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Corals such as this 150-million-year-old colony of Thecosmilia trichotoma (with oyster Actinostreon attached) from southern Germany formed reefs during most of the Phanerozoic eon. These reefs harbored tremendous biodiversity that was subsequently exported to non-reef habitats. See page 196.

Photo: Antje Dittmann and Carola Radke/Museum für Naturkunde, Berlin

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Incident sunlight probably caused this asteroid to spin, which redistributed its mass and smoothed its surface.

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Biotechnology offers concrete hope for biomedical innovation.

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MicroRNAs may serve as prime targets for new life-saving therapies for patients with liver disease.

RESEARCH ARTICLE: Modeling an Anti-Amyloid Combination Therapy for Alzheimer’s Disease
V. W. Chow et al.
Simultaneous reduction of two enzymes involved in Alzheimer’s disease ameliorates symptoms in aged mice.

RESEARCH ARTICLE: Elafin Is a Biomarker of Graft Versus Host Disease of the Skin
S. Paceszny et al.
Plasma elafin levels correlate with graft versus host disease of the skin and long-term survival.

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