Diagnosis and Treatment of Epithelial Cancers Using Labeled/Conjugated Progastrin Peptides

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Description:
The current invention provides Progastrin peptides that specifically bind Annexin A2 overexpressed by epithelial cancers. The invention includes isolated homing Progastrin peptides conjugated to an imaging agent and methods of using the same for the diagnosis of epithelial cancers. Also encompassed are Progastrin peptides conjugated to cytotoxic agents such as Camptothecin, Doxorubicin, Paclitaxel and derivatives thereof, and methods of treating epithelial cancer using the same.

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