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Polarized light micrograph of asters (systems of microtubules emanating from centrosomes; these microtubules contribute to the mitotic spindle during cell division) in cytoplasmic lysates prepared from oocytes of the Atlantic surf clam, *Spisula solidissima*. A method of duplicating centrioles outside of the confines of the cell has now been developed. See page 219. [Photomicrograph by Robert E. Palazzo]

### RESEARCH ARTICLE

**Lambda Int Protein Bridges Between Higher Order Complexes at Two Distant Chromosomal Loci attL and attR**

S. Kim and A. Landy

**Chromosome Size-Dependent Control of Meiotic Recombination**

D. B. Kaback, V. Guacci, D. Barber, J. W. Mahon

**Functional Complementation of Yeast ste6 by a Mammalian Multidrug Resistance mdr Gene**

M. Raymond, P. Gros, M. Whiteway, D. Y. Thomas

**Specific Binding of Chromosomal Protein HMG1 to DNA Damaged by the Anticancer Drug Cisplatin**

P. M. Pil and J. S. Lippard

**Positive Control of Pre-mRNA Splicing in Vitro**

M. Tian and T. Maniatis

**Body-Wall Muscle Formation in *Caenorhabditis elegans* Embryos That Lack the MyoD Homolog *hkh-1***

L. Chen, M. Krause, B. Draper, H. Weintraub, A. Fire

**Lithium-Sensitive Production of Inositol Phosphates During Amphibian Embryonic Mesoderm Induction**

J. A. Maslanski, L. Leshko, W. B. Buse

**Diacylglycerol-Stimulated Formation of **

**Actin Nucleation Sites at Plasma Membranes**

A. Shaffir and E. J. Luna

### TECHNICAL COMMENTS

**Thermal Equilibration During Cavitation**


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**Indicates accompanying News story or Perspective**