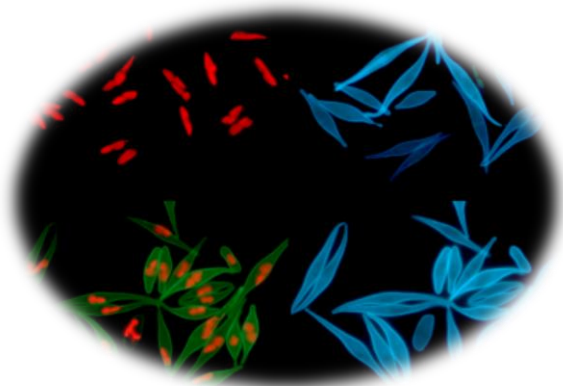
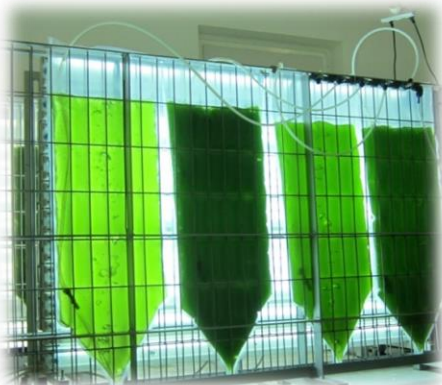




The French Associates Institute for Agriculture and Biotechnology of Drylands,
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Ben-Gurion University of the Negev, Sede-Boqer Campus



- ❑ **Microalgae for high value lipids:** LC-PUFA and carotenoids; Biorefinery;
- ❑ **Metabolic engineering** for enhancing photosynthetic efficiency, valuable traits and stress tolerance;
- ❑ **Wastewater treatment** using novel technologies and highly efficient strains, resilient to environmental hues; Circular bioeconomy;
- ❑ **Microalgae in nutrition:** bulk food/feed ingredients and nutritional supplements;
- ❑ **Bioactive ingredients from microalgae** in biomedical research;
- ❑ **Microalgal-based biofertilizers:** assessing effects of on N and P cycles



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