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# Advanced Technology

Edited by Philip H. Abelson and Mary Dorfman

Modern high technology rests on the skillful use of energy and materials, and of the two, for many applications. advanced materials are the most important. Leading industrial research laboratories are developing many new materials that will help solve our energy problems. The twenty articles in this Compendium present research on a wide range of topics in this field.

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problem we discussed in the session is only one example of a broad class. We did dwell upon this one example, but only because it threatens to compromise seriously science education in North America.

ROLF M. SINCLAIR

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#### References and Notes

See, for example, B. C. Sproul, Primal Myths: Creating the World (Harper & Row, New York, 1979).

## **Culturing Before a Transplant**

Thomas H. Maugh II, in his article on altering the donor organ (Research News, 10 Oct. 1980, p. 177), does not cite the work of Jacobs and of Lueker and Sharpton with cultured mouse ovarian allografts. These investigators found that a significant proportion of mouse ovaries that had been cultured for 6 to 12 days (Jacobs) or only 3 days (Lueker and Sharpton) were accepted when transplanted to major-locus incompatible recipients. Transplantation published these papers back-to-back (1), about 5 months before Lafferty's first report (2) appeared on the survival of cultured mouse thyroid allografts. In fact, we received Jacobs' paper about a month before the Lueker-Sharpton one, but with her permission, held her paper until the other one was reviewed so that we could publish them together. These papers represent the first reliable reports of the ability of short-term maintenance in vitro to promote the survival of allografts of normal tissue. Jacobs, working with Huseby, already had established this principle with tumor allografts as early as 1967 (3).

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### References

- B. B. Jacobs, Transplantation 18, 454 (1974); D. C. Lueker and T. R. Sharpton, ibid., p. 457.
  K. J. Lafferty, M. A. Cooley, J. Woolnough, K. Z. Walker, Science 188, 259 (1975).
  B. B. Jacobs and R. A. Huseby, Transplantations 140 (1967). tion 5, 410 (1967).

Erratum: The new chairman of the Senate Com-

Erratum: The new chairman of the Senate Committee on Commerce, Science, and Transportation is Senator Bob Packwood (R-Ore.). Senator Harrison H. Schmitt (R-N.M.) was incorrectly identified as chairman (News and Comment, 6 Feb., p. 559). Erratum: Important information in the article "Insulin wars: New advances may throw market into turbulence" (News and Comment, 12 Dec. 1980, p. 1225) came from a review written by Scott R. King of F. Eberstadt & Co., Inc., New York. Credit to King was inadvertently omitted from the article.