EXTRACELLULAR MATRIX COMPOSITIONS

ABSTRACT

Provided herein are placental extracellular matrix (ECM) compositions and methods of making the same. Also provided herein are uses of the placental ECM compositions provided herein. In one aspect, provided herein are extracellular matrix (ECM) compositions prepared using placental tissue, e.g., human placental tissue. In certain embodiments, the ECM compositions provided herein comprise about 30% to about 60% collagen and about 10% to about 35% elastin. In addition, such ECM compositions comprise (i) very low amounts of fibronectin (e.g., less than 0.1% fibronectin), e.g., as measured by ELISA; (ii) no or an undetectable amount of laminin, e.g., as measured by ELISA; and/or no or an undetectable amount of glycosaminoglycans, e.g., as measured by ELISA.

[Figure 1]