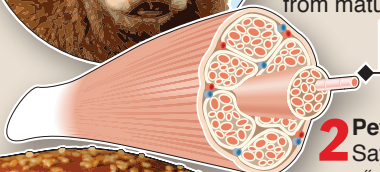
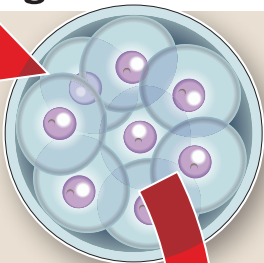


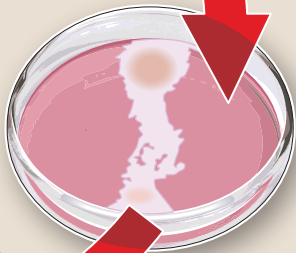
# How “test-tube” meat is grown



**1 Myosatellite cells:**  
Adult stem cells – normally used by body to repair damaged muscle – are extracted from mature animal



**2 Petri dish:**  
Satellite cells are “one way” cells – they can only become muscle cells



**4 Harvesting:**  
About 20,000 tiny cultured muscle strips are needed to produce sufficient mince to make a 140-gram (5-ounce) meat patty



**3 Exercise:**  
For muscle to develop it needs exercise. Anchor points – small pieces of Velcro stuck to petri dish – provide resistance which in turn causes

muscle to grow. Muscle strip reaches 20-30mm in three weeks

