Characterization of *Staphylococcus aureus* Isolates Recovered from Bovine Mastitis in Brazil. By Rabello et al., page 3211. *Staphylococcus aureus* is an important cause of bovine subclinical mastitis, which is responsible for financial losses worldwide. Phenotypic characteristics, antimicrobial susceptibility, and genetic relationships were analyzed in *Staph. aureus* isolates recovered from cows with mastitis in Southeastern Brazil. A predominant phenotypic profile was distributed among 7 of the 9 herds. In addition, other profiles were also observed within a herd. Resistance to ampicillin/penicillin was observed in 55% of isolates but few isolates were resistant to tetracycline and erythromycin. Most of the strains were closely related genetically and were distributed among distinct herds from different cities.