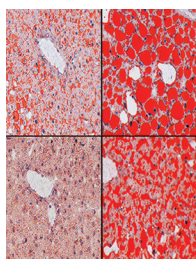




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COVER IMAGE



Cover photograph: Enhanced hepatic metabolic dysfunction with extensive lipid deposition in aged male and female HSF1^{303A/307A} mice compared to C57BL/6J controls (wild type [WT]). Representative liver sections from 18-month-old WT (left) and HSF1^{303A/307A} (right) male (top) and female (bottom) mice maintained on a standard normal diet are shown. Hematoxylin-stained nuclei are in blue, and oil red O-stained hepatocytes are in red. (See related article at e00095-18.) (Copyright © 2018 American Society for Microbiology. All Rights Reserved.)

SPOTLIGHT

Articles of Significant Interest in This Issue

e00381-18

MINIREVIEW

Centromere Biology: Transcription Goes on Stage

e00263-18

Carlos Perea-Resa, Michael D. Blower

RESEARCH ARTICLES

Modulation of Heat Shock Factor 1 Activity through Silencing of Ser303/Ser307 Phosphorylation Supports a Metabolic Program Leading to Age-Related Obesity and Insulin Resistance

e00095-18

*Xiongjie Jin, Aijun Qiao, Demetrius Moskophidis, Nahid F. Mivechi***Dynamic Interaction of Eukaryotic Initiation Factor 4G1 (eIF4G1) with eIF4E and eIF1 Underlies Scanning-Dependent and -Independent Translation**

e00139-18

*Ora Haimov, Urmila Sehrawat, Ana Tamarkin-Ben Harush, Anat Bahat, Anna Uzonyi, Alexander Will, Hiroyuki Hiraishi, Katsura Asano, Rivka Dikstein***Heat Shock Causes a Reversible Increase in RNA Polymerase II Occupancy Downstream of mRNA Genes, Consistent with a Global Loss in Transcriptional Termination**

e00181-18

*Joseph F. Cardiello, James A. Goodrich, Jennifer F. Kugel***Rac1 Nanoscale Organization on the Plasma Membrane Is Driven by Lipid Binding Specificity Encoded in the Membrane Anchor**

e00186-18

*Kelsey N. Maxwell, Yong Zhou, John F. Hancock***Histone Chaperone Asf1 Is Required for the Establishment of Repressive Chromatin in *Schizosaccharomyces pombe* *fbp1* Gene Repression**

e00194-18

Miki Umeda, Chiaki Tsunekawa, Satoshi Senmatsu, Ryuta Asada, Takuya Abe, Kunihiko Ohta, Charles S. Hoffman, Kouji Hirota