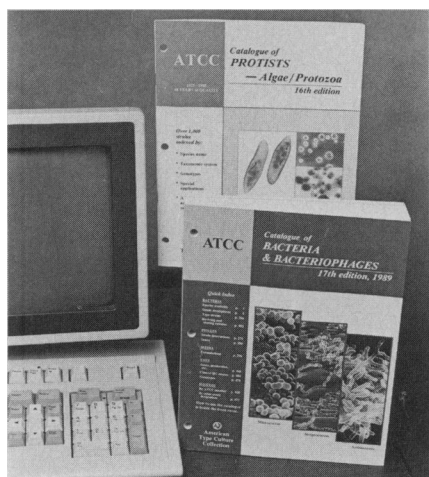


### Biological Culture Collection Goes Online

The complete catalogs of *Bacteria & Bacteriophages* and *Protists—Algae/Protozoa* are now available through the American Type Culture Collection (ATCC) ONLINE database service. The service is accessible through the CODATA Microbial Strain Data Network. Included in the catalog information are strain descriptions, instructions for culture



maintenance, media formulations, and special uses for specific strains. Databases for the ATCC Recombinant DNA Material Collection and the ATCC/National Institutes of Health Repository of Human & Mouse DNA Probes and Libraries are also available through the ATCC ONLINE service. Other features of the service include electronic mail, international microbial databases, an international hybridoma database, and electronic conferencing. American Type Culture Collection. Circle 491.

### Monoclonal Antibodies

An extensive range of oncoproteins and oncoprotein antibodies are site-specific, raised against small synthetic peptides selected from a particular oncoprotein's amino acid sequences. The antibodies can be used

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Newly offered instrumentation, apparatus, and laboratory materials of interest to researchers in all disciplines in academic, industrial, and government organizations are featured in this space. Emphasis is given to purpose, chief characteristics, and availability of products and materials. Endorsement by *Science* or AAAS is not implied. Additional information may be obtained from the manufacturers or suppliers named by circling the appropriate number on the Readers' Service Card and placing it in a mailbox. Postage is free.

to recognize identical sequences in intact native proteins as well as the synthetic peptide. Bioproducts for Science. Circle 494.

Mouse Anti-Rat Natural Killer Cell Monoclonal Antibody for research recognizes and reacts with all rat natural killer cells, large granular lymphocytes, and neutrophils. It is especially useful for studies involving transplant immunology and those that require in vivo depletion of natural killer cells. Serotec. Circle 495.

### Benchtop Cleanroom

The Cleansphere CA100 is a spherical, portable, benchtop air class 100, mini clean room. A high-efficiency particulate air filter cartridge gives 99.997% efficiency, and the spherical chamber allows all-around vision. Specially designed handbays provide easy handling of materials, and the top half of the chamber can be removed for cleaning from the inside or for access to larger experiments. Positive pressure within the chamber provides uniform airflow and continuous experiment protection. Safetech. Circle 519.

### DNA Sequence Computer Entry System

The DNA Parrot is a device with five buttons and visual and audio feedback for entering DNA sequence data into a Macintosh, IBM-PC, or IBM-compatible computer via the serial port. Four of the buttons are for the entry of the four bases; the fifth one deletes the last entry. Each of the four buttons has a light-emitting diode (LED) for visual feedback. As a button is pressed, the base is entered onto the screen, the computer echoes back the base by digitized sound, and the LED button lights. The Macintosh system requirements are a Macintosh Plus model or higher with 1 megabyte of memory and system 6.02 or higher. The PC system requires 640 kilobytes of memory and runs on all models. T & T Research. Circle 493.

### Scientific Information Managing Software

Hyperlab software program enables scientists to enter, store, organize, and retrieve text, data, graphs, tasks, literature references, ideas, laboratory procedures, and tables. It includes a powerful conversion calculator. The program organizes information by "project," the main component of which is a "notebook," a free-form space for storing and organizing text, data, and graphics.

The program also features databases for laboratory procedures, tables, and ideas for future projects. Hyperlab requires a Macintosh Plus, SE, or II with 1 megabyte of memory and HyperCard 1.2. Asgard Software. Circle 501.

### Transcription Translation System

*Escherichia coli* S30 Coupled Transcription Translation System is a tool for the study of the expression of prokaryotic genes. Exogenously added DNA, containing appropriate prokaryotic promoter and ribosome binding sites, directs the synthesis of proteins in vitro. The system contains all the transcription and translation components necessary for translation. Four amino acid mixtures are available to allow labeling with the optimum amino acid for each protein. Promega. Circle 515.

### Literature

*Data Acquisition & Signal Conditioning* is a 20-page catalog with the latest in hardware and software data acquisition tools for Macintosh and IBM-compatible computers. World Precision Instruments. Circle 520.

*Capillary Electrophoresis Systems I* is a brochure that describes the capabilities of an automated system for the separation of a wide range of molecules. Dionex. Circle 521.

*Waters Column* is a newsletter that provides information about applications, columns, and chemistries for high-performance liquid chromatography. The first 16-page issue features an article on new packings and columns for protein analysis and purification. Waters Chromatography Division of Millipore. Circle 522.

*Research News* is a 20-page document that presents a detailed analysis of each of the key separation parameters available to the researcher on current capillary electrophoresis instruments. Applied Biosystems. Circle 523.

*Personal Spectroscopy Software* is a full-color brochure describing the QuantaScan 2D Analysis Software Program for the CS9000U Scanning Densitometer. The package enables researchers to analyze data from two-dimensional gels, thin-layer chromatography plates, blots, and autoradiograms. Shimadzu Scientific Instruments. Circle 524.

*The Catalog of Personal Computing Tools for Scientists and Engineers* is a 48-page listing featuring many new products. Personal Computing Tools. Circle 530.

# Science

## Products & Materials

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