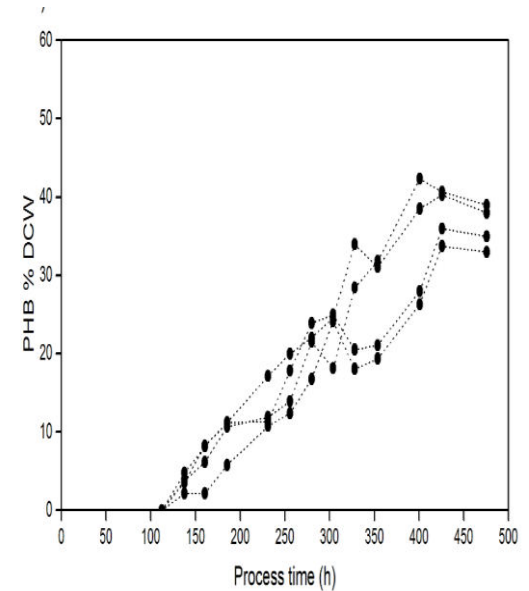
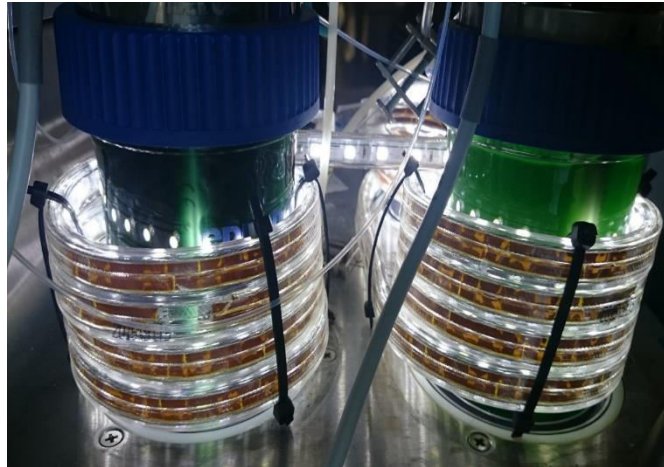
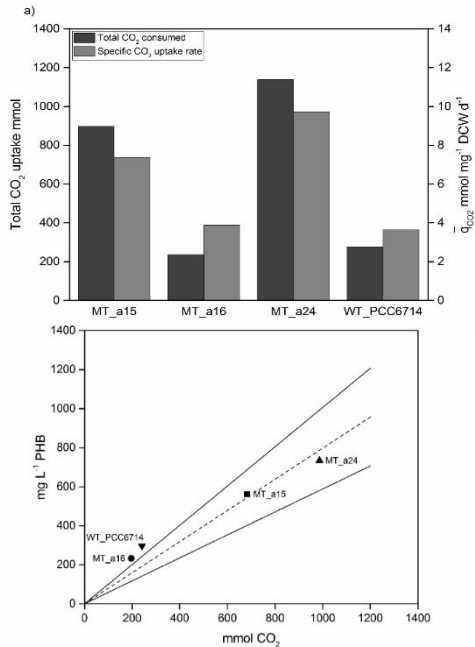


Goal

- Quantitative process development for PHB production from CO₂
- Combine molecular non GMP techniques with sound bioprocess engineering

Approach

- Rational media design
- Quantitative analysis of growth phases under different limitations
- UV mutagenesis



Novelty

- Highest PHB content ever reported
- Promising time space yields
- Patented technology

Outlook

- Targetted product property analysis
- Include targetted GMO modifications