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**SCIENCE** is published weekly on Friday, except the last week in December, and with an extra issue in March by the American Association for the Advancement of Science, 1333 H Street, NW, Washington, DC 20005. Second-class postage (publication No. 484460) paid at Washington, DC, and at an additional entry. Now combined with The Sciences Monographs Copyright © 1989 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): $75. Domestic institutional subscription (51 issues): $120. Foreign postage extra: Canada $46, other (surface mail) $46, air mail via Amsterdam $85. First class, airmail, school-year, and student rates on request. Single copy sales: Current issue, $3.50; back issues, $5.00; Biotechnology issue, $6.00 (for postage and handling, add per copy $0.50 U.S., $1.00 all foreign); Guide to Biotechnology Products and Instruments, $18 (for postage and handling add per copy $1.00 U.S., $1.50 Canada, $2.00 other foreign). Bulk rates on request. Authorization to photocopy material for internal or personal use under conditions not falling within the fair use provisions of the Copyright Act is granted by AAAS to libraries and other users registered with the Copyright Clearance Center (CCC) Transactional Reporting Service, provided that the base fee of $1 per copy plus $0.10 per page is paid directly to CCC, 222 Congress Street, Salem, Massachusetts 01970. The identification code for Science is 0036-8075/83 $1 + 10. Change of address: allow 6 weeks, giving old and new addresses and 11-digit account number. Postmaster: Send Form 3579 to Science, P.O. Box 1722, Riverton, NJ 08077. Science is indexed in the Reader's Guide to Periodical Literature and in several specialized indexes.

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Chimeric mice derived from embryonic stem cells and progeny carrying a targeted gene disruption at the c-abl locus. The agouti coat color is contributed by the embryonic stem cells. Three male chimeras of different host genetic backgrounds, CD-1, C57BL/6, and MF1, are shown clockwise from the top. C57BL/6 chimeras have transmitted the c-abl mutation to their progeny (for example, center left). See page 799. Meanwhile, difficulties in working with human stem cells have spurred research on an alternative approach—human endothelial cells as a delivery system for gene therapy in medicine. See page 746. [Photograph by Vergil Sweeden]