

Microscopy

- For the fluorescence microscopy of our GFP targeted carboxysome we used two different microscope, a Leica DMI 6000 SD and a structured illumination microscope (DeltaVision|OMXv4.0 BLAZE, GE Healthcare). The preparation of the samples were treated identically.
 - Take 1 ml of the culture (you can choose different time points).
 - Centrifuge at top speed for 5 min.
 - Discard supernatant and resuspend in 600 μ l 1x **PSB buffer**.
 - Prepare your object plates with 1% agarose for a fixation of the cells.
 - Take 5-10 μ l of the washed culture for the microscopy (maybe dilute it with PBS buffer before using).

