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This special issue of *Neuron* features a review series on the neurobiology of memory. There are many levels at which one can seek to solve the riddles of memory, and as a consequence memory research has become truly interdisciplinary. It seems clear that an integrative approach will continue to play a key role in progress in the field. With this series, we hope to both highlight some of the recent advances in memory research, as well as provide a scientific context within which to evaluate recent discoveries. It is impossible in a volume of this size to provide a comprehensive review of all of the recent work related to memory. The topics we have chosen for this review series are intended to underscore the wide range of topics and approaches that researchers are using to tackle the many questions of memory.

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