ROLE OF WNT-SIGNALING PATHWAY IN EMBRYONIC DEVELOPMENT OF MAMMARY GLAND

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In spite of actual achievements in the field of diagnosis and first steps done in personalized treatment, breast cancer remains one of the most frequent tumors in general structure of morbidity and mortality from malignancies and the first among women, worldwide. According to modern concepts, management of this tumor is strongly based on highlighting of molecular factors that are exerted by the tumor-modified cells. Their identifying makes possible the interference on many intimate intrinsic signaling pathways, which regulate the breast carcinogenesis. Nowadays, a huge body of molecular evidences is discovered from day to day. On one hand, this newly-discovered pathways increase the theoretical interpretation and understanding of what does breast cancer represent but, on the other hand, they contribute to a state of uncertainty in therapeutic decisions.

Wnt, signaling pathway, mammary gland, placodes, molecular factor, antigen, embryogenesis, breast cancer