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Transforming Growth Factor Beta Super Family Signaling in Development of Colorectal Cancer

Barbara Jung, Jonas J. Staudacher, Daniel Beauchamp



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Barbara Jung, Jonas J Staudacher, Daniel Beauchamp

University of Illinois at Chicago

Vanderbilt University

Abstract: Transforming growth factor beta (TGFB) cytokines signal via a complex network of pathways to regulate proliferation, differentiation, adhesion, migration, and other functions in many cell types. A high percentage of colorectal tumors contain mutations that disrupt TGFB family member signaling. We review how TGFB family member signaling is altered during development of colorectal cancer, models of study, interaction of pathways, and potential therapeutic strategies.

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All three authors were involved in conception and editing of this review.

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