

Author: Allyssa Hinkle
Entry 1/3: No entry title yet
In Project: Journal general
No tags associated

created: 20.10.2020 10:50
updated: 27.10.2020 19:49

09.03.2020: AFM microscopy

- Let colonies grow
- Determined cell density: 2×10^5
- Added diclofenac in concentrations 0 mg/100 mL, 25 μ g/100 mL and 25 mg/100 mL

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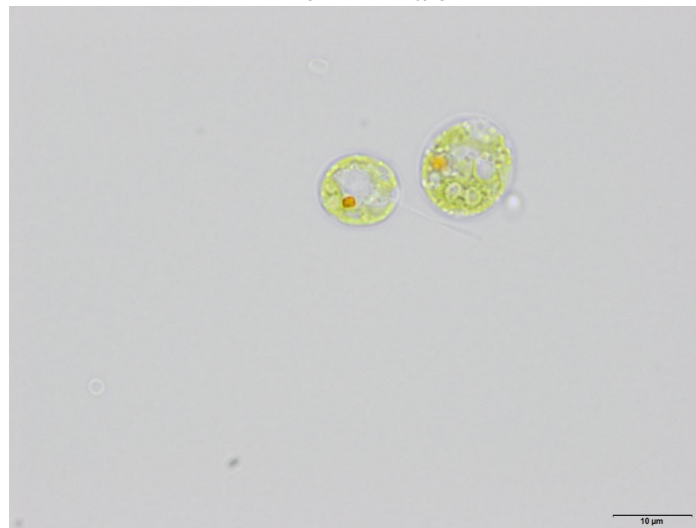
created: 20.10.2020 10:54
updated: 20.10.2020 11:17

24.06.2020: Light microscopy of transformants pAR-BaLac-3xHA-cyt and pAR-marLac-3xHA-cyt, as well as UVM 4 wild type

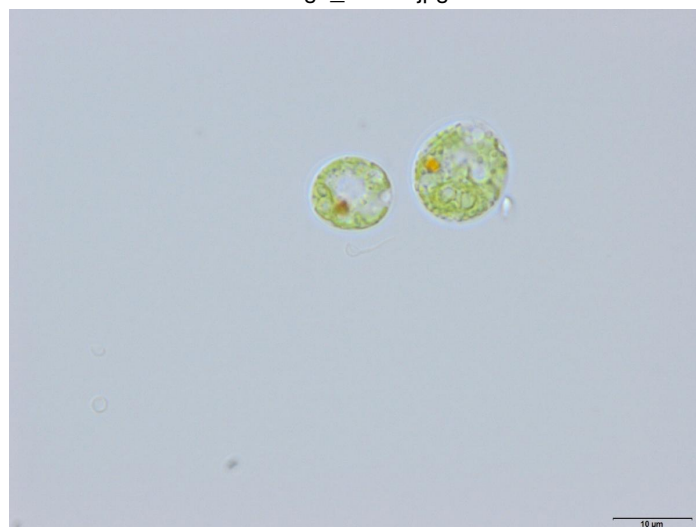
- Used 10 μ L of each sample
