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Taphonomic, Avian, and Small-Vertebrate Indicators of Ardipithecus ramidus Habitat
Antoine Louchart et al.
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Macrovertebrate Paleontology and the Pliocene Habitat of Ardipithecus ramidus
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The Ardipithecus ramidus Skull and Its Implications for Hominid Origins
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Paleobiological Implications of the Ardipithecus ramidus Dentition
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RESEARCH ARTICLE: Hippo Pathway–Dependent and –Independent Roles of RASSF6
M. Ikeda et al.
RASSF6 is both an inhibitor and a promoter of apoptosis, and its proapoptotic activity is regulated by the mammalian kinase MST2, a Hippo homolog.

PERSPECTIVE: Sending ROS on a Bullet Train
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Hydrogen peroxide is an auto-propagating, rapid systemic stress signal generated by RBOHD in Arabidopsis.

PERSPECTIVE: STAT3 Revs Up the Powerhouse
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The transcription factor STAT3 stimulates mitochondria to augment Ras-dependent oncogenic transformation.

REVIEW: Transduction of Redox Signaling by Electrophile–Protein Reactions
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Attachment of electrophilic products of redox reactions to proteins links cell function to changes in metabolic and inflammatory status.

SPECIAL FEATURE: Ardipithecus ramidus
The entire contents of this week’s special section, online—plus special video and podcast features. Find it all at www.sciencemag.org/ardipithecus/.

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Taken for Granted: Is a New Model Needed for Breakthrough Science?
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Traditional PI-centered research cannot solve the big problems, a lab leader asserts.

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