

PFANSTIEHL

**We're the difference between
pure research and applied research**

We don't start things, we finish them. You've been working on some concepts and they show promise. But that's as far as you can take them. Now it's time for scale up. That's where we come in. We're the facility of choice for many when it comes to process development work, such as critical synthesis in the anti-viral area. Establish an R&D partnership with Pfanstiehl. We have a lot to contribute.

PFANSTIEHL LABORATORIES, INC.

The source for carbohydrate chemistry

1219 Glen Rock Avenue/Waukegan, IL 60085-0439
Tel.: 1-708/623-0370/Toll Free: 1-800/383-0126
FAX: 708/623-9173
53-W

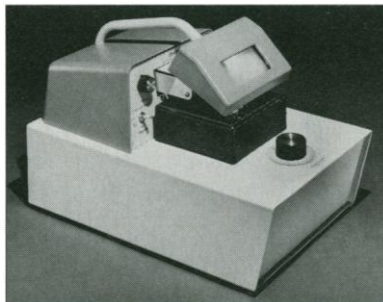


MAKING THINGS WORK

Circle No. 28 on Readers' Service Card

Beautiful? No. Reliable? You Bet.

VIBRATOME® gives you
fresh tissue sectioning
without freezing or embedding.
Simple, precise adjustments cut fresh or
fixed tissue evenly from 20 microns up.
Now that's beautiful.



So, if you're more interested in how it works than how it looks, choose Vibratome.
Function is beauty.



5918 EVERGREEN / ST. LOUIS, MISSOURI 63134 U.S.A.
(314) 522-8671 (800) 729-4421 FAX (314) 522-6360

Circle No. 11 on Readers' Service Card

Plasma Wave Accelerators

The long-term future of high-energy physics surely depends on innovation in charged-particle acceleration like the use of relativistic plasma waves reported recently (Ivan Amato, "Catching the wave of a new accelerator," *Research News*, 5 Feb., p. 765). Still, it is a bit early to dream "of doing the SSC's [Superconducting Super Collider's] job in a setup only a few city blocks long." Chris Clayton *et al.* reported in *Physical Review Letters* (1) that up to 7 million electron volts of energy were added to electrons by the plasma waves in a distance of about 1 centimeter. To reach the 20-trillion-electron-volt level of the SSC would still require about 3×10^6 centimeters, even if one assumed this gradient could be maintained for such a distance. The two hypothesized colliding linear accelerators would evidently stretch some 60 kilometers. This is rather more than a few city blocks, even in Texas.

Robert N. Cahn
Director,
Physics Division,
Lawrence Berkeley Laboratory,
Berkeley, CA 94720

References

1. C. Clayton *et al.*, *Phys. Rev. Lett.* 70, 37 (1993).



Correction: Omitted Author

Through an inadvertent error on my part, I neglected to include the name of one author—Giovina Ruberti—of the report "Requirement for CD8⁺ cells in T cell receptor peptide-induced clonal unresponsiveness" (1 Jan., p. 91). The correct order of the authors is as follows: Amitabh Gaur, Giovina Ruberti, Richard Haspel, John P. Mayer, and myself.

C. Garrison Fathman
Department of Medicine,
Stanford University Medical Center,
Stanford, CA 94305

Corrections and Clarifications

The illustrations on page 763 accompanying Marcia Barinaga's *Research News* article "Death gives birth to the nervous system. But how?" (5 Feb., p. 762) should have been credited to Michael Hengartner and Robert Horvitz.

In the article "Light emission from silicon" by S. S. Iyer and Y.-H. Xie (2 Apr., p. 40), the title in reference 33 on page 46 should have read, "Extended Abstracts of the 1992 Solid-State Devices and Materials Conference."