Brassica Napus Cell Transformation

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* Begun with wild type cells floating in liquid media with no selector hormones.
* Aliquoted ~500µL of liquid media with ~30% of total volume being cell matter from a single parent line of cells into 4 flasks.
* Found that 150mL flasks with ~20mL of growth media covered in fresh foil work best for hosting the cell cultures.
* Allow the cells to grow for 5-7 days in a light and temperature-controlled environment checking to make sure there are no contaminates.
* Cells should have constant motion for those 5-7 days, orbital shakers on low work well for this purpose.
* There was not found to be a difference whether the cells were in a light or dark environment, but some phytohormones used later could be light sensitive.

A picture containing indoor, table, cup, sitting

Description automatically generated A picture containing indoor, ceiling, person, table

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*(after 1 day of growth)*