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Bacon's

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Baylor College of Medicine, Houston, Texas, et al.

Product: TAT-ESX cell-permeable peptide

Use: Treat breast cancer

Researchers published in the *Proceedings of the National Academy of Sciences* that in culture, TAT-ESX down-regulated expression of breast cancer gene HER-2 by interrupting the interaction of cancer-linked proteins DRIP-130, a Ras-linked coactivator, and ESX, an epithelial-restricted HER-2 transcription factor. In addition, TAT-ESX 129-145 completely blocked the growth of 3 HER-2-overexpressing cell lines, whereas a non-HER-2 breast cancer cell line was resistant.