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Image: Philipp Keller, Lazaro Centanin, Annette Schmidt/EMBL

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Optical Images of an Exosolar Planet 25 Light-Years from Earth
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Images from the Hubble Space Telescope reveal a Jupiter-sized planet, perhaps with a surrounding dust disk, orbiting about 115 astronomical units from a nearby main sequence star.
10.1126/science.1166609

Direct Imaging of Multiple Planets Orbiting the Star HR 8799
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10.1126/science.1166585

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10.1126/science.1165395

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10.1126/science.1165322

Kinetics of Individual Nucleation Events Observed in Nanoscale Vapor-Liquid-Solid Growth
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Spectroscopic Tracking of Structural Evolution in Ultrafast Stilbene Photoisomerization
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Birds and reptiles make hair proteins, just like mammals do.

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A migrating bird rests half of its brain while the other half remains alert.

Conflict of interest: A big career gamble.

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Conflicts of Interest and Physician-Scientists
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A Career Niche at the Interface of Academe and Industry
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Spanish biologist David Ráfols used his technology and industry experience to create his open-innovation company.

Learning to Let Go While Trusting Your Data
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New investigators must take responsibility for the integrity of their lab’s data, even as direct control over that data declines.

From the Archives: Do You Really Want Your Name on That Paper?
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Science Careers looks at the ethics of authorship, responsibility, and keeping careful records in the lab.

A Wnt pathway interaction.

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RESEARCH ARTICLE: Cripto Localizes Nodal at the Limiting Membrane of Early Endosomes
Cripto facilitates ALK4 signaling by attenuating intraendosomal sorting of internalized Nodal.

RESEARCH ARTICLE: New Regulators of Wnt/β-Catenin Signaling Revealed by Integrative Molecular Screening
Integration of protein-protein interaction networks and human genome-wide RNAi screens produces mechanistic insight into Wnt/β-catenin signaling.

PODCAST
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E-LETTER: Calcium-Sensing Receptor Function in the Skeleton—Alternative Interpretations
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E-LETTER: Response to Quarles and Pi
A letters exchange debates an alternative interpretation of the observations recently presented by Chang et al. (Sci. Signal. 1 (35), ra1).