AIDS vaccine inquiry

Nuclear pore complexes

NSF: Being Blown Off Course?
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Army Investigates Researcher’s Report of Clinical Trial Data

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FDA Sets Out to Hire 600—and Image Is a Problem

How Scary Things Get That Way
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What Kind of a Galaxy Is This, Anyway?

Membrane Fusion
J. M. White

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Transport of Proteins Across the Endoplasmic Reticulum Membrane
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Transport Proteins in Bacteria: Common Themes in Their Design
H. N. Mikado and M. H. Sier, Jr.

Race Quickens for Non-Stick Blood Monitoring Technology

Neem Chemical: The Pieces Fall in Place

Cellular Membranes

Eastern Scientists Flood Grants Program

Eurosientists Grumble Over Gene Laws

Putting Aesthetics Back into Biology

Math Leaders Quash NSF Funding Scheme

Things Are Tough All Over: Biotech by the Bay

Chaos Games Yield DNA Portraiture

Is Anyone Out There?, reviewed by R. N. Bracewell

Frontiers of High-Pressure Research, W. L. Vos

Other Books of Interest

Vignettes: Styles of Mentation

Files: 600-and Image Is a

Science, November 6, 1992
Illustration of a plasma membrane and the interior of a cell. Secretory vesicles containing proteins bud from the Golgi apparatus in the interior of the cell and fuse with the plasma membrane; transport vesicles bud from the rough endoplasmic reticulum (with associated ribosomes shown as orange dots) and fuse with the Golgi apparatus. The central role of the cellular membrane in diverse aspects of cell biology is the focus of this year's Frontiers in Biology issue. See the Editorial and the special section of Articles beginning on page 917. [Illustration: Tomo Narashima, New York]
Editor's Summary

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