- Magnification: 100 x
- Pictures:

UVM 4:

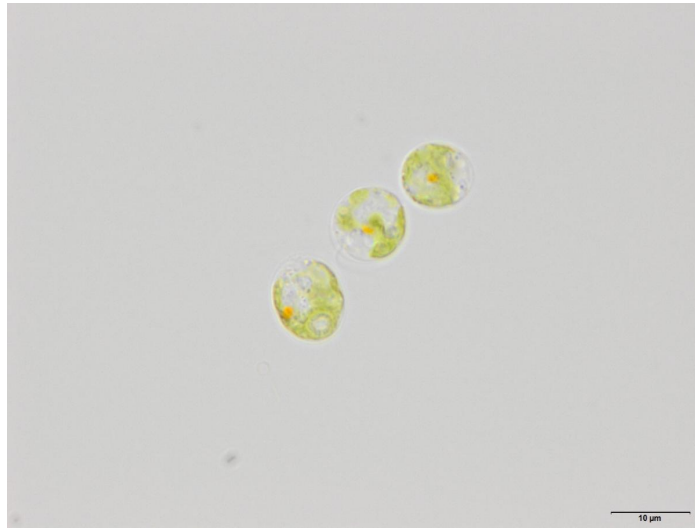
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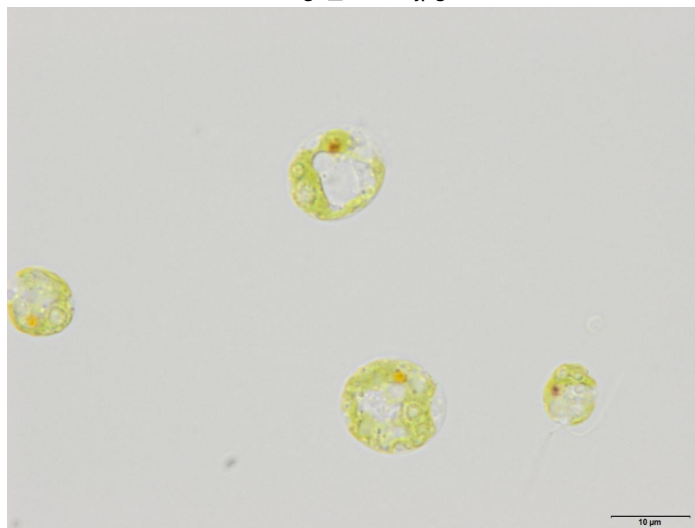
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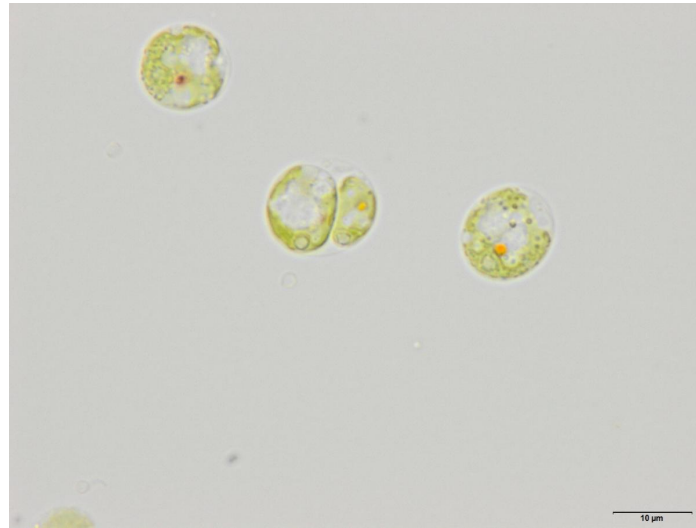
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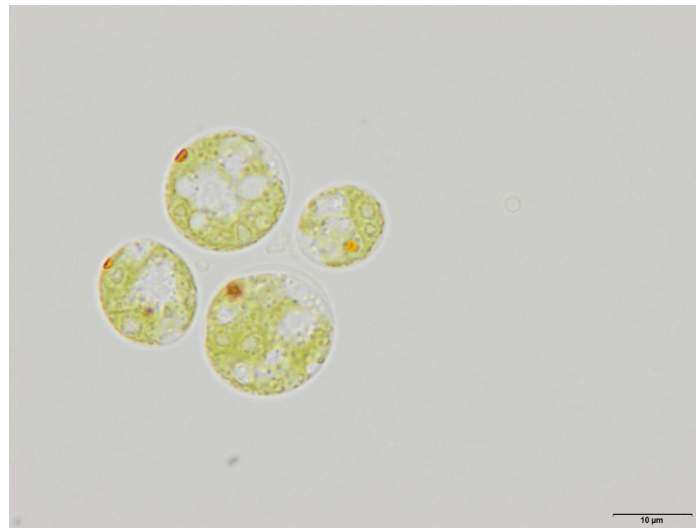
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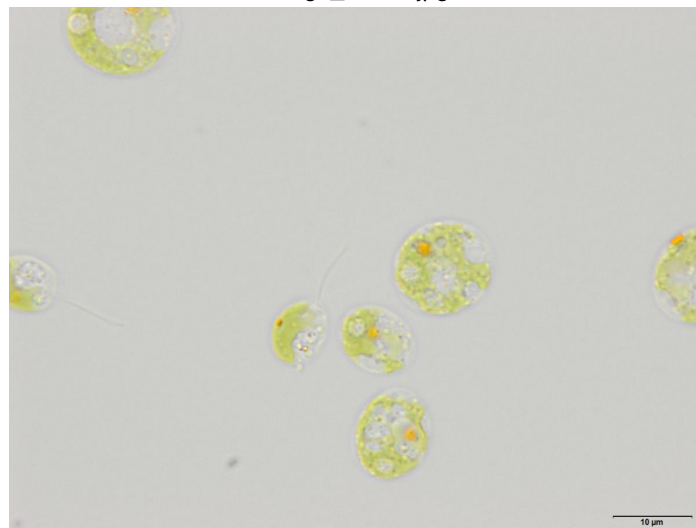
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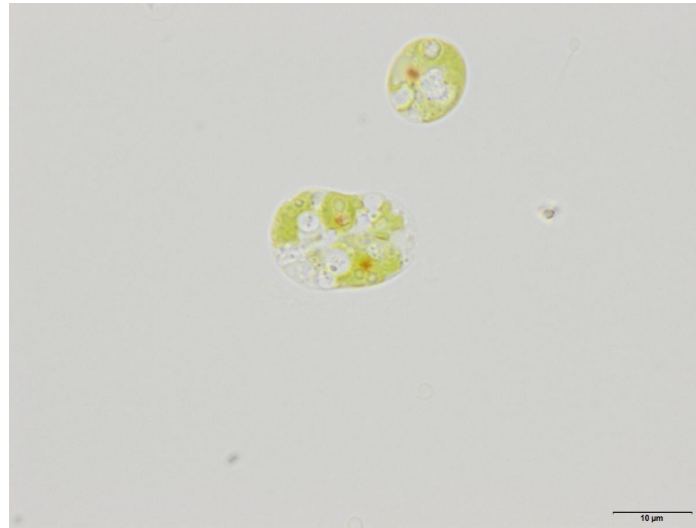
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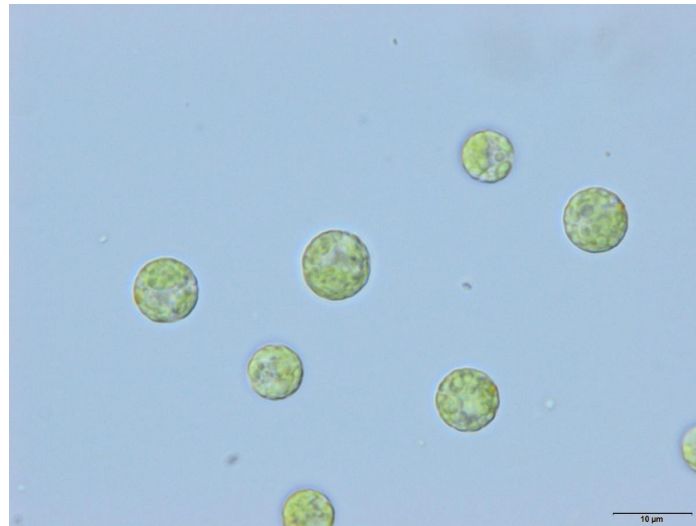


