

LETTERS

- 1

Vive Lyons!

Patrick Oswald's statement quoted in the article "French government tries decentralizing excellence" by Michael Balter (*Science in Europe*, 18 June, p. 1749) that Lyons is "a bit of a scientific desert in physics" cannot pass without comment. Perhaps the areas of research that interest Oswald do not include nuclear physics, particle physics, atomic physics, laser research, fiber optics, luminescent materials, or any of the many other subjects investigated here.

It is true, and well expressed in the article, that Paris is the capital of France in every possible way and the capital of French science through the richness and diversity of its laboratories. It is also true that Lyons has less opportunity for the exploration of every promising field. However, it is in deserts that one can find certain rare species that do not flourish elsewhere. The Nuclear Physics Institute in Lyons is at present developing the mirrors for use in the Franco-Italian VIRGO project for detecting gravitational waves, and many other projects are under way. Lyons has played a crucial role in the development of BGO crystals for the L3 detector at CERN (the European Organization for Nuclear Research) and has made important contributions to the understanding of quark-gluon plasmas. Lyons is also a center of excellence for complex systems of measurement and has no equal in Paris or, indeed, elsewhere. Other areas of special technical expertise include laser spectroscopy, luminescent solutions and gases, dilute media, and the physics of aggregates.

Edgard Elbaz

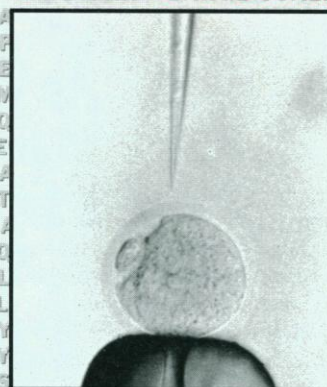
Director,

*Institut des Sciences de la Matière,
Université Claude Bernard Lyon-1,
69622 Villeurbanne Cedex, France*

Corrections and Clarifications

In the Meeting Brief “EUVE [Extreme Ultraviolet Explorer] takes the long view” by Faye Flam (Research News, 25 June, p. 1879), the EUVE principal investigator was incorrectly identified. He is Stuart Bowyer of the University of California, Berkeley.

VIDEOS for science



**documented live for use in
the classroom or laboratory**

ERIDIZATION • LARGE-SCALE
ASMID DNA • LARGE-SCALE
AGE DNA • BACTERIAL TRAN
PID ISOLATION OF PLASMID
EPARATION OF SINGLE-STRAN
MPLATES FOR SEQUENCING
QUENCING REACTION • DNA
ECTROPHORESIS • ISOLATIO
A • POLYMERASE CHAIN RE
choose from 27 titles

CELL CULTURE
PCR
RECOMBINANT DNA

RESTRICTION ENZYME DIGESTION • GEL ELECTROPHORESIS • POLYACRYLAMIDE GEL ELECTROPHORESIS • SOUTHERN BLOT HYBRIDIZATION • LARGE-SCALE DNA PREPARATION • PLASMID DNA • BACTERIAL TRANSFORMATION • RAPID ISOLATION OF PLASMIDS • SEQUENCING REACTION • DNA ELECTROPHORESIS • ISOLATION OF RNA • POLYMERASE CHAIN REACTION • AVOIDING FALSE POSITIVES • SAMPLE PREPARATION FOR PCR • RESTRICTION ENZYME DIGESTION • GEL ELECTROPHORESIS • POLYACRYLAMIDE GEL ELECTROPHORESIS • SOUTHERN BLOT HYBRIDIZATION • LARGE-SCALE DNA PREPARATION • PLASMID DNA • BACTERIAL TRANSFORMATION • RAPID ISOLATION OF PLASMIDS • SEQUENCING REACTION • DNA ELECTROPHORESIS • ISOLATION OF RNA • POLYMERASE CHAIN REACTION • AVOIDING FALSE POSITIVES • SAMPLE PREPARATION FOR PCR

write or FAX for more information



**TAPED
TECHNOLOGIES**
P.O. Box 384
Logan, Utah 84323-0384

USA 1-800-995-1110
Orders Outside USA:
1-801-753-6911
FAX 1-801-752-5615

available in NTSC and PAL formats

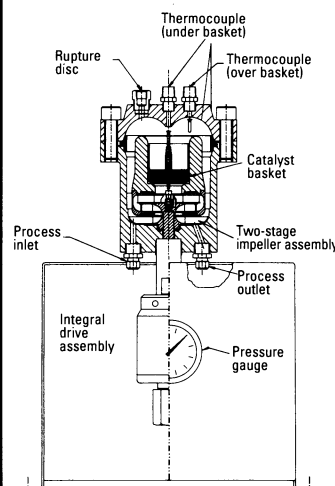
Circle No. 20 on Readers' Service Card

• REACTING TO YOUR NEEDS •

NEW!
The ROTOBERTY
reactor.



PRECISE CATALYST SCREENING



**The ROTOBERTY®
internal recycle reactor
ensures accurate scale up.**

- Kinetic regime, heat and mass transfer conditions similar to production units
- Replicates reaction rates and mass velocities in production reactors
- Recycle flow rates are precisely known
- High impeller speeds produce reliable results, even at atmospheric pressure
- Standard design for pressures to 2000 psi (138 bar) and temperatures to 450°C
- Complete, ready-to-use package mounts easily on bench or table top
- Contact PPI for further information and a free brochure



Pressure Products Industries, Inc.
Reliability Under Pressure

900 Louis Drive, Warminster, PA 18974 USA
(215) 675-1600, FAX: (215) 443-8341,
Telex: 84-5329

® Berty Reaction Engineers, Ltd. © 1993 PPI

Circle No. 21 on Readers' Service Card

Circle No. 21 on Readers' Service Card