



KEY WORDS

- ✓ Östrojen reseptörü
- ✓ Phoeniksin
- ✓ R-Spondin
- ✓ Hipotalamus
- ✓ İmmünohistokimya

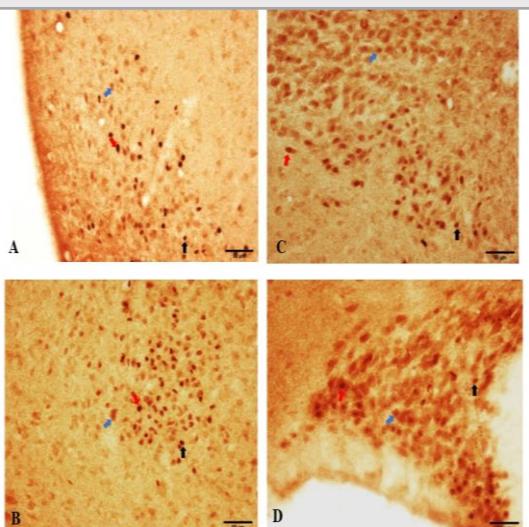
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IMMUNOHISTOCHEMICAL DETERMINATION OF ESTROGEN RECEPTOR EXPRESSION IN ANOREXIGENIC PEPTIDE SYNTHESIZING NEURONS

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THESIS ABSTRACT

This study aimed to determine whether neurons synthesizing anorexigenic peptides express ER- α and/or ER- β receptors to receive peripheral estrogen signals and to determine changes in the amount of receptors according to the amount of estrogen. For this purpose, colocalization of ER- α , ER- β with phoenixin, RSPO-1 and RSPO-3 neurons was investigated using double immunohistochemical technique on floating sections.

APPLICATION AREAS OF THE THESIS RESULTS

There has been pioneering work to understand the effects of estrogen signaling on food intake in the treatment of obesity.

ACADEMIC ACTIVITIES

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