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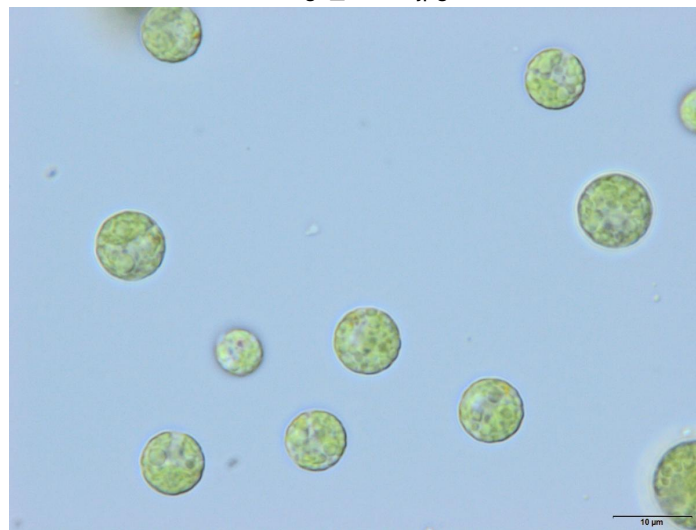


pAR-BaLac-3xHA-cyt:

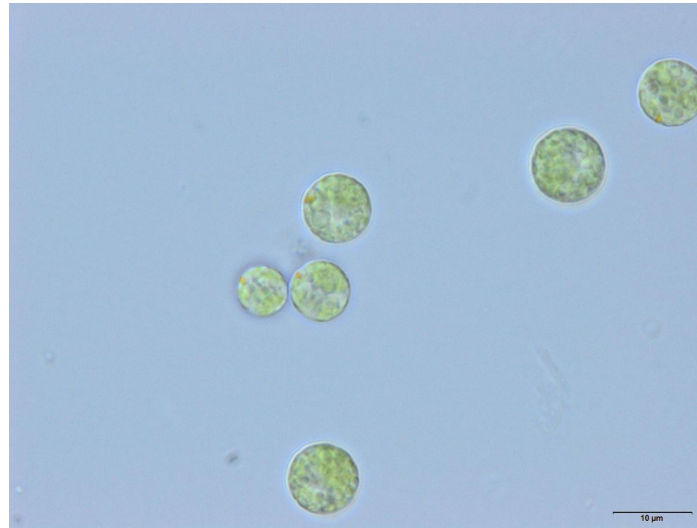
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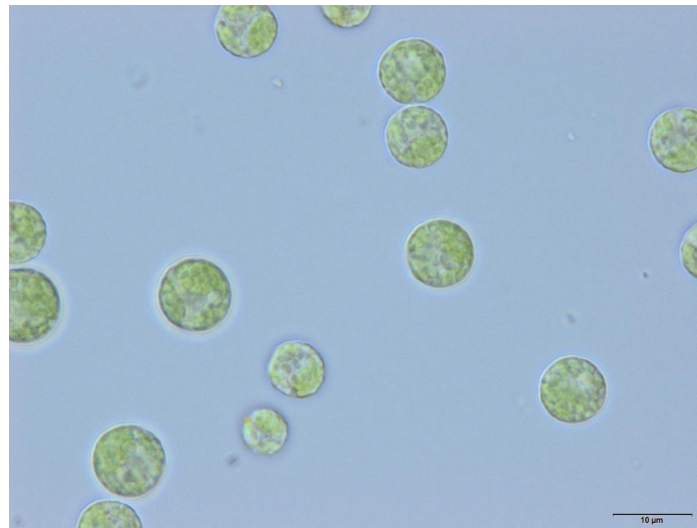
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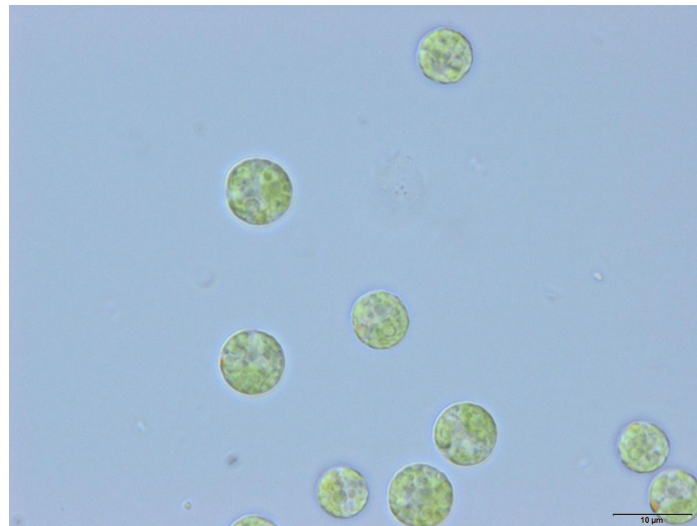
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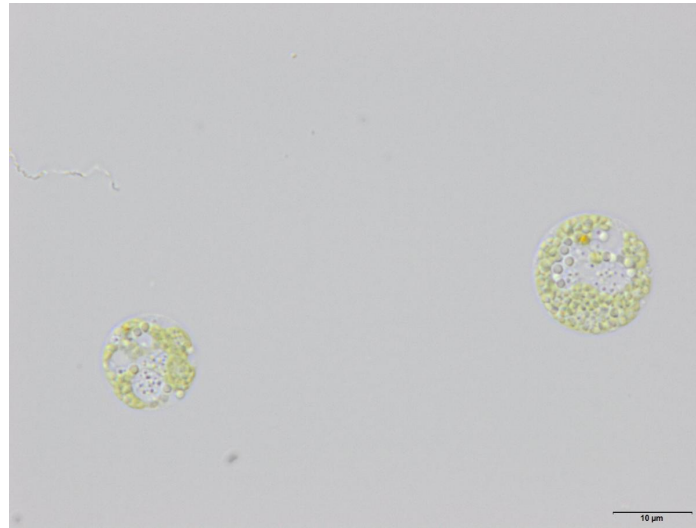


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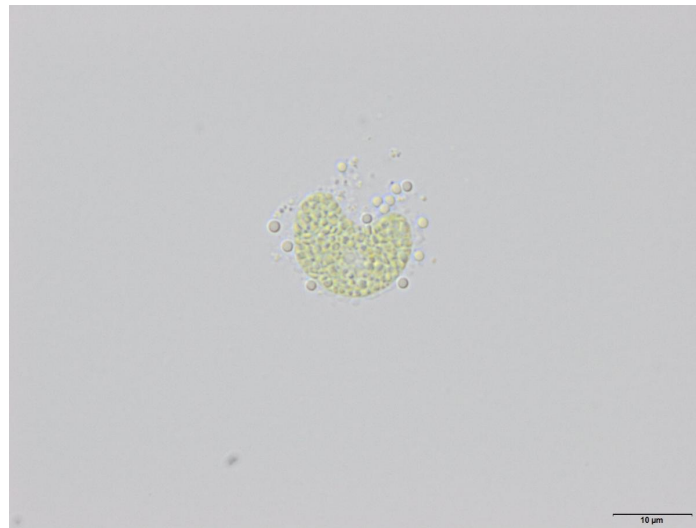


