CLAIMS

1. An edible composition comprising:

    a. an edible three-dimensional porous scaffold comprising vegetable protein;

    b. bovine myotubes comprising 10,000-250,000 myotube nuclei per mm^3 of said three-dimensional porous scaffold; and

    c. a plurality of cell types comprising:

    (i) bovine satellite cells (BSC);

    (ii) bovine smooth muscle cells (SMC); and

    (iii) bovine skeletal muscle microvascular endothelial cells (SkMVE), cultured at a ratio of 2:1:1.

2. The composition of claim 1, wherein the vegetable protein is selected from the group consisting of a textured protein and a non-textured protein.

3. The composition of claim 2, wherein said textured protein is textured soy protein.

4. The composition of any one of claims 1 to 3, wherein said three dimensional porous scaffold comprises pores with an average diameter ranging from 20 to 1,000 micrometers.

5. The composition of any one of claims 1 to 4, wherein said three-dimensional porous scaffold further comprises an extracellular matrix.