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## COVER PICTURE

The emergence of genetically encoded and EM-compatible tracers has opened a new path for efficiently studying long-range connectivity, molecular identity, and even firing properties with a limited temporal resolution. In particular, genetically encoded dimerized enhanced soybean ascorbate peroxidase-2 (dAPEX2) directed to various subcellular organelles enriched in synapses immediately permits the anterograde labeling of multiple synaptic inputs (Rah and Choi, pp. 84-92).