

**A Experiments Acquisition**

Acquisition Mode: xyz

Format: 512 x 512 | Pinhole ☒ Bidirectional X ☒ Phase correction X -28.26

Speed: 600 Hz

Zoom factor: 1

Zoom in

Image Size: 246.03  $\mu$ m \* 246.03  $\mu$ m

Pixel Size: 481.47 nm \* 481.47 nm \* 52.41  $\mu$ m

Section Thickness: 1.791  $\mu$ m

Line Average: 2 Accu: 1

Frame Average: 1 Accu: 1

Rotation: 0.00

Pinhole: 250.05  $\mu$ m

Unit:  $\mu$ m Airy 1

Z-Stack: 681.374  $\mu$ m | 14 steps

z-Wide Set Plane Go to

Begin ( $\mu$ m) 3557.7 End ( $\mu$ m) 4239.08

z-Position ( $\mu$ m) 3557.7

Nr. of steps 14

z-step size 52.41  $\mu$ m

z-Volume 681.374  $\mu$ m

Travel Range 9000  $\mu$ m

System optimized Compensation

Sequential Scan

scan 1 scan 2

Load Save

between lines

between frames

between stacks

**B Beam Path Settings**

Load/Save single setting

Leica Settings Delete Save

ROI Scan

ROI Bleach Point

Set Background

UV Visible

6% 0% 24% 29% 0%

405 458 476 488 514 561 633

Laser Power

Control Panel

Specimen

Adaptive Focus Control

AFC Pos.

PMT 1 PMT 2 PMT 3

Leica EGFP Leica DSRED None

Active Active Active

Configuration Acquire Process Query

LMF Pattern

Record List

Job 1 Job 2 Job 3 Repeat 1 (5 s)