pAR-marLac-3xHA-cyt

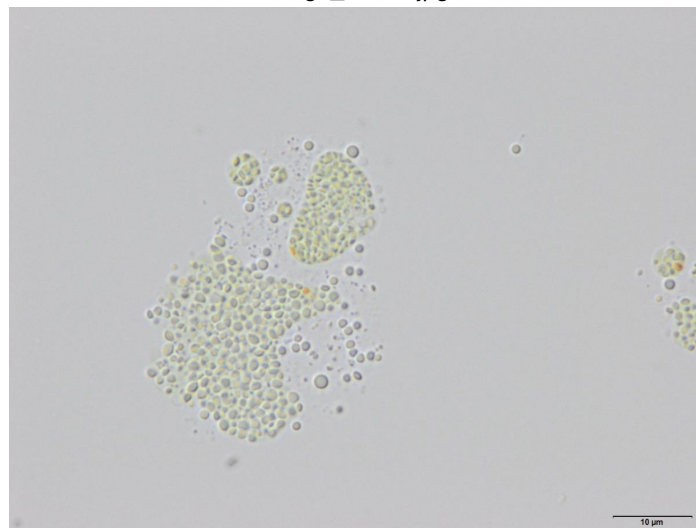
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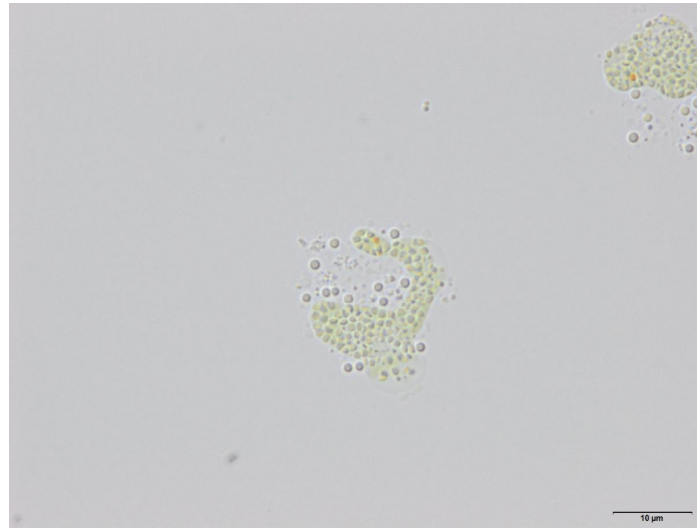
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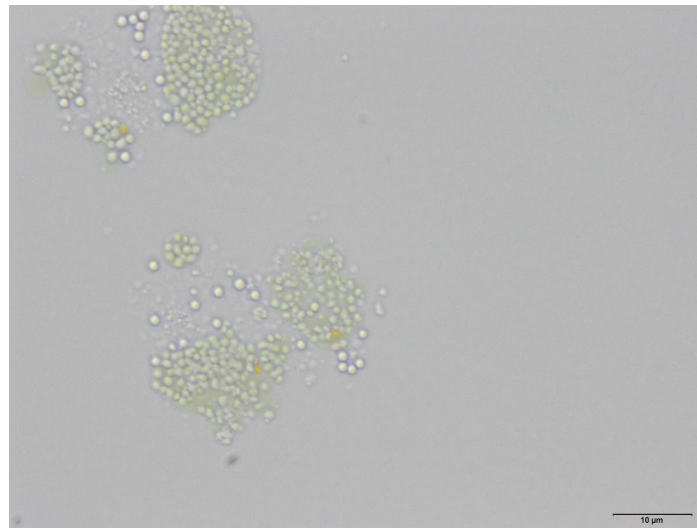
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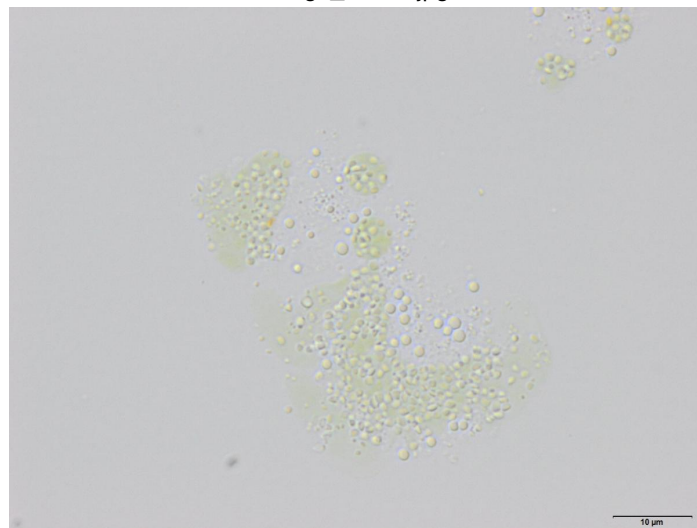
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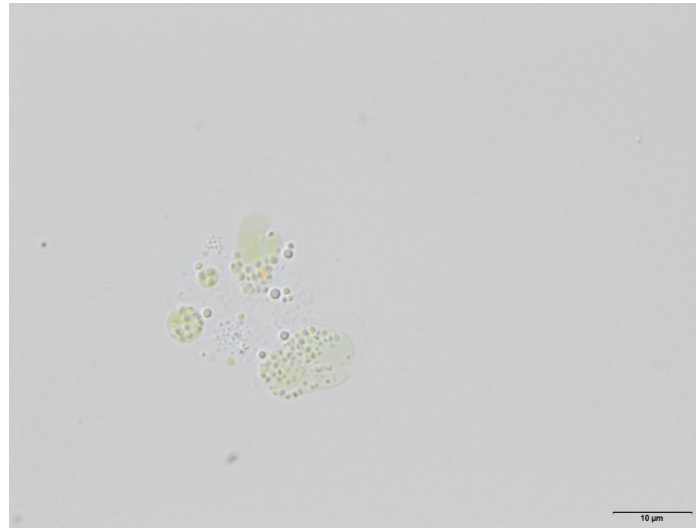
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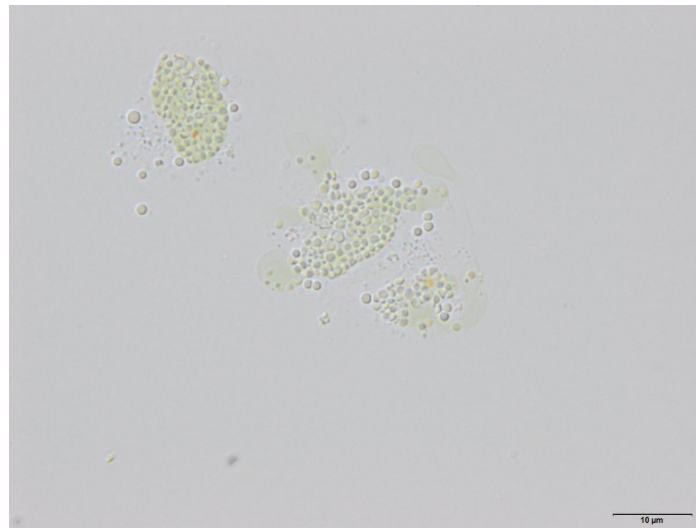
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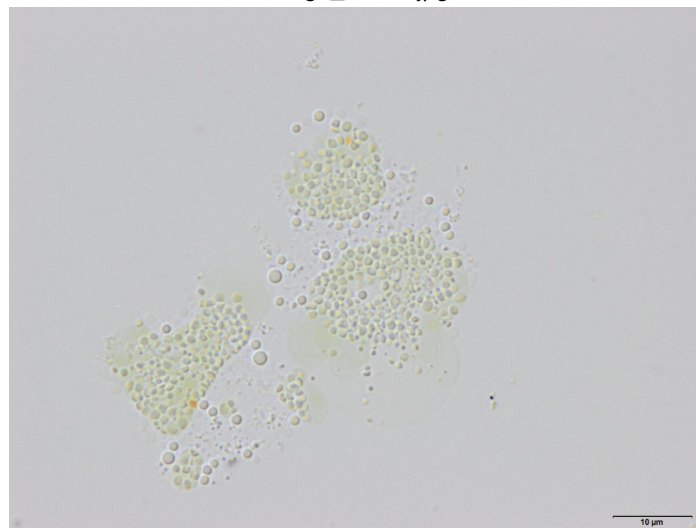
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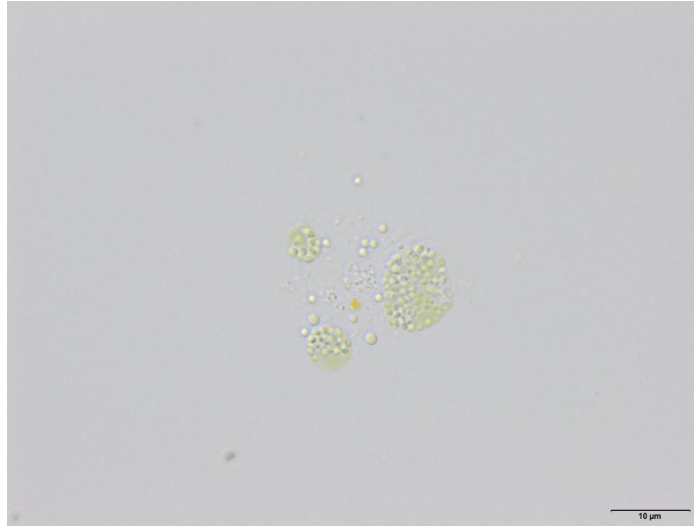
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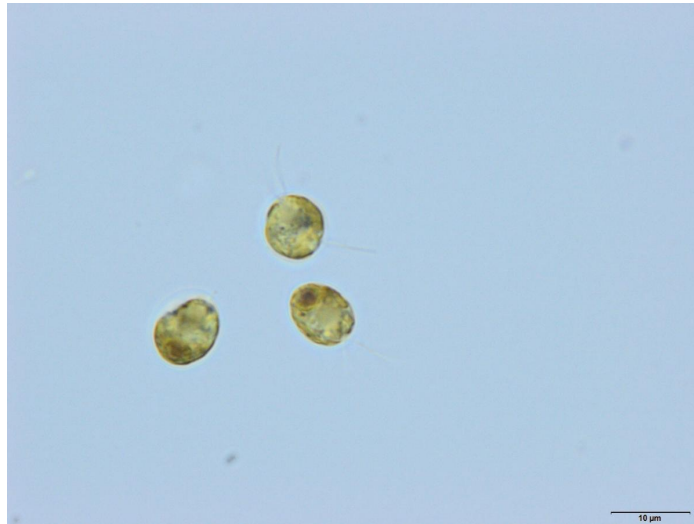


