This Week in Science

Editorial

Space Science: Past and Future

Letters


News & Comment


Research News

California's Quakes Forecasted ■ The Prediction Record So Far ■ The Biological Tangle of Drug Addiction ■ Drug Reward in the Brain ■ Seeing All There Is to See in the Universe ■ Human Gene Therapy Test ■ Random Samples: Science by Committee ■ Love Story ■ Fiddling Around the Lab

Articles


Research Articles

Numerical Evidence That the Motion of Pluto Is Chaotic: G. J. Sussman and J. Wisdom

Reports

An egg of the frog, *Xenopus*, previously injected with messenger RNA for the M1 muscarinic acetylcholine receptor, undergoing cortical contraction after exposure to acetylcholine. Application of acetylcholine after introduction of the receptor into the egg membrane initiates this and other responses similar to those normally initiated by sperm (*×110*). See page 464. [Douglas Kline, University of Connecticut Health Center, Farmington, CT 06032]