This Week in Science

Editorial

9 Industrial Interactions with Universities

Letters


ScienceScope

19 Material wealth for material science; mapping brain biology; etc.

News & Comment


Research News

24 Calmer Waters at Primate Institute?

25 SSC's Forlorn Quest for Foreign Partners

26 The Greening of the Green Revolution

Perspective

67 Spiral Waves in Chemistry and Biology: I. R. EPSTEIN

Articles

68 Deep-Focus Earthquakes and Recycling of Water into the Earth's Mantle: C. MEADE AND R. JEANLOZ

73 Tests of Time-Reversal Invariance in Atoms, Molecules, and the Neutron: L. R. HUNTER

80 Plant Lipids: Metabolism, Mutants, and Membranes: C. SOMERVILLE AND J. BROWSE

Research Article

Spiral calcium wavefronts in a *Xenopus laevis* oocyte expressing muscarinic acetylcholine receptors observed by confocal microscopy. This spatiotemporal pattern of calcium activity (normal projection of five images collected over 10 seconds) is characteristic of a regenerative excitable medium and suggests that the calcium-mobilizing machinery behaves as such. See page 123. [Image by J. Leichleiter and co-workers]