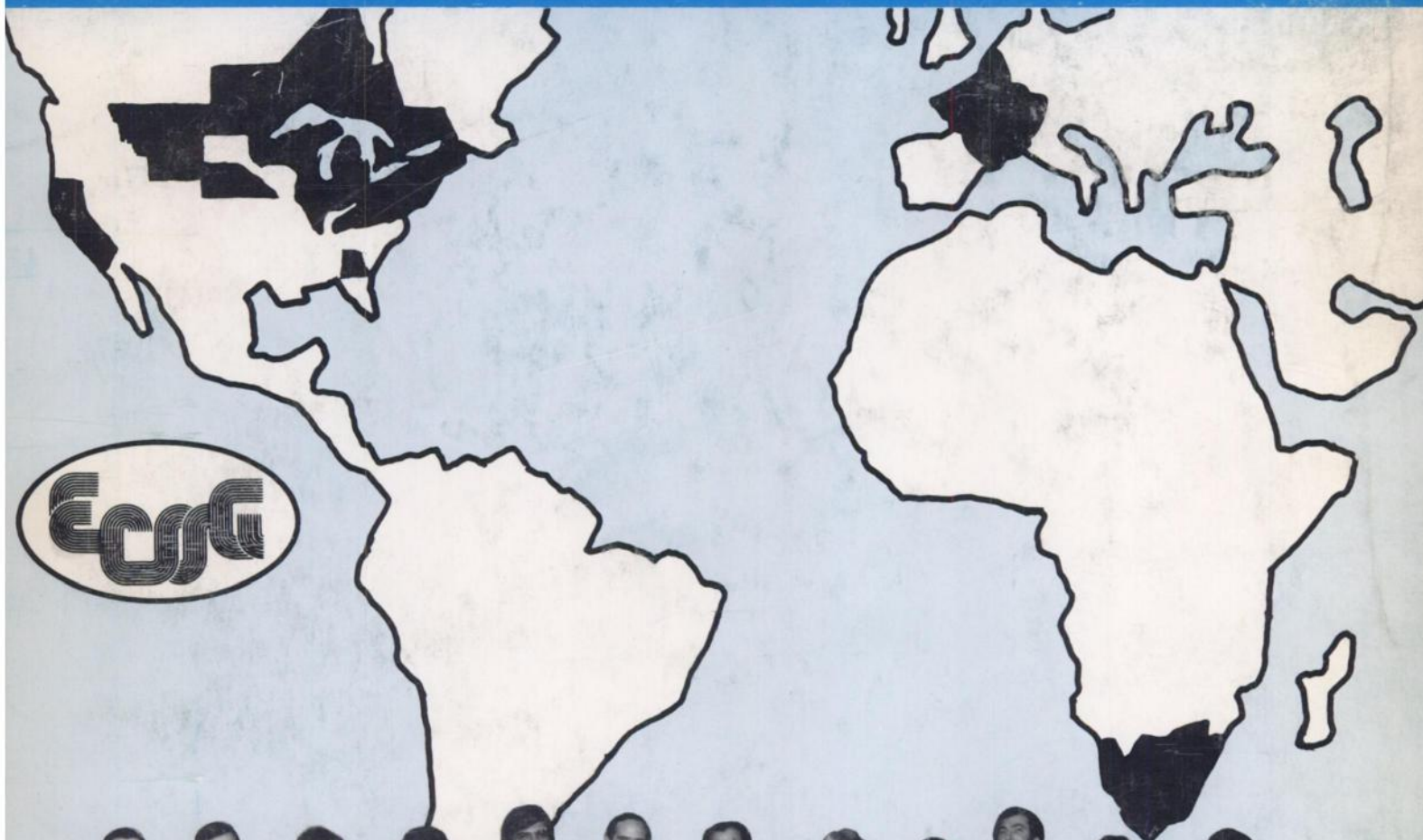




Cancer Research

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**Announcement from
the editor—page 872**

In ion exchange chromatography,

who has it all?




