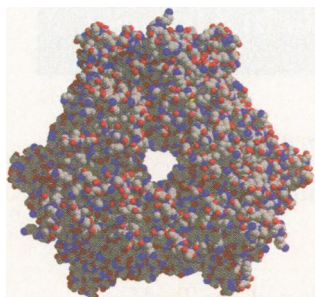


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Diagonally opposed images of carbon monoxide (CO) bound to (upper left) and photodissociated from (lower right) the heme in myoglobin. The orientation of CO was determined with time-resolved polarized infrared spectroscopy. As illustrated schematically, a visible laser

pulse (red) photodissociates the CO from the heme and an infrared pulse (gray), arriving  $10^{-10}$  seconds later, probes the infrared spectrum of CO. See page 962 and the related News story on page 921. [Illustration: M. Lim, T. Jackson, and P. Anfinrud]



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### A Familial Alzheimer's Disease Locus on Chromosome 1

E. Levy-Lahad, E. M. Wijsman, E. Nemens, L. Anderson, K. A. B. Goddard, J. L. Weber, T. D. Bird, G. D. Schellenberg

### Candidate Gene for the Chromosome 1 Familial Alzheimer's Disease Locus

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### Ionic Mechanisms of Neuronal Excitation by Inhibitory GABA<sub>A</sub> Receptors

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### Recurrent Excitation in Neocortical Circuits

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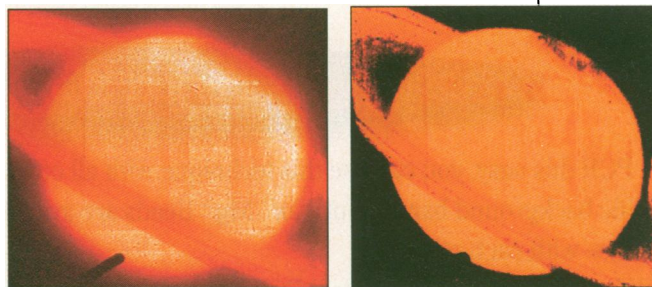
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C. R. Olson and S. N. Gettner

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