1087 This Week in Science

1089 Cancer Research: Prevention and Therapy

1090 Hood Lab Investigation: V. KUMAR; Response: E. E. SERCARZ; J. BRESSLER AND J. LATERRA

1099 Commercializing a “Star Wars” cast off; foreseeing UC’s financial future; etc.

1100 Weapons Labs: After the Cold War ■ Researchers Complain of Loss of Academic Freedom ■ Have Talent, Will Contract

1103 Now Dingell Probes the Academy!

1104 OSTP to Wade Into Gene Patent Quagmire

1105 FDA Committee Raises AIDS Vaccine Hurdles

1106 In Search of a New Cosmic Blueprint

1108 Neuroscience Meets the Big Easy: Patch Clamping au Naturel ■ Brain Grafts for Huntington’s Disease Too Much Too Soon? ■ Retinoids May Help You See In More Ways Than One

1109 Galileo Hits Its Target

1110 Did a Rain of Comets Nurture Life?: Bringing in a Comet For Landing ■ A Cometary Source for Cockeyed Molecules?

1111 A Layer by Layer Look at the Skin Blister Diseases

1113 Briefings: Single-Celled Killer In Monterey Bay ■ Rx for Speedy Drug Approval ■ Tracking the AIDS Drugs ■ A Big Chill Grips Geothermal Energy

1114 Cancer Research in Europe: Europe: As Many Cancers as Cuisines

1116 Three Europeans Find Their Own Road to Fame: Life at the Front ■ A Pressure to Think ■ The Virtues of Patience

1117 Funding in Europe: How the Big Three Cope ■ Jacques Crozemarie: One Man and His Foundation

1131 Toward the Primary Prevention of Cancer: B. E. HENDERSON, R. K. ROSS, M. C. PIKE

1138 Tumor Suppressor Genes: R. A. WEINBERG

1146 Growth Factors and Cancer: S. A. AARONSON

1153 Chromosome Aberrations and Cancers: E. SOLOMON, J. BORROW, A. D. GODDARD

1161 Transgenic Models of Tumor Development: J. M. ADAMS AND S. CORY

1167 Viruses in Human Cancers: H. ZUR HAUSEN

1173 Recombinant Toxins for Cancer Treatment: I. PASTAN AND D. FITZGERALD

In this special issue, seven articles explore developments in basic and applied research that are increasing our understanding of the pathways leading to cancer. The syringe symbolizes the new approaches to prevention and therapy that are being developed and tested as a result of research advances. See pages 1131 to 1177. In addition, there is a special section highlighting personalities and issues in European cancer research. See pages 1114 to 1119. [Cover illustration by Julie Cherry]