Pharmacia has it all... ion exchangers, gradient mixer, columns

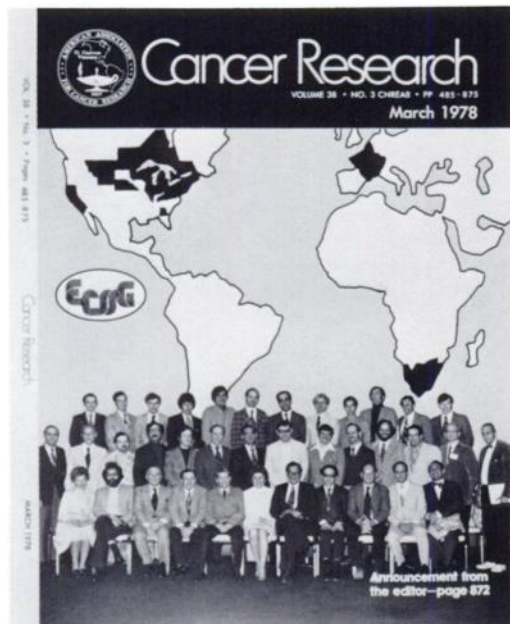
Since no single ion exchanger is best for all applications, Pharmacia now enables you to choose between three matrices: Sepharose® (cross-linked agarose), Sephadex® (cross-linked dextran), and now Sephacel® (cross-linked cellulose). Although they have different properties, they are all beaded to pack easily without generating fines.

Pharmacia also makes available the Gradient Mixer GM-1 for producing linear concentration gradients as well as reproducible pH gradients. Choose from a broad range of precisely engineered chromatographic columns for every application.

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COVER LEGEND



In 1955 the Clinical Studies Panel of the National Cancer Institute (NCI) Cancer Chemotherapy National Service Center appointed a subcommittee, under the chairmanship of C. Gordon Zubrod, to evaluate two anti-cancer agents, mechlorethamine and triethylene phosphamide. Out of this subcommittee developed a cooperative group consisting of E. T. Frei (NCI), Ralph Jones (University of Miami), T. Chalmers (Harvard University), L. Lasagna (Johns Hopkins), and B. Shnider (Georgetown University), in addition to Zubrod. The meetings were informal and stressed the development of methodology for protocol studies in cancer, particularly defining measurements of tumors and their interpretation.

The group expanded and in 1961 the chairmanship shifted to Bruce Shnider at Georgetown. In November 1970 Paul Carbone (NCI) and Marvin Schneiderman (NCI) served as biostatisticians until 1971, when M. Zelen of the State University of New

York at Buffalo assumed the post of group statistician. The initial membership of five institutions, restricted to the East Coast, grew to forty institutions, including foreign members in Europe, Canada, and South Africa. Within the United States, the membership now stretches from coast to coast. Over 4,000 patients are enrolled in forty active protocols and more than 12,000 patients are being followed. Semiannual meetings are held to review data and reports. The activities of the Eastern Cooperative Oncology Group in research, training, and service can be likened to a university without walls.

Four references are selected to illustrate the work of the ECOG:

1. Zubrod, C. G., *J. Chronic Diseases*, 8: 183-190, 1958.
2. Carbone, P., *et al.*, *Cancer Res.*, 28: 811-822, 1968.
3. Costa, G., *et al.*, *Am. J. Med.*, 54: 589-599, 1973. (EST 0465)
4. Fisher, B., *et al.*, *New Engl. J. Med.*, 292: 117-122, 1975. (EST 0771)

Shown in the photograph are ECOG Principal Investigators; above is a map of their locations:

First row (*left to right*): J. Wolters, W. Regelson, E. Greenspan, J. Colsky, B. Shnider, P. Grifone, P. Carbone, M. Zelen, M. Cohen, I. Brodsky, L. Israel.

Second row (*left to right*): G. Sartiano, G. Falkson, M. Levitt, M. Oken, M. Straus, P. Lenhard, M. Tobin, J. Marsh, R. DeConti, W. Costello, S. Zucker, R. Silberg, A. Mittelman, J. Lewis.

Third row (*left to right*): L. Stolbach, R. Creech, H. Brodovsky, T. Cunningham, B. Kaplan, W. DeWys, E. Mansour, R. Oberfield, J. Bennett, H. Lerner, P. Band, D. Klaassen.

We are indebted to Dr. Paul Carbone for the material and information. The map was prepared at the Fox Chase Cancer Center.

M.B.S.