Immune Parameters of Dry Cows Fed Mannan Oligosaccharide and Subsequent Transfer of Immunity to Calves. By Franklin et al., page 766. A control diet or the diet plus mannan oligosaccharide was fed to dairy cows during the last 3 wk before calving. Cows were vaccinated against rotavirus, and serum titers of cows were measured as indicators of immune function. Rotavirus titers in serum of calves at 24 h after birth were measured as an indication of the transfer of immunity from dams to calves. Cows supplemented with mannan oligosaccharide had greater rotavirus titers at calving, and calves tended to have greater rotavirus titers at 24 h after birth compared with cows fed the control diet and their calves.