attempting to circumvent the peer-review process and thought that participating in this attempt would be a potential embarrassment to our university. Our decision not to participate was made in early 1993 and was communicated then to the consortium; we have not participated in any of the consortium lobbying efforts.

George E. Laramore Clinical Director, University of Washington Fast Neutron Radiotherapy Project, Department of Radiation Oncology, University of Washington Medical Center, Seattle, WA 98195, USA

Response: The list published in Science was taken from a BNCT consortium membership document that included the University of Washington. The consortium has since amended that. Its ninth member is the Oregon Health Sciences University.

-Christopher Anderson

Safety in Quarks?

Nobelist Carlo Rubbia's proposal (News & Comment, 26 Nov., p. 1368) to enter the thorium/U-233 cycle with the aid of accelerators has some charm and perhaps a bit of color. But his statement (quoted indirectly) that "because the thorium cycle produces little plutonium, the risk of weapons proliferation should be minimized" is flawed. The tamped critical mass (as in an implosion weapon) of uranium-233 is less than that of plutonium-239.

Thus, uranium-233 offers the possibility of smaller weapons with lesser amounts of materials than plutonium, actually increasing the risk of weapons proliferation.

Quarks are safer, for the foreseeable future.

Arnold Kramish Post Office Box 2621, Reston, VA 22090, USA

Corrections and Clarifications

- The report "Cure of xenografted human carcinomas by BR96-Doxorubicin immunoconjugates" by P. A. Trail *et al.* (9 July, p. 212), inadvertently omitted a reference to unpublished information about the specifics of the chemical synthesis of BR96-DOX conjugates. This information has now been published [D. Willner *et al.*, *Bioconjug. Chem.* 4, 521 (1993)].
- The Books Received listing of 26 November (p. 1463) for Thomas F. Lee's Gene Future: The Promise and Perils of the New Biology (Plenum, New York, 1993) included a line of information that did not apply to that book. The price given for the book, \$24.95, was correct.

One of the best kept secrets in molecular biology...

AMPLIGASE[®] THERMOSTABLE DNA LIGASE

Ligation Amplification (LCR)

A geometric amplification method with advantages over PCR.

Template DNA

Oligo probes A,B,C, and D (25 pmol each) were incubated with 5 U *AMPLIGASE* in 25μ I of *AMPLIGASE* buffer. Reactions were cycled 40X for 1 minute at 94°C and 2 minutes at 65°C, then separated by PAGE and stained with ethidium bromide. In the presence of 0.25 pmol of target DNA (right lane), the target sequence is amplified by formation of the ligation products AB and CD.



Repeat Expansion Detection (RED)^{1,2}

A powerful new method to detect trinucleotide repeats associated with Fragile-X Syndrome, Spinobulbar Muscular Atrophy, Myotonic Dystrophy, Huntington's Disease, and other genetic diseases.

AMPLIGASE is highly specific.

It has no blunt-end ligation activity.

AMPLIGASE is extremely thermostable.

Schalling et al.¹ report that "*AMPLIGASE* is active up to 500 cycles or 16h of cycling." The half-life is 48h at 65° C and > 1h at 95° C.

AMPLIGASE is exceptionally active.

One unit of *AMPLIGASE* is equivalent to at least 15 of the units described elsewhere.

- 1. M. Schalling, T.J. Hudson, K.H. Buetow and D.E. Houseman, Nature Genetics;
- 4: 135–139, 1993.
- 2. V. Morell, Science; 260: 1422-1423, 1993.

*AMPLIGASE is a trademark of Epicentre Technologies, Madison, WI, USA



EPICENTRE TECHNOLOGIES

1202 Ann Street Madison, WI 53713 800-284-8474

...when you need to be sure of the quality

EPICENTRE's products are also available from the following distributors:

AUSTRALIA: Andromeda Scientific, Tel. 02/418-1684 AUSTRIA: ViennaLab, Tel. 01/74040-190 CANADA: Cedarlane Laboratories, Tel. 800/268-5058 BENELUX: BIOzym Nederland BV, Tel. 045/327-755 FRANCE: TEBU SA, Tel. 1/34-84-62-52 GERMANY: BIOzym Diagnostik GmbH, Tel. 5152/2075 ITALY: SPA-BioSPA Division, Tel. 02/891391 JAPAN: Bokusui Brown Co. Ltd., Tel. Osaka 06/441-5103; Tokyo 03/3545-5720 or Cosmo Bio Co., Ltd., Tel. 03/3663-0722 KOREA: LRS Laboratories, Inc., Tel. 02/924-8697 NEW ZEALAND: Intermed Scientific Ltd., Tel. 09/443-1284 NORWAY, DENMARK, FINLAND, ICELAND, SINGAPORE: SCIMED (ASIA) PTE. Ltd., Tel. 266-1884 SWEDEN: MedProbe AS (Oslo), Tel. 47-22/200-137 SPAIN: Ramon Cornet SA, Tel. 34-3/237-5562 or ECOGEN S.R.L., Tel. 34-3/456-0607 SWEDEN: Bio-Zac AB. TAIWAN: PROTECH, Tel. 2/381-0844 Tel. 0583/503-74 SWITZERLAND: INOTECH AG, Tel. 057/26-11-00 UNITED KINGDOM: CAMBIO, Tel. 0223/66500

For other countries, please contact EPICENTRE TECHNOLOGIES at Tel. 608/258-3080 or Fax 608/258-3088.

Circle No. 35 on Readers' Service Card