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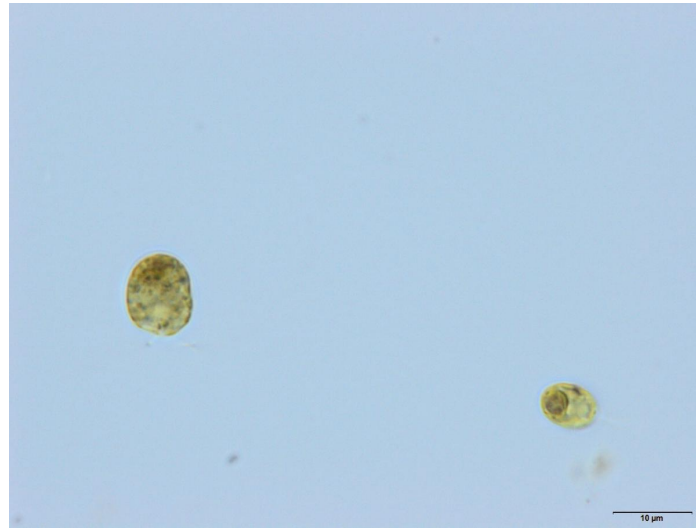


- Transformants are more round than wild type and have no flagella.
- Added iodine solution:

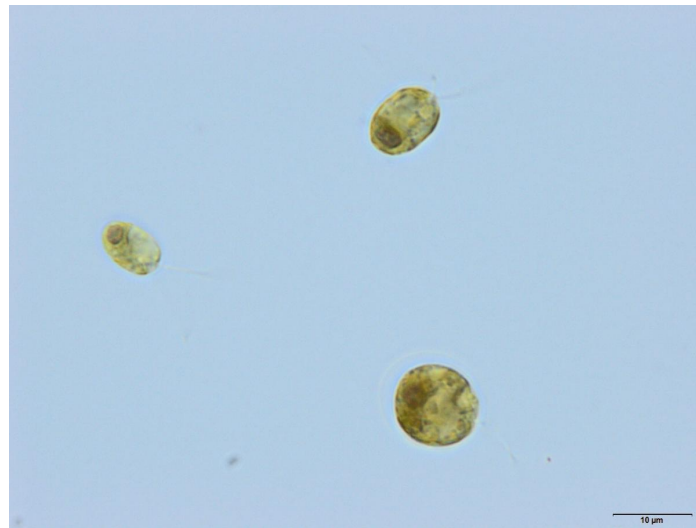
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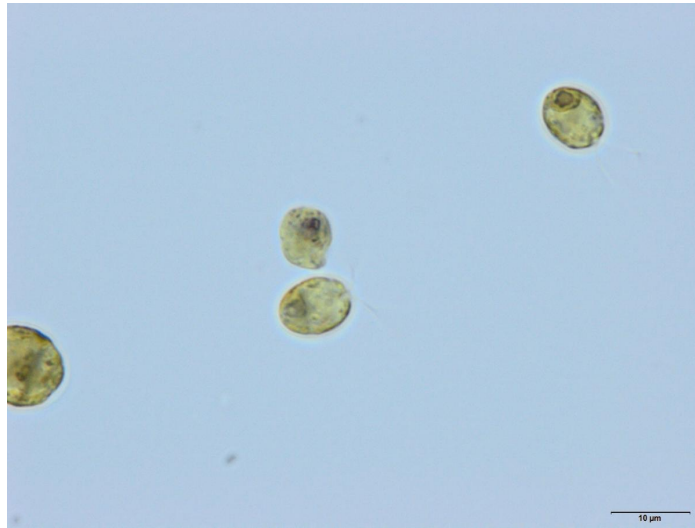
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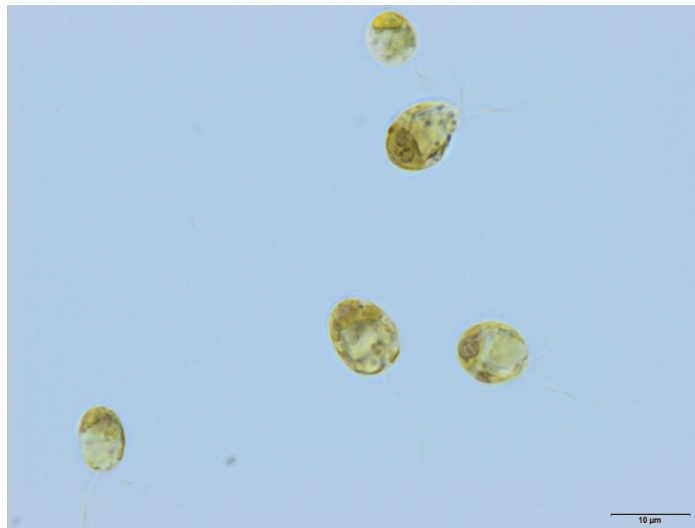
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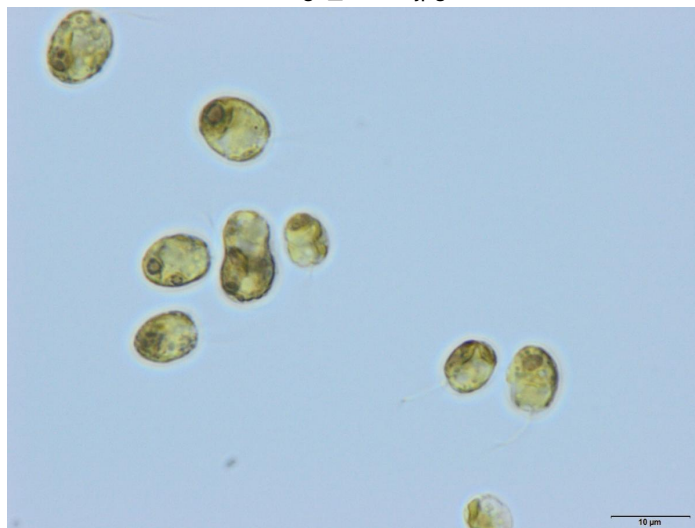
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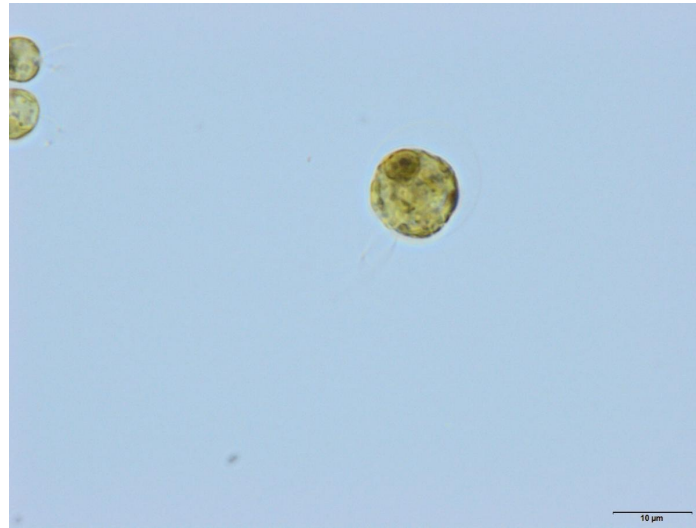
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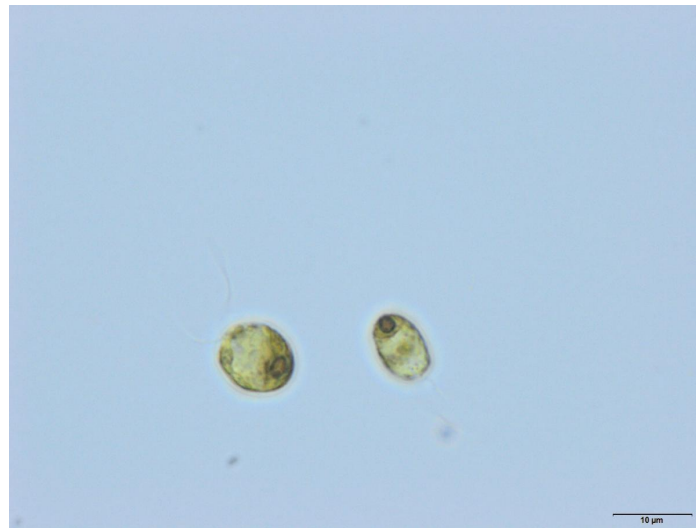
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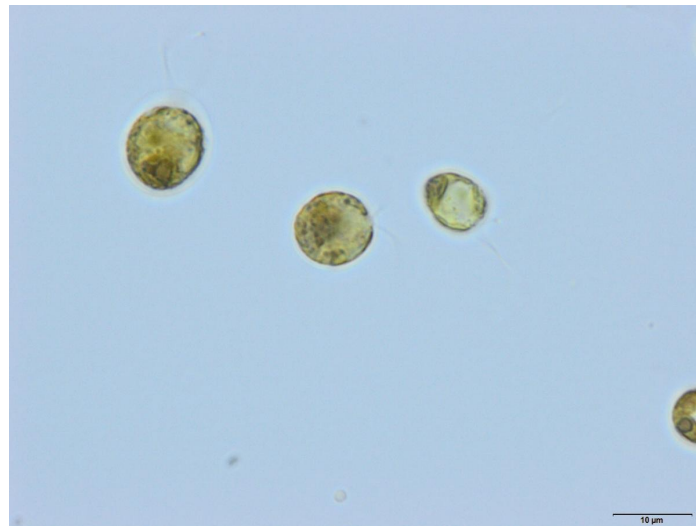
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Image_26610.jpg



