Huntington’s disease is thought to be a result of neuronal dysfunction, but a study from Tong and colleagues now suggests that mutant huntingtin in astrocytes leads to dysregulation of extracellular K+. Excess K+ leads to elevated spiking and potentially to excitotoxicity in striatal projection neurons. On the cover is an artistic rendering of astrocytes in the neuropil by Janet Iwasa. (pp 641 and 694)

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