NEWS & COMMENT

Japan Holds Firm to Shaky Science 1656
Hopes Fade for Earthquake Prediction

Electromagnetic Fields: Breast Cancer 1658
Link Claimed, Criticized

Bonn Trades Bureaucrats for Scientists 1659

Bolivian Quake Deepens a Mystery 1659

AIDS Vaccines: Will Media Reports 1660
KO Upcoming Real-Life Trials?

New Soil Erosion Model Erodes 1661
Farmers' Patience

Science in Canada: Report Condemns 1662
Pressure to Publish

RESEARCH NEWS

Mouse Model Found for ALS 1663

Canine Distemper Virus: Serengeti's 1664
Big Cats Going to the Dogs

Flesh-Eating Bacteria: Not New, But 1665
Still Worrisome

DEPARTMENTS

THIS WEEK IN SCIENCE 1645

EDITORIAL
Genetics and Behavior 1647
T. N. Wiesel

LETTERS
NIH R&D Priorities: H. Varmus 1649
• Risks in Using Transgenic Plants?: R. Hull; M. Gibbs; G. Bruening and
B. W. Falk • NIST: What's in a Name?: R. M. White • Fire Ant Control: D. F. Williams
and S. D. Porter; C. C. Mann

SCIENCESCOPE 1655

GENES & BEHAVIOR
NEWS REPORTS
Behavioral Genetics in Transition 1686
From Fruit Flies, Rats, Mice: 1690
Evidence of Genetic Influence
A New Tool for Examining Multigenic Traits

Highs and Lows on the 1693
Research Roller Coaster

A Cautionary Genetic Tale: 1696
The Sobering Story of D2

Additional Readings 1697

PERSPECTIVES
The Mind of a Worm 1698
J. H. Thomas

DEPARTMENTS

THIS WEEK IN SCIENCE 1645

EDITORIAL
Genetics and Behavior 1647
T. N. Wiesel

LETTERS
NIH R&D Priorities: H. Varmus 1649
• Risks in Using Transgenic Plants?: R. Hull; M. Gibbs; G. Bruening and
B. W. Falk • NIST: What's in a Name?: R. M. White • Fire Ant Control: D. F. Williams
and S. D. Porter; C. C. Mann

SCIENCESCOPE 1655
The Clock mutant mouse has an abnormally long circadian period, which causes rhythmic behaviors—such as locomotor activity—to cycle every 27 to 28 hours instead of the usual 24. The generation of this behavioral mutation in Clock and other advances in the behavioral genetics of humans and animals are discussed in this special issue on Genes & Behavior. See the special section beginning on page 1685. [Photo: Dewey Hentges, Chicago, IL]