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Role of Tenascin-X in regulating the TGF- β /Smad signaling pathway in the pathogenesis of slow transit constipation

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Abstract

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Another growth factor signaling pathway that has reported to be altered in animal model of diabetes is transforming growth factor (TGF) beta. One recent study investigated the role of bone morphogenetic proteins (BMPs), a molecule involved in TGF beta signaling pathway and gut morphogenesis, in loss of enteric neurons in animal model of diabetes.

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Transforming growth factor- β (TGF- β) superfamily members are multifunctional cell-cell signaling