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Origin Recognition Complex (ORC) in Transcriptional Silencing and DNA Replication in S. cerevisiae
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Yeast Origin Recognition Complex Functions in Transcription Silencing and DNA Replication
S. P. Bell, R. Kobayashi, B. Stillman

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Model of the protein lysin superimposed on the shells of a red abalone. To fertilize the egg, the abalone spermatozoon must disrupt the protective vitelline envelope. Lysin binds to the filamentous glycoproteins that form the envelope and create a hole by means of a nonenzymatic process. The lysin-glycoprotein association also contributes to the species recognition between sperm and egg. See page 1864. [Cover design: Peggy Myer. Digital photography: Bob Turner. Molecular model: Mike Pique]

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**REPORTS**

Evidence Suggesting Superconductivity at 250 K in a Sequentially Deposited Cuprate Film

The Transition State of the F + H2 Reaction

Nitrogen-15 and Oxygen-18 Characteristics of Nitrous Oxide: A Global Perspective
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Superheating Effects on Metal-Silicate Partitioning of Siderophile Elements
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The Crystal Structure of Lysin, a Fertilization Protein
A. Shaw, D. E. McRee, V. D. Vacquier, C. D. Stout

A Functional Recombinant Myosin II Lacking a Regulatory Light Chain-Binding Site
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Isolation of ORC6, a Component of the Yeast Origin Recognition Complex by a One-Hybrid System
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Sharing of the Interleukin-2 (IL-2) Receptor γ Chain Between Receptors for IL-2 and IL-4
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Interleukin-2 Receptor γ Chain: A Functional Component of the Interleukin-7 Receptor

Interleukin-2 Receptor γ Chain: A Functional Component of the Interleukin-4 Receptor

Active Oxygen Species in the Induction of Plant Systemic Acquired Resistance by Salicylic Acid
Z. Chen, H. Silva, D. F. Klessig

Functional Requirement of a Site-Specific Ribose Methylation in Ribosomal RNA
K. Sirum-Connolly and T. L. Mason

Inhibition of Transcriptional Regulator Yin-Yang-1 by Association with c-Myc
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B. Jagadeesh, H. S. Wheat, D. Ferster

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1818, 1874, 1877 & 1880
Common subunit for interleukin receptors