane normalized: normalized c1

c1 working plane shell: shells of c1

Step 1: Compute bottom/working plane

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m\export040920\spherod segmentation[2104]\calcein penetration phnix2 01[4067]\2020-

01-24T134730-0500[4123]\Code

SO bottom plane computation.m

All c1 at working plane are saved in \c1 working plane.

Step 2: Spheroid segmentation

Open source code (Python)

https://github.com/matterport/Mask RCNN

All spheroid mask of c1 are saved in \c1_working_plane_mask.

Step 3: Normalization and shell extraction

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 $m \\ export 040920 \\ spherod_segmentation [2104] \\ calcein_penetration_phnix \\ 2_01 \\ [4067] \\ \ 2020-phnix \\ 2_01 \\ [4067] \\ \ 2_01 \\ [4067] \\ \ 2_01 \\ [4067] \\ \ 2_01 \\ [4067] \\ \ 2_01 \\ [4067] \\ \ 2_01 \\ [4067] \\ \ 2_01 \\ [4067] \\ \ 2_01 \\ [4067] \\ \ 2_01 \\ [4067] \\ \ 2_01 \\ [4067] \\ \ 2_01 \\ [4067] \\ \ 2_01 \\ [4067] \\ \ 2_01 \\ [4067] \\ \ 2_01 \\ [4067] \\ \ 2_01 \\ [4067] \\ \ 2_01 \\ [4067] \\ \ 2_01 \\ [4067] \\ \ 2_01 \\ [4067] \\ \ 2_01 \\ [4067] \\ \ 2_01 \\ \ 2_01 \\ \ 2_01 \\ \ 2_01 \\ \ 2_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\ \ 3_01 \\$

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S1_shell_extraction.m