**Evaluation of Serotonin as a Feedback Inhibitor of Lactation in the Bovine.** By Hernandez et al., page 1834. In vitro and in vivo studies identified serotonin as a possible feedback inhibitor of lactation in the bovine. In vitro studies demonstrated that serotonin reduced expression of both the casein and α-lactalbumin genes in bovine mammary cells stimulated to undergo lactogenesis in culture. Addition of a nonspecific blocker of the serotonin receptor (methysergide) to the culture medium increased expression of both genes. When serotonin was infused in one udder half of lactating dairy cows, milk yield was decreased in both halves. Likewise, methysergide infusion in one udder half increased milk yield in both halves.