CLAIMS

1. An edible composition comprising:
    a. an edible three-dimensional porous scaffold;
    b. Non-human-animal myotubes comprising 10,000-250,000 myotube nuclei per mm^3 of said three-dimensional porous scaffold; and
    c. a plurality of non-human-animal cell types selected from the group consisting of: (i) myoblasts or progenitor cells thereof; and at least one of: (ii) at least one type of ECM-secreting cell; or (iii) at least one type of ECM-secreting cell and endothelial cells or progenitor cells thereof, wherein said endothelial cells or progenitor cells thereof comprise less than 15% of said plurality of cells.
2. The composition of claim 1, wherein said plurality of cell types comprises myoblasts or progenitor cells thereof, at least one type of extracellular matrix (ECM)-secreting cells, and endothelial cells or progenitor cells thereof.
3. The composition of claim 1 or 2, wherein said a progenitor cell of a myoblast is a satellite cell.
4. The composition of any one of claims 1 to 3, wherein said plurality of cell types comprises satellite cells, ECM-secreting cells, and endothelial cells.
5. The composition of any one of claims 1 to 4, wherein said ECM-secreting cell is a fibroblast, a progenitor cell thereof, or a combination thereof.
6. The composition of any one of claims 1 to 5, wherein said three-dimensional porous scaffold is selected from the group consisting of: a textured protein, a non-textured protein, and a polysaccharide.
7. The composition of claim 6, wherein said textured protein is textured soy protein.
8. The composition of any one of claims 1 or 7, wherein said three dimensional porous scaffold comprises pores with an average diameter ranging from 20 to 1,000 micrometers.

9. The composition of any one of claims 1 to 8, wherein said plurality of cells are derived from a livestock mammal.

10. The composition of any one of claims 1 to 9, wherein said three-dimensional porous scaffold further comprises an extracellular matrix.