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Correction: Dietary Energy Balance Modulates Signaling through the Akt/Mammalian Target of Rapamycin Pathways in Multiple Epithelial Tissues

About the Cover

The cover figure depicts proposed mechanisms of action of the promising natural preventive agent deguelin. Previous work has demonstrated that deguelin inhibits the phosphatidylinositol 3-kinase (PI3K)/AKT and nuclear factor kappa B (NF-κB) signaling pathways in regulating gene expression (left side). Now, novel findings reported in this issue of the journal demonstrate that deguelin also regulates the wnt/β-catenin pathway (right side) in ER-negative breast cancer cells. Deguelin inhibited both ER-positive and -negative breast-cancer cell growth, but most strongly in ER-negative cells, causing a cell-cycle blockade and inducing apoptosis. Deguelin joins only a small group of agents shown to inhibit the growth of ER-negative breast cancer cell lines. See articles by Murillo et al. (beginning on page 942) and Rodenberg and Brown (beginning on page 915) for more information.