



COVER Silicate glasses prepared with the sol-gel process that contain the encapsulated metalloproteins ferricytochrome c and ferrocyanochrome c, copper-zinc superoxide dismutase and its cyanide adduct, and metmyoglobin. For the samples arranged in a circular fashion, the outer circle consists of aged gels and the inner circle of the corresponding xerogels. See page 1113. This issue of *Science* focuses on advances in the design, synthesis, and processing of materials. [Photographs by Louis Meluso]

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