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# Decidual Cell

National Cancer Institute

## Source

National Cancer Institute. *Decidual Cell*. NCI Thesaurus. Code C32429.

An endometrial fibroblast that differentiates during pregnancy in response to the implanting embryo by accumulating lipid and glycogen. It is polygonal, possesses a large, vesicular nucleus and is believed to secrete placental prolactin. The decidual cells form a tightly adherent, massive cellular matrix that first surrounds the implanting embryo and later occupies most of the endometrium.