

Technology: [Bone morphogenic protein binding peptide](#)

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Topic: Genomics

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The VA has a joint ownership interest with The Regents of the University of California, the National Institutes of Health and the US Dept of Health and Human Services

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Abstract: A cyclized peptide designated BMP Binding Peptide (BBP) is a synthetic peptide that avidly binds rhBMP-2. BBP increases the overall osteogenic activity of rhBMP-2, increases the rate at which rhBMP-2 induces bone formation, and BBP induces calcification alone. Compositions and substrates including BBP, and methods of using BBP are useful in therapeutic, diagnostic and clinical applications requiring calcification and osteogenesis.