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## The Role of Epidermal Growth Factor Receptor (EGFR) common Gene mutations in Iranian women with uterine fibroids

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### Abstract:

**Objective:** Uterine myomas are benign uterine tumors that originate from smooth muscle cells of the myometrium. This common complication can be associated with irreversible complications, including infertility and malignancy. Better understanding of the genetic characteristics of myoma may effect on treatment. Epidermal growth factor receptor gene (EGFR) is one of the most important genes that has the major role in the pathogenesis of myoma, cell growth, differentiation, proliferation and mutagenesis. The aim of this study was to investigate EGFR common gene mutations in Iranian women with uterine fibroids.

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