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Image: Yamato Yoshida, Haruko Kuroiwa, Tsuneyoshi Kuroiwa/Research Information Center for Extremophile, Rikkyo University, Tokyo, Japan

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Tracking Hydrocarbon Plume Transport and Biodegradation at Deepwater Horizon
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Full text at www.sciencemag.org/cgi/content/full/329/5994/902-a

Response to Comment on “The Silicate-Mediated Formose Reaction: Bottom-Up Synthesis of Sugar Silicates”
J. B. Lambert et al.
Full text at www.sciencemag.org/cgi/content/full/329/5994/902-b

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RESEARCH ARTICLE: Arginine Usage in Mycobacteria-Infected Macrophages Depends on Autocrine-Paracrine Cytokine Signaling
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PERSPECTIVE: Arginine—Master and Commander in Innate Immune Responses
S. M. Morris Jr.
in addition to acting as an enzyme substrate, arginine functions as a regulatory molecule in immune cells.

REVIEW: Phosphoinositide 3-Kinase Signaling in Thymocytes—The Need for Stringent Control
E. Fayard et al.
PI3K signaling is important in the development of normal and malignant thymocytes.

GLOSSARY
Find out what AER, AGC, and COS mean in the world of cell signaling.

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Tooling Up: A Job-Search Plan for the Person Without One (Part One)
D. Jensen
A fruitful job search takes preparation, careful consideration, and networking.

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T. A. Petrie et al.
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