How do partial agonists elicit partial responses? Now, Eric Gouaux and colleagues combine crystallography with electrophysiology to study this question in the AMPA type of glutamate receptor. They find that partial agonists induce distinct conformational states of the ligand-binding core, thus changing the open probability of discrete subconductance states of the channel. (p 788 and 803)

Stabilizing visual perception during saccadic eye movements (p 877)

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