



Cover: It may appear as if two ant colonies are engaged in battle, but all of the ants pictured on the cover are sisters. In this species, *Harpegnathos saltator*, workers compete in elaborate dominance tournaments to determine a reproductive hierarchy. Penick et al. (pp. 1496–1503) show that during these tournaments, dopamine levels link reproductive status with changes in the brain associated with dominance position. The worker at the center (marked with paint) is policed by her sisters, which causes her dopamine levels to rapidly decline along with her dominance standing. Photo credit: Clint Penick.

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- 1496** Neurohormonal changes associated with ritualized combat and the formation of a reproductive hierarchy in the ant *Harpegnathos saltator*
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- 1504** High basal metabolic rate does not elevate oxidative stress during reproduction in laboratory mice
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