

CultivO2 is a young start-up that develops a disruptive technology in tissue engineering. Imagine that live tissues could be grown like a plant using light only. Cultivo2 develops a technology that harnesses the power of nature to create an autonomous tissue culture for cultivated meat. The co-culture of photosynthetic microalgae and animal cells merges to create an ecosystem that eventually provides high-quality, nutritious, edible meat tissues. Professor Benny and Dr. Breker from the Hebrew University have joined forces to integrate bioengineering with microalgae genomics, introducing a groundbreaking technology that is the first of its kind.