



**Cover:** A honeybee, *Apis mellifera*, foraging on a Baja fairy duster (*Calliandra californica*). Tølfsen et al. (pp. 1322-1332) connect the metabolically demanding work of foraging to senescence, demonstrating that honeybee learning performance diminishes when cumulative flight time increases. The brain also changes biochemically as the bee grows chronologically older. However, the majority of changes do not explain learning ability, and functional brain aging is unlikely to be induced by metabolic oxidative stress in bees. Photo credit: Christofer Bang.

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