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Crystal structure showing active site of oxidized bovine heart cytochrome c oxidase at a resolution of 2.8 Å. A heme (pink and red) with a copper atom (light blue) nearby is the oxygen binding and reduction site to which electrons are supplied from the other heme and a dinuclear copper center, located 12 and 22 angstroms away, respectively. A magnesium atom (yellow) with a water oxygen (orange) is at the interface between subunits I (green) and II (white). See page 1069 and the related Perspective on page 1083.

RESEARCH ARTICLE

Structures of Metal Sites of Oxidized
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Indicates accompanying feature

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