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The maintenance of a particular redox state ...

... is critical for the proper function of many molecules, including proteins. In their Communication on page 12901 ff., R. T. Raines et al. report that a soluble mixed diselenide can catalyze the efficient relay of electrons from an immobilized dithiol to a protein in an aqueous solution. This system provides a simple means to reduce undesired disulfide bonds as well as to deter oxidative damage. (Graphic by S. B. Johnston and R. T. Raines)



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