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Check out the latest installment in this ongoing series, a Review on neural crest cell development and disease, on page 860 and at www.sciencemag.org/extra/neurodev.

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COVER
Partial view of the predictive map of high levels of arsenic in groundwater resources in China (blue, low probability; red, high probability; width, 600 kilometers; resolution, 1 square kilometer). Chronic arsenic poisoning from contaminated groundwater is a major health problem in many parts of China. An estimated 19.6 million people are potentially exposed to elevated arsenic concentrations in their drinking water. See pages 852 and 866.

Image: Luis Rodríguez-Lado and Michael Berg, Eawag

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Lentivirus-mediated gene therapy produces encouraging results in three children with a rare lysosomal storage disease. Research Article Summary; for full text: http://dx.doi.org/10.1126/science.1233158

865 Lentiviral Hematopoietic Stem Cell Gene Therapy in Patients with Wiskott-Aldrich Syndrome
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Lentivirus-mediated gene therapy produces encouraging results in three children with a rare immunodeficiency disorder. Research Article Summary; for full text: http://dx.doi.org/10.1126/science.1233151

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903 Cyclic GMP-AMP Synthase Is an Innate Immune Sensor of HIV and Other Retroviruses
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Cell culture experiments suggest that detection of retroviral DNA activates cellular defense systems.