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American chestnut trees in the Great Smoky Mountains, North Carolina, before a blight epidemic that destroyed several billion mature trees when the Asian fungus *Cryphonectria parasitica* was unintentionally introduced early this century. The cloning of an endogenous virus that infects the fungus provides the potential for effective biological control of chestnut blight and the restoration of this once valuable forest tree. See page 800. [Photograph: Museum of North Idaho]

Analysis of the *Escherichia coli* Genome: DNA Sequence of the Region from 84.5 to 86.5 Minutes

D. L. Daniels, G. Plunkett III, V. Burland, F. R. Blattner

The Skeletal Muscle Chloride Channel in Dominant and Recessive Human Myotonia


Hypovirulence of Chestnut Blight Fungus Conferred by an Infectious Viral cDNA

G. H. Choi and D. L. Nuss

Identification of a Protein That Binds to the SH3 Region of Abl and Is Similar to Bcr and GAP-rho

P. Ciccheri, B. J. Mayer, G. Thiel, D. Baltimore

Selective Role of N-Type Calcium Channels in Neuronal Migration

H. Komuro and P. Rakic

Interferon-Dependent Tyrosine Phosphorylation of a Latent Cytoplasmic Transcription Factor

C. Schindler, K. Shuai, V. R. Prezioso, J. E. Darnell, Jr.

Activation of Transcription Factors by Interferon-alpha in a Cell-Free System

M. David and A. C. Larner

IP$_3$ Receptor: Localization to Plasma Membrane of T Cells and Cocapping with the T Cell Receptor

A. A. Khan, J. P. Steiner, M. G. Klein, M. F. Schneider, S. H. Snyder

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Indicates accompanying feature
Editor's Summary

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