

Title (en)  
GPCRS AS ANGIOGENESIS TARGETS

Title (de)  
GPCRS ALS ANGIOGENESE-TARGETS

Title (fr)  
RÉCEPTEURS GPCR UTILISÉS COMME CIBLES POUR L'ANGIOGENÈSE

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Application  
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Abstract (en)  
[origin: WO2007095353A2] The invention provides methods of modulating angiogenesis by increasing or decreasing expression or function of G-Protein Coupled Receptors (GPCRs) namely Lectomedin-3 (LEC3), Endothelin-1 Receptor (EDNRA) and C-X-C Chemokine Receptor 4 (CXCR-4). The invention also provides methods of inhibiting and promoting GPCR-dependent angiogenesis in vertebrates, particular mammals, including humans, for the treatment of angiogenesis-related diseases. The invention also provides methods of identifying compounds that promote or inhibit angiogenesis through their interaction with LEC3, EDNRA and/or CXCR-4. The invention further provides methods of modulating angiogenesis through the modulation of these GPCRs and VEGF.

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