Image_26611.jpg



pAR-BaLac-3xHA-cyt:

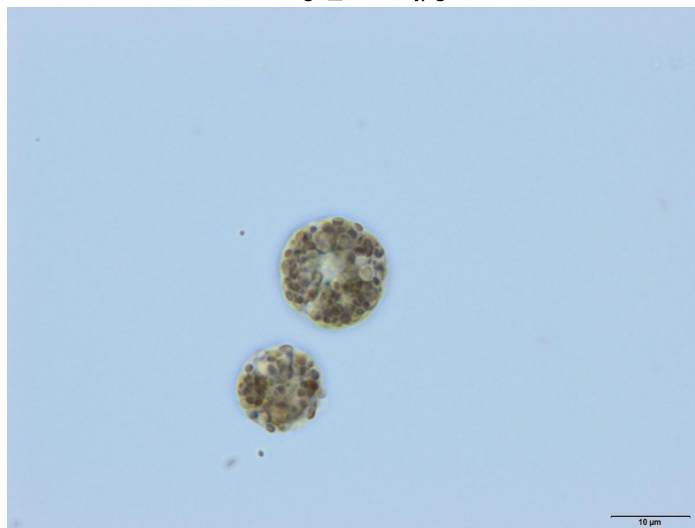
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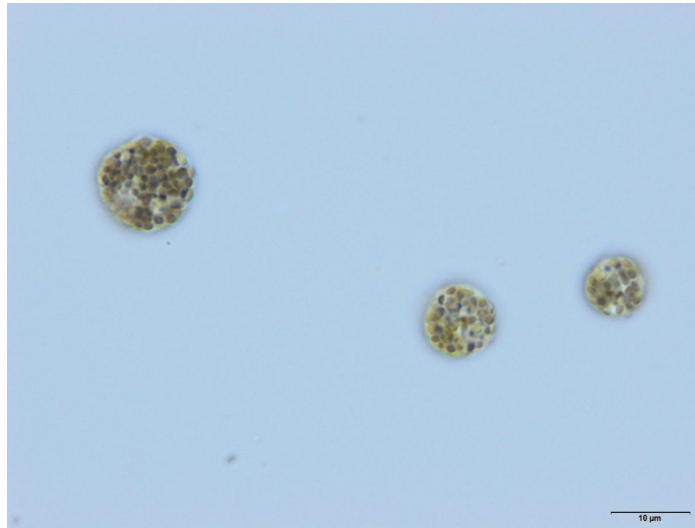
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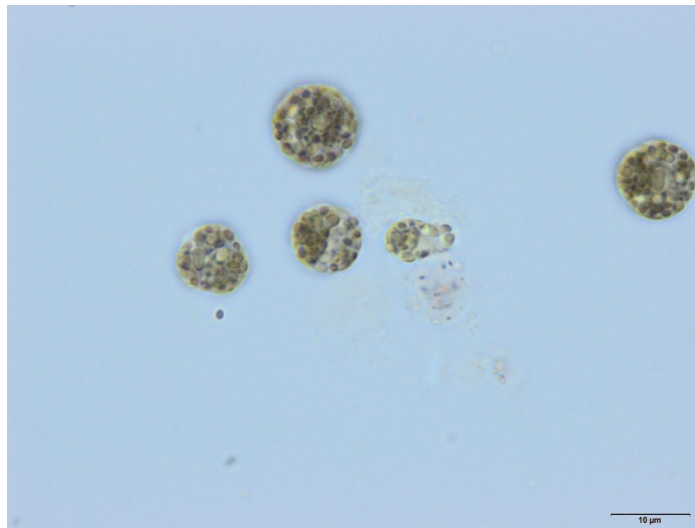
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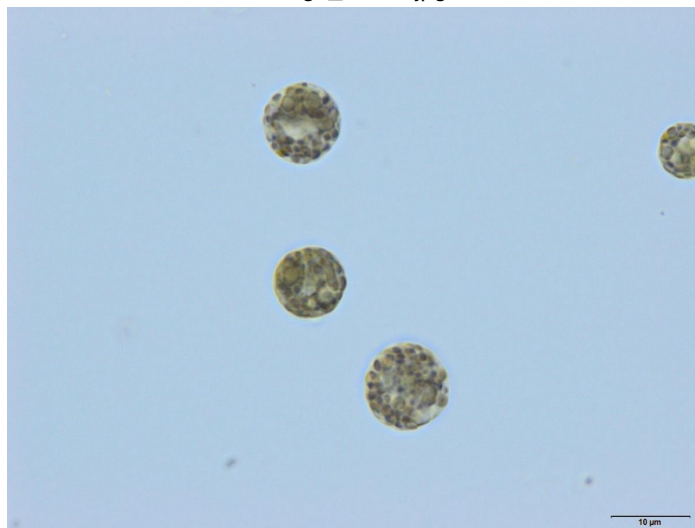
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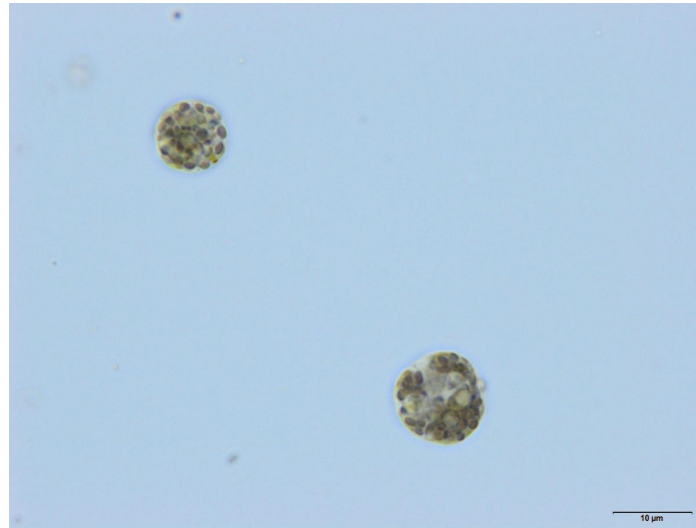
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Image_26597.jpg



