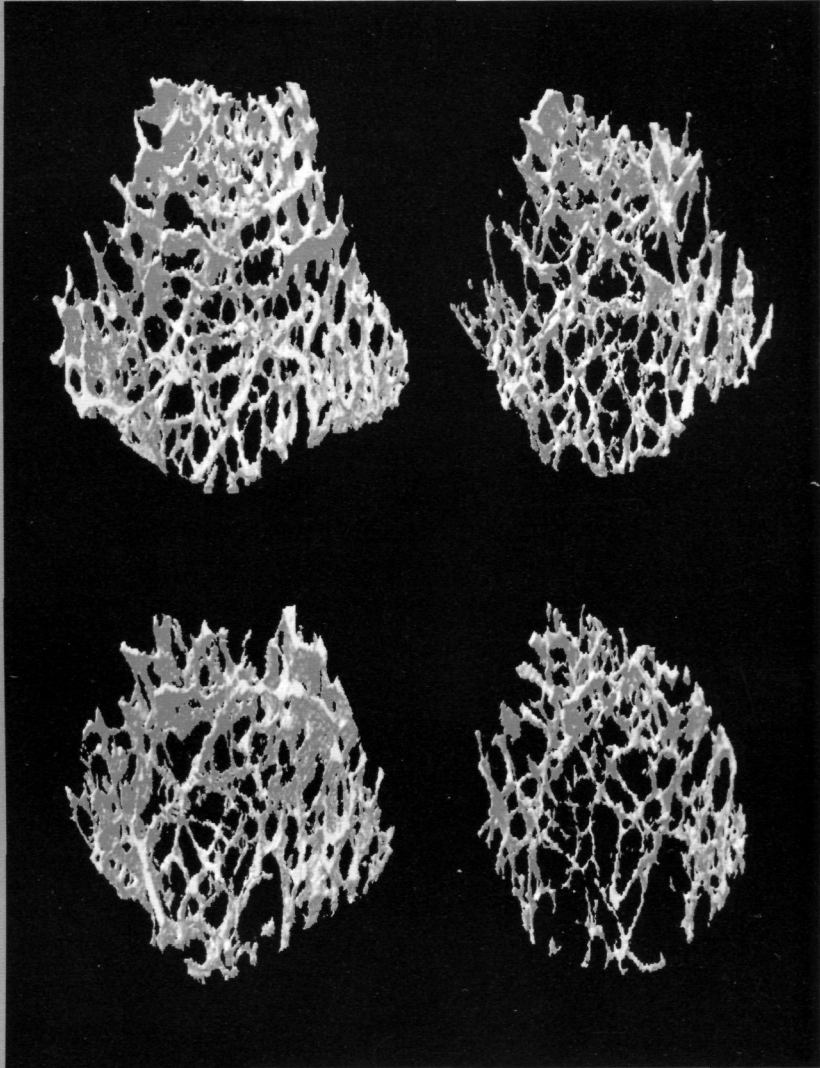


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Gordon P. Meares, Yudong Liu, Rajani Rajbhandari, Hongwei Qin, Susan E. Nozell, James A. Mobley, John A. Corbett, ETTY N. Benveniste 3911–3925

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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  $\alpha NAC$  resulted in reduced bone mass, identifying  $\alpha NAC$  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.)