What is claimed is:

1. A method comprising:

introducing an induced pluripotent stem cell (iPSC) into a cell culture medium lacking a three-dimensional matrix, the culture medium comprising: a chemically defined maintenance cell culture medium, and hyaluronic acid in an amount effective to induce the iPSC to differentiate;

transferring the iPSC and culture medium to a cell culture device, the device comprising a non-adherent culture without the use of a three-dimensional matrix;

culturing the iPSC in the cell culture device for at least 1 week; and

producing a three-dimensional multi-tissue organoid comprising cartilage, bone, fibrous connective tissue, or epithelial tissue, or a combination thereof.

2. The method of claim 1, wherein the cell culture medium further comprises one or more of chitosan, fibroblast growth factor, transforming growth factor beta (TGFβ), growth differentiation factor 5 (GDF-5), and bone morphogenetic protein 2 (BMP-2).

3. The method of claim 1, wherein the organoid comprises one or more of an oligodendrocyte, an astrocyte, a polydendrocyte, a neural precursor cell, a neural stem cell, a neural progenitor cell, a neural crest cell, a chondrocyte, a cytokeratin-expressing epithelial cell, a type 1-collagen-expresing cell, an osteocyte, a mesenchymal stem cell, or a skeletal stem cell, or a derivative thereof, or a mixture thereof.

4. The method of claim 1, wherein the cartilage comprises hyaline cartilage.

5. The method of any one of the preceding claims, wherein the organoid comprises bone, fibrous connective tissue, or epithelial tissue, or a combination thereof.

6. The method of claim 1, the method further comprising obtaining the iPSC from a culture plate prior to introducing the iPSC into the culture medium comprising hyaluronic acid.

7. The method of claim 1, wherein the cell culture device comprises a second cell culture medium.

8. The method of claim 7, wherein the second cell culture medium comprises a serum-free cell culture medium.

9. The method of claim 7 or 8, wherein the second cell culture medium comprises a feeder-free cell culture medium.

10. The method of any one of claims 7 to 9, wherein second cell culture medium comprises an iPSC medium.

11. The method of any one of claims 8 to 10, wherein the second cell culture medium comprises a neural medium.

12. The method of any one of claims 8 to 11, wherein the second cell culture medium comprises a neural induction factor, a neural growth factor, or both.

13. The method of claim 1, wherein the cell culture device comprises a bioreactor.

14. The method of claim 1, wherein culturing the iPSC in the cell culture device comprises culturing the iPSC at room temperature.

15. The method of claim 1, wherein culturing the iPSC in the cell culture device comprises culturing the iPSC at 37°C.

16. The method of claim 1, wherein culturing the iPSC in the cell culture device comprises culturing the iPSC in hypoxic conditions.

17. The method of claim 1, the organoid comprising:

a cell expressing glial fibrillary acidic protein (GFAP);

a cell expressing microtubule associated protein 2 (MAP2);

a cell expressing myelin basic protein (MBP)

a cell expressing type 1 collagen (T1Col);
a cell expressing type 2 collagen (T2Col);
a cell expressing aggrecan; or
or a cell expressing cytokeratins,
or a combination thereof.

18. The method of claim 1, the method further comprising dis-aggregating the cells of the organoid to produce a population of individualized cells.

19. The method of claim 18, the method further comprising culturing a cell from the population of individualized cells.

20. The method of claim 1, wherein the method comprises isolating a chondrocyte from the organoid.

21. The method of claim 20, wherein the method comprises forming a chondrocyte aggregate.

22. The method of claim 20 or 21, wherein the method comprises culturing the chondrocyte on an ultra-low attachment surface or in a chondrogenic media, or both.

23. An organoid, a cell of the organoid, a tissue of the organoid, a matrix of the organoid, a chondrocyte derived from the organoid, or a chondrocyte aggregate derived from the organoid generated using the method of claim 1.

24. A method of using the organoid, the cell of the organoid, the tissue of the organoid, the matrix of the organoid, the chondrocyte derived from the organoid, or the chondrocyte aggregate derived from the organoid of claim 23.

25. The method of claim 24, the method comprising using the organoid, the cell of the organoid, the tissue of the organoid, the matrix of the organoid, the chondrocyte, or the chondrocyte aggregate for cartilage repair.

26. Cartilage generated using the method of claim 1.

27. The cartilage of claim 26, wherein the cartilage comprises hyaline cartilage.

28. A method of using the cartilage of claim 26 or claim 27.