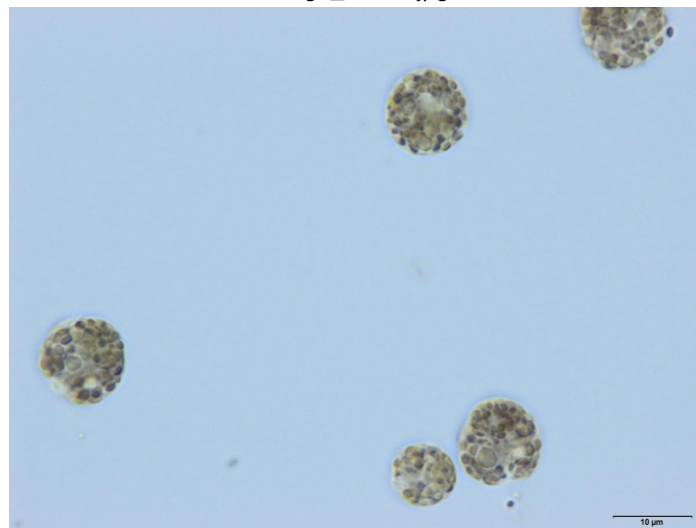
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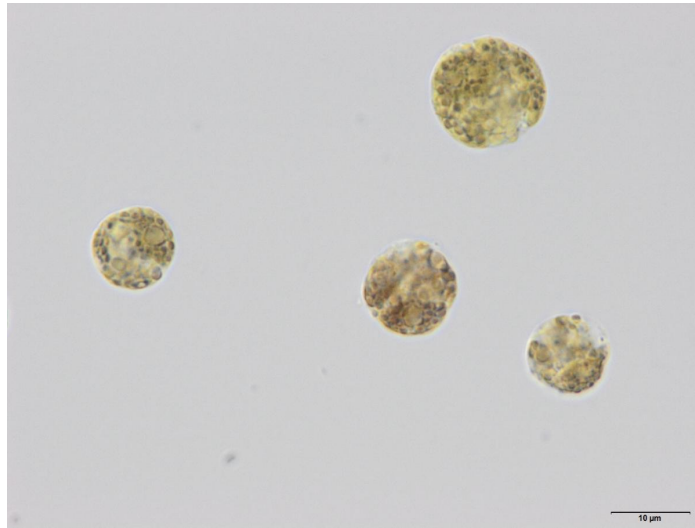


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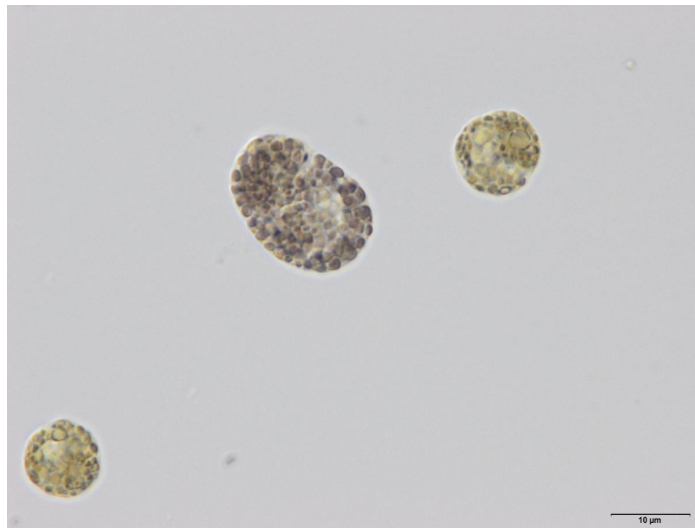


pAR-marLac-3xHA-cyt:

