

Title (en)

MEMBRANE ESTROGEN RECEPTOR-DIRECTED THERAPY IN BREAST CANCER

Title (de)

AUF DEN MEMBRANÖSTROGENREZEPTOR AUSGERICHTETE THERAPIE FÜR BRUSTKREBS

Title (fr)

THERAPIE DIRIGEE SUR LE RECEPTEUR MEMBRANAIRE DES OESTROGENES, DANS LE CANCER DU SEIN

Publication

EP 1261371 A4 20050413 (EN)

Application

EP 01912991 A 20010223

Priority

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Abstract (en)

[origin: WO0162288A1] Methods of diagnosing and treating mammalian tumors with molecules including anti-estrogen receptor immunoglobulin polypeptides are provided. In an illustrative embodiment, anti-estrogen receptor immunoglobulin polypeptides specific to distinct epitopes of the ligand-binding domain of estrogen receptor are contacted with membrane-associated estrogen receptor under conditions which allow binding of the anti-estrogen receptor immunoglobulin polypeptide to a degree sufficient to inhibit tumor growth by inhibiting the activation of the membrane-associated estrogen receptor. Injectable compositions for treating certain mammalian tumors with monoclonal antibodies and methods for diagnosing mammalian cancers which express an estrogen receptor associated with the surface membrane of the cells are also disclosed. Further, alternate methods for blocking intracellular signal transduction emanating from the activation of membrane-associated estrogen receptor forms are also presented. These approaches also appear sufficient to inhibit tumor growth.

IPC 1-7

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IPC 8 full level

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Citation (search report)

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- See references of WO 0162288A1

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