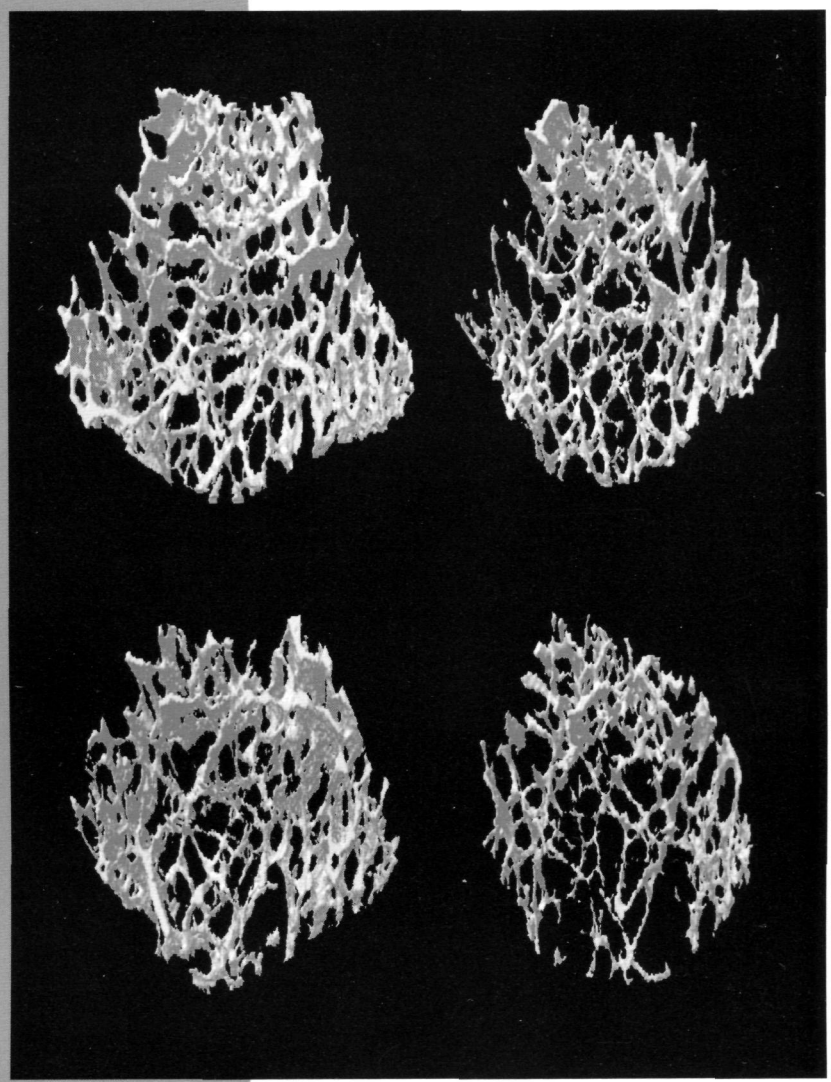

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Cover photograph (Copyright © 2014. American Society for Microbiology. All rights reserved.) Three-dimensional reconstruction of trabecular bone obtained by micro-computed tomography from distal femurs of control $G\alpha_s^{ob+/+}$; $\alpha Nac^{+/+}$, $G\alpha_s^{ob+/-}$; $\alpha Nac^{+/+}$, $G\alpha_s^{ob+/+}$; $\alpha Nac^{+/-}$, and compound $G\alpha_s^{ob+/-}$; $\alpha Nac^{+/-}$ mice. Compound heterozygosity for $G\alpha_s$ and αNAC resulted in reduced bone mass, identifying αNAC as a new effector of PTH-$G\alpha_s$-cyclic AMP-protein kinase A signaling affecting bone mass. (*See related article in May 2014, vol. 34, no. 9, p. 1622.*)