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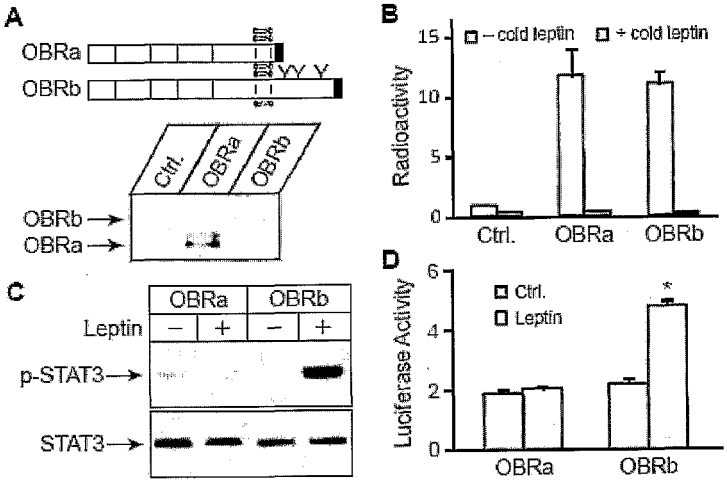
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(54) Title: MODULATORS OF STAT3 SIGNALLING

Figure 1



(57) Abstract: The invention relates to methods for identifying compounds which modulate the interaction between STAT3 and SP1. A peptide is provided which is able to bind STAT3 and interfere with the interaction of STAT3 and SP1. The invention provides methods for identifying compounds which are capable of binding to the peptide and thus release interference with the interaction between STAT3 and SP1, as well as methods for identifying inhibitors and enhancers of the STAT3 SP1 interaction. Compounds identified by the methods of the invention are useful in the repression or stimulation of appetite in a patient, and thus are useful for the treatment of leptin resistance, obesity and anorexia.

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