

## Molecular and Cellular Biology

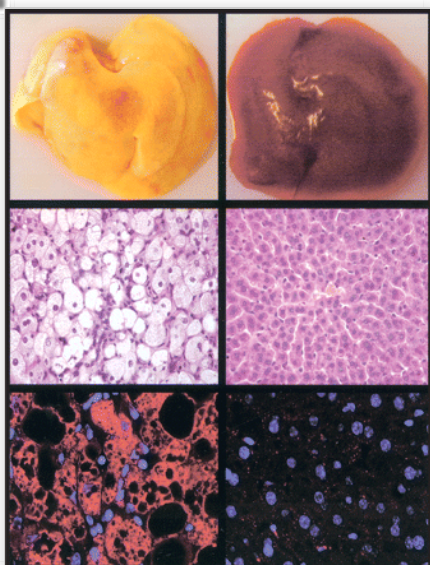
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### Journal Cover & Description

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#### Cover image



*Cover photograph* (Copyright © 2009, American Society for Microbiology. All Rights Reserved.): Hypoxia-inducible factor 2 (HIF-2) regulates lipid metabolism in the liver. Constitutive HIF-2 activation in pVHL-deficient hepatocytes results in lipid accumulation and the development of severe fatty liver disease. Shown are gross photographs of pVHL-deficient (top left) and control (top right) livers. Hematoxylin and eosin staining of paraffin sections shows hepatocytes with micro- and macrovesicular lipid accumulation (middle left) and normal control liver tissue (middle right). Lipid accumulation correlates with increased expression of HIF-regulated lipid droplet binding protein ADFP (red fluorescence, bottom left). Control liver is shown at the bottom right. Nuclei are stained with DAPI (4',6-diamidino-2-phenylindole). (See related article on p. 4527.)

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