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(54) Title: HUMAN MÜLLERIAN DUCT-DERIVED EPITHELIAL CELLS AND METHODS OF ISOLATION AND USES THEREOF

(57) Abstract: This invention discloses a substantially pure population of human Müllerian duct-derived epithelial cells and methods of isolating and culturing the Müllerian duct-derived epithelial cells. By carefully manipulating the microenvironment in which the Müllerian duct-derived epithelial cells are grown, multiple passages are attainable wherein the Müllerian duct-derived epithelial cells are capable of becoming uterine, cervical, vaginal, and oviductal cells. In addition, several uses of human Müllerian duct-derived epithelial cells and cells differentiating therefrom are disclosed herein.