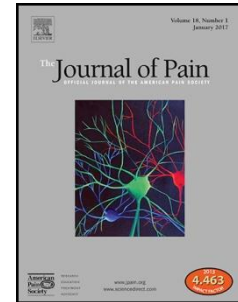


# Accepted Manuscript

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Author: Katie A. Edwards, Joshua J. Havelin, Mary I. McIntosh, Haley A. Ciccone, Kathlene Pangilinan, Ian Imbert, Tally M. Largent-Milnes, Tamara King, Todd W. Vanderah, John M. Streicher



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**Running title:** Kappa Opioids in Cancer Bone Pain

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