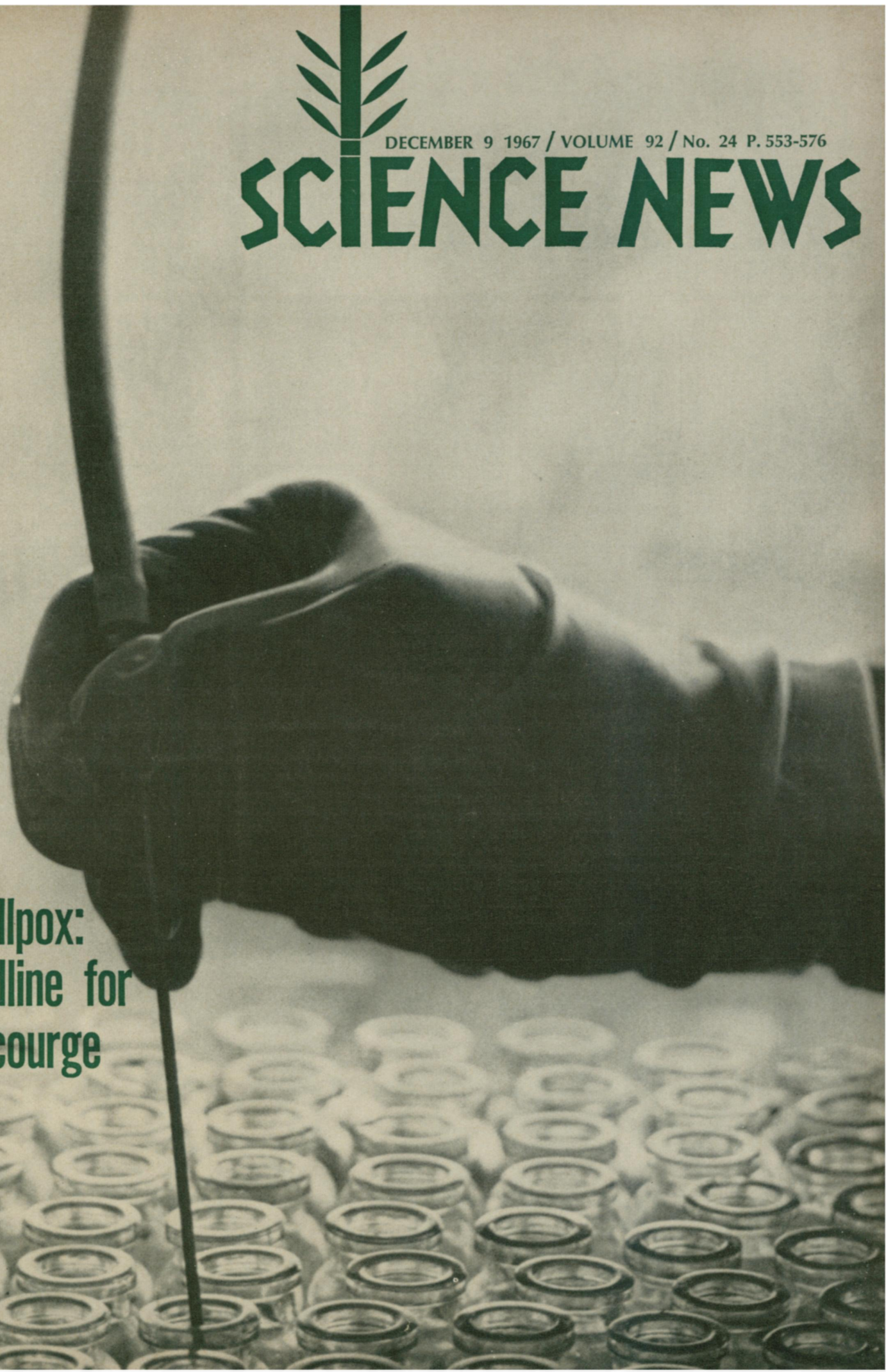




DECEMBER 9 1967 / VOLUME 92 / No. 24 P. 553-576

SCIENCE NEWS

**Smallpox:
Deadline for
a Scourge**



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- 558 Plowshare gets back in the furrow
British slaughter cows in foot-and-mouth plague
- 559 OSO reveals the sun in ultraviolet
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- 560 Divorced persons show higher disease rates
Doubt cast on Toronto spine surgery
- 561 **Physical Sciences Notes:** Three undiscovered satellites predicted; Sphere used to pump laser; Pendulum's accuracy calculated; 25 years of atomic energy; Gravity changes on earth's surface; Upper atmosphere models; Cumulative nuclear index
- 562 **Behavioral Sciences Notes:** Women dream in cycles; LSD and birth defects; Monkeys follow rain calendar; Nuclear power could support nine billion; Plastic surgery cuts prison returns
- 565 **Medical Sciences Notes:** Heart transplant expected soon; Live measles vaccine advised; Babies can get blood tolerance; Disposable X-ray tube tested; Interrupted blood flow; Titanium discovered in lung tissue
- 566 **Aerospace Notes:** Sheath to protect downed flyers; First manned Saturn 5 crews named; Keeping the protein down; Phoenix missile tests; CAT testing resumed; Rocket planes grounded after crash
- 571 **Life Sciences Notes:** New technique for cell study; Rare disorder aids understanding of gout; White cells shirk their jobs; Enzyme deficiency fatal; Folic acid lack can retard child; Fast blood analyzer developed
- 572 **Earth and Environment Notes:** Violent geysers once blasted Yellowstone; Sandy layer conserves water; Evaporation pan for streams; Trans-Atlantic winds blow minerals; Heat of ice cap scanned; Mining wastes found threatening; The chilling side of snow

FROM ABROAD

- 563 **Australia:** Children find Koala ranges; Mongoloid outbreak feared; Legume revolutionizes beef output
- 564 **Sweden:** Polluted fish sale banned

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- 568 **Epidemiology:** Deadline for smallpox

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COVER

Preparation of vaccine for the World Health Organization's new 10-year campaign for the eradication of smallpox worldwide. The nature of the disease makes it, perhaps, the one ancient scourge susceptible to a deadline. P. 568. (Photo: WHO)



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