

ABSTRACT

CELL MATRIX STIMULATED CELL ATTACHMENT AND HEMIDESMOSOME ASSEMBLY

Particular extracellular matrix proteins are disclosed, together with methods of using those proteins, and shaped articles coated with those proteins, which stimulate cell attachment and hemidesmosome formation in cells grown thereon, endocrine cell precursors grown on the matrix, including fetal pancreatic islet cell precursors, maintain biological function and differentiation.