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Waves of spontaneous neural activity create domains in the developing mammalian retina. Activity was detected in the retinal ganglion cell layer of a newborn ferret by fluorescence imaging with a calcium indicator. The gray background is a fluorescence image of a P2 retina. The colors correspond to six consecutive waves that occurred during 1 minute of imaging, and the intensity indicates the direction of propagation (dark to light). See page 1182. [Image: M. B. Feller, D. P. Wells, D. Stellwagen, F. S. Werblin, and C. J. Shatz]

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**The Whole Structure of the** 13-Subunit Oxidized Cytochrome c Oxidase at 2.8 Å


**Direct Regulation of ZAP-70 by SHP-1**


**Entorhinal-Hippocampal Interactions Revealed by Real-Time Imaging**


**Requirement for Cholinergic Synaptic Transmission in the Propagation of Spontaneous Retinal Waves**

M. B. Feller, D. P. Wells, D. Stellwagen, F. S. Werblin, C. J. Shatz

**Polyclonal Origin of Colonic Adenomas in an XO/XY Patient with FAP**


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**X Chromosome Dosage Compensation in Drosophila**

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**SCIENCE** (ISSN 0036-8075) is published weekly on Friday, except the last week in December, by the American Association for the Advancement of Science, 1330 New York Avenue, NW, Washington, DC 20005. Second-class postage (publication No. 484460) paid at Washington, DC, and additional mailing offices. Copyright © 1996 by the American Association for the Advancement of Science. The title SCIENCE is a registered trademark of the AAAS. Domestic individual membership and subscription (51 issues): $102 (55 allocated to subscription). Domestic institutional subscription (51 issues): $250. Foreign postage extra; Mexico, Caribbean (surface mail): $55; other countries (air assist delivery) $90. First class, airmail, student, and emeritus rates on request. Canadian rates with GST available upon request. GST #125481122. Printed in the U.S.A.

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