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Cover picture: Site and mechanism of Cu²⁺ action in BK channels. Putative Cu²⁺-coordinating residues (labeled) from BK channel mSlo1 are mapped onto the voltage sensor structure of a Kv1.2/Kv2.1 chimera (Long et al., 2007), viewed from side (left) and top (right). A gating scheme (center) proposes that Cu²⁺ binding stabilizes the resting voltage sensor (R) (see article by Ma et al., 483–502).