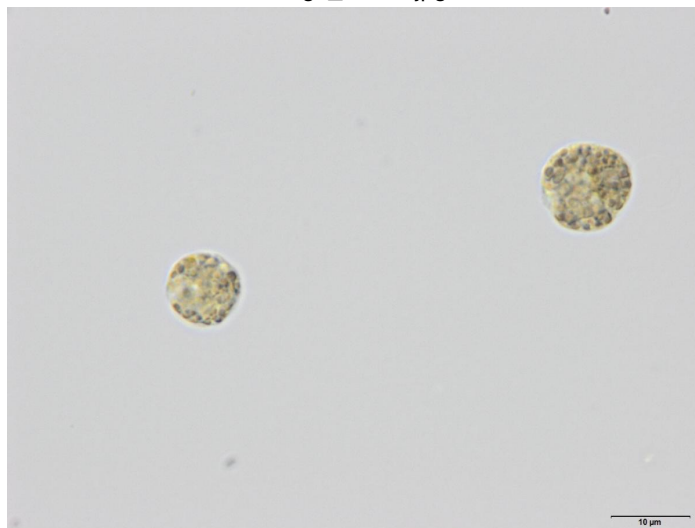
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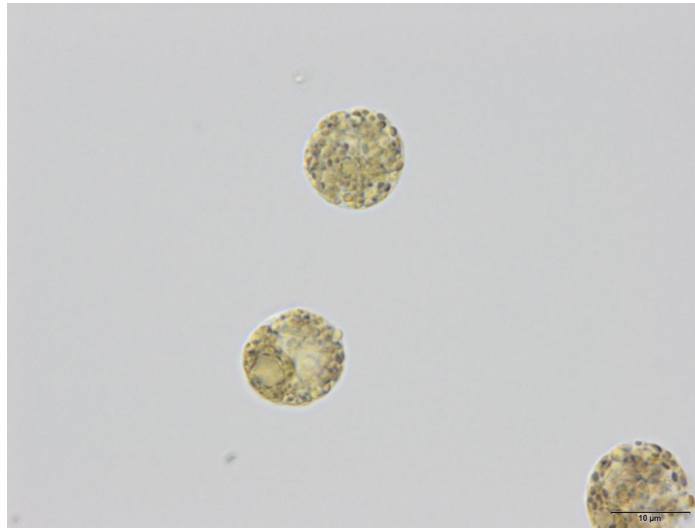
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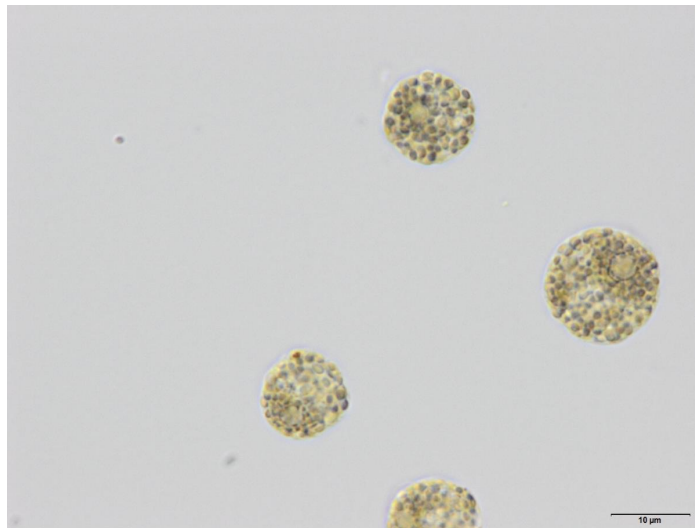
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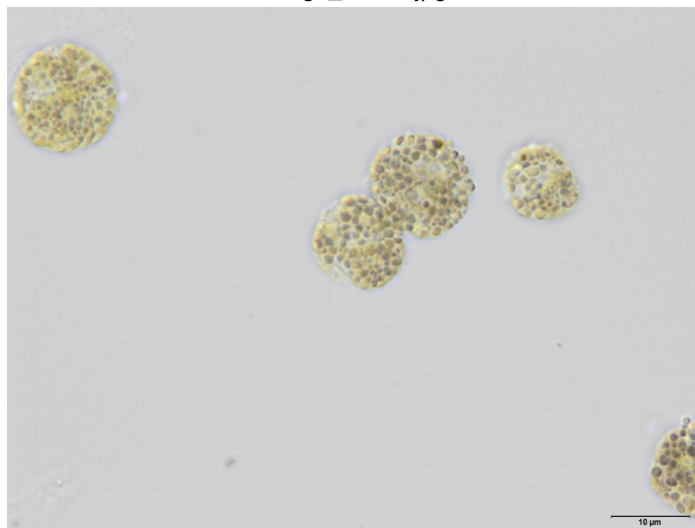
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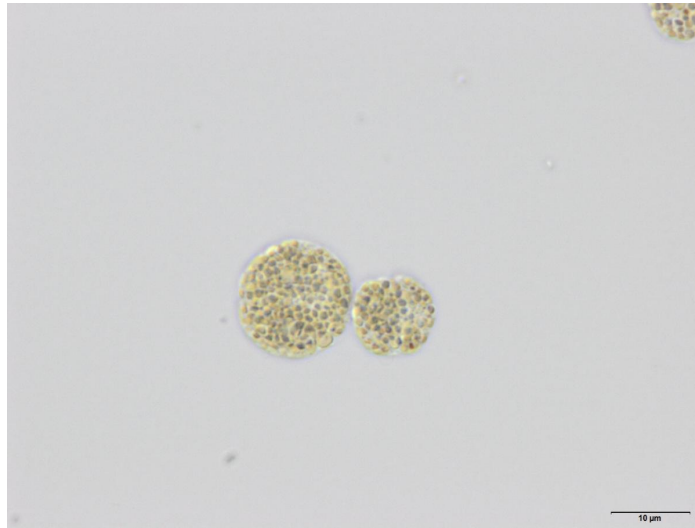
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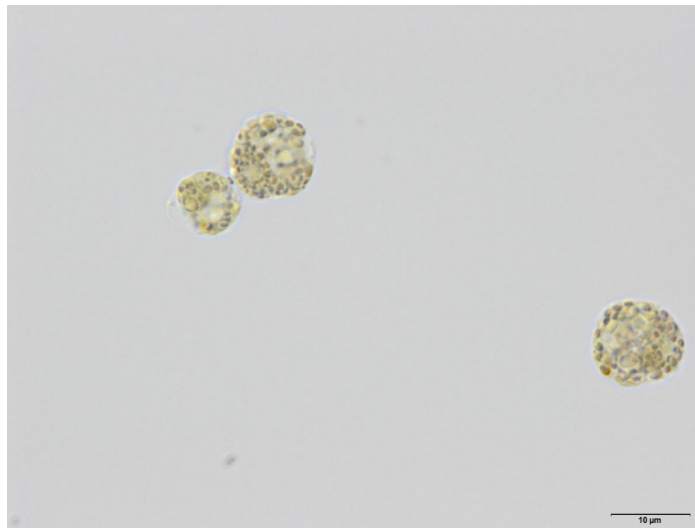
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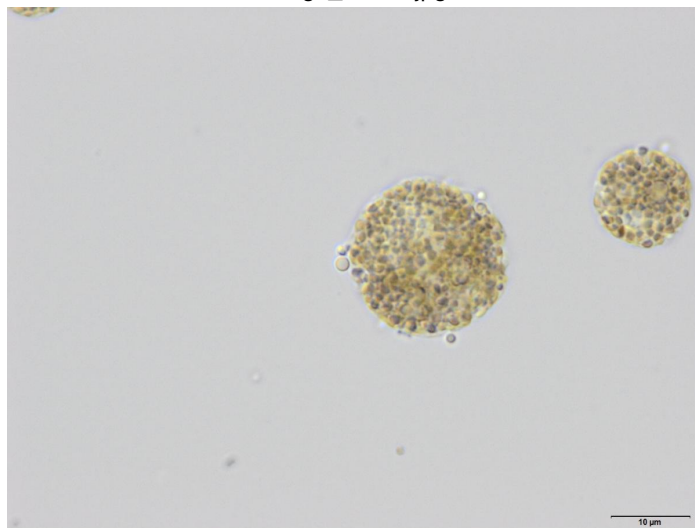
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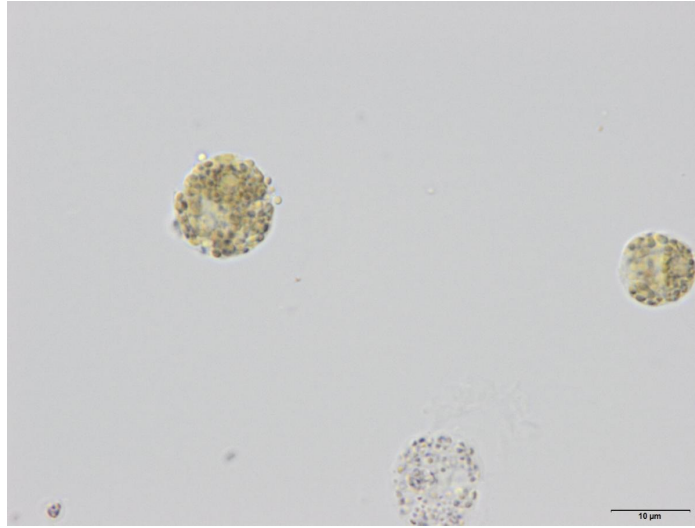
Image_26679.jpg



Image_26680.jpg



Image_26681.jpg



- Transformants show a much higher starch accumulation.

Author: Allyssa Hinkle
Entry 3/3: No entry title yet
In Project: Journal general
No tags associated

created: 20.10.2020 11:19
updated: 27.10.2020 19:54

12.10.2020 – 20.10.2020: Filter Tests

12.10.:

- Press aliquot of culture from BaLac 5 intra with cell density = 5×10^6 cells/ml through FP30/0.2 CA-S Filter
- put one ml on TAP-agar plates (duplicate)
- Performed at RT

15.10.:

- Press aliquot of culture from sALB through filter cell density = 1×10^7 cells/ml through FP30/0.2 CA-S Filter
- put one ml on TAP-agar plates (duplicate)
- Performed at 4 °C

20.10:

- Take pictures:

20201020_120142.jpg

