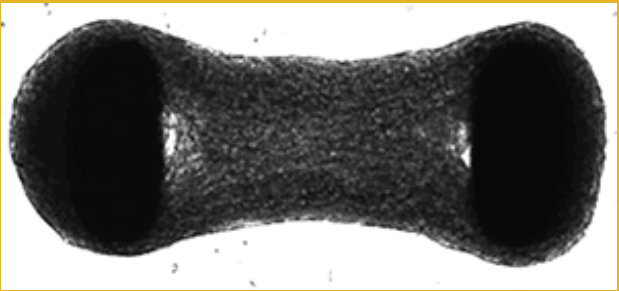
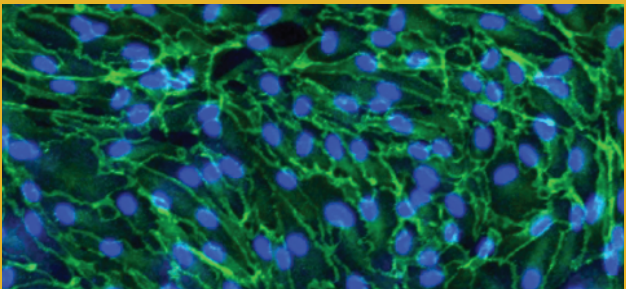


Study new drug candidates with the only vascularized muscle microtissue with the **MUSbit™**.

The MUSbit™, in combination with the COMPLATE™, allows you to obtain a highly predictive model, which takes in consideration the effect of the blood vessels while testing drugs influencing the muscle tissue.



The MUSbit™ allows you to generate muscle microtissues for efficacy, toxicity, testing the effect of drugs on force and rate of contraction.



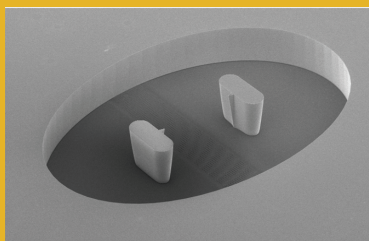
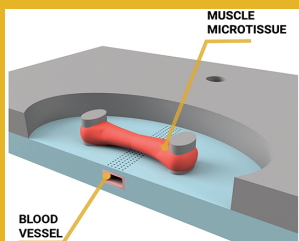
You can combine the 3D muscle microtissue with blood vessels to mimic the physiological vascularization of the tissue and drug administration through the endothelial barrier.

Muscle Modelling Applications

- Develop physiologically relevant cardiovascular or skeletal models by combining the muscle microtissues and perfusable blood vessels.
- Achieve optimal cell maturation by mechanically and electrically stimulating the tissues.
- Understand the effect of new drug candidates on the heart or skeletal muscles.

Inside the MUSbit™

Cardiac/skeletal microtissues are anchored to two pillars. Directly underneath the tissue, a perfusable 3D blood vessel can be recreated in the microfluidic channel.



Interested in the MUSbit™?

Sign up to receive further information about this product and its applications through www.gobiond.com/muscleapplications