
FROM 18 TO 23 JULY 2010, MORE THAN 20,000 HIV/AIDS RESEARCHERS WILL GATHER IN VIENNA, AUSTRIA—THE "GATEWAY" TO EASTERN EUROPE—FOR THE 18TH INTERNATIONAL AIDS CONFERENCE TO TRY TO BRIDGE THE GAP BETWEEN SCIENTISTS AND POLICYMAKERS IN EAST AND WEST. IN THIS ISSUE, SCIENCE LOOKS CLOSER AT THE FACTORS THAT IN THE MID-1990S LED TO THE RAPID SPREAD OF HIV IN RUSSIA AND UKRAINE, WHICH ACCOUNT FOR MORE THAN 90% OF THE INFECTIONS IN THE REGION.


THE NEWS PACKAGE IS FOLLOWED BY POLICY FORUMS AND ORIGINAL RESEARCH ABOUT THE FIELD'S MOST PRESSING TOPICS, WHICH WILL TAKE CENTER STAGE AT THE UPCOMING CONFERENCE. GIRARD AND COLLEAGUES (P. 147) ADVOCATE FOR THE IMPORTANCE OF A RENEWED COMMITMENT TO UNIVERSAL ACCESS TO PREVENTION, TREATMENT, AND CARE. JEWKES (P. 145) DISCUSSES THE CONTINUING CONTRIBUTION OF GENDER INEQUITIES TO THE PREVALENCE OF HIV/AIDS IN WOMEN, ESPECIALLY IN SOUTH AFRICA. A REVIEW BY TRONO ET AL. (P. 174) Focuses ON THE LATENT VIRAL RESERVOIR THAT PERSISTS IN HIV-INFECTED PEOPLE, DESCRIBING THE UNDERLYING BIOLOGY AND POTENTIAL INTERVENTIONS THAT MAY LEAD TO A CURE. A REPORT BY WU ET AL. (SCIENCE EXPRESS) DESCRIBES A TRIO OF NEW BROADLY NEUTRALIZING ANTIBODIES ISOLATED FROM AN HIV-INFECTED PERSON THAT ATTACH TO THE CD4 BINDING SITE OF THE VIRUS AND CAN POTENTIALLY NEUTRALIZE A BROAD RANGE OF VIRAL STRAINS.

— BARBARA JASNY, KRISTEN MUELLER, LESLIE ROBERTS

HIV/AIDS

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See also Editorial p. 120, Policy Forums pp. 145 and 147, and Science Express Research Article by T. Zhou et al. and Science Express Report by X. Wu et al., Science Careers, and Science Translational Medicine at www.sciencemag.org/special/aids2010/.
HIV/AIDS: Eastern Europe
Barbara Jasny, Kristen Mueller and Leslie Roberts (July 8, 2010)
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Editor's Summary

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