MARCH 5-11, 1994
Growth Factors, Development, and Cancer
Joint Meeting with Friedrich Miescher-Institut
Chairpersons: Harold L. Moses, Nashville, TN; Bernd Groner, Basel, Switzerland
Congress Center, Interlaken, Switzerland

APRIL 10-13, 1994
85th Annual Meeting
Chairperson: Karen S. H. Antman, New York, NY
Moscone Convention Center, San Francisco, CA

OCTOBER 16-20, 1994
Transcriptional Control of Cell Growth and Differentiation
Chairpersons: Eric N. Olson, Houston, TX; Bruce M. Spiegelman, Boston, MA
Chatham Bars Inn, Chatham (Cape Cod), MA

NOVEMBER 7-11, 1994
Modern Developments in Cancer Therapeutics
Joint Meeting with Academia Sinica
Chairperson: Yung-chi Cheng, New Haven, CT
Academia Sinica, Taipei, Taiwan, R.O.C.

NOVEMBER 29-DECEMBER 4, 1994
Translational Research in Cancer
Chairperson: Carlo M. Croce, Philadelphia, PA
Grove Park Inn, Asheville, NC

DECEMBER 8-13, 1994
Basic and Clinical Aspects of Prostate Cancer
Chairperson: Donald S. Coffey, Baltimore, MD
Marriott’s Rancho Las Palmas Resort, Rancho Mirage (Palm Springs), CA

JANUARY 14-19, 1995
Mechanism of Action of Retinoids, Vitamin D, and Steroid Hormones
Chairpersons: Michael B. Sporn, Bethesda, MD; Ronald M. Evans, San Diego, CA; David Mangelsdorf, San Diego, CA
Whistler Resort and Conference Center, Whistler, B.C., Canada

FEBRUARY 13-18, 1995
Molecular Biology of Cancer: Implications for Prevention and Therapy
Joint Meeting with Japanese Cancer Association
Chairpersons: Lee W. Wattenberg, Minneapolis, MN; Masaaki Terada, Tokyo, Japan
Maui Marriott Hotel, Maui, HI

MARCH 19-22, 1995
86th Annual Meeting
Chairperson: Donald S. Coffey, Baltimore, MD
Metro Toronto Convention Centre, Toronto, Ontario, Canada

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This issue's cover depicts the 1993 winners of the Steiner Awards, contributed by the Dr. Josef Steiner Cancer Foundation Prize from Berne, Switzerland. The objectives of the Steiner Award are to honor outstanding cancer research and to recognize important advances in basic concepts or new diagnostic or therapeutic approaches or preventive methods.

Arnold J. Levine (top) is cited for remarkable advances in the mechanisms of action of such oncogenic viruses as the DNA tumor viruses and the human adeno- and papillomaviruses, which encode and express oncoproteins that alter the replication cycle of the host cells. Much of his work is focused on oncoprotein products, such as the SV40 large T-antigen, adenovirus E1A and E1B proteins, and the papillomavirus E6 and E7 proteins, each of which interacts with and inactivates the products of the p53 cellular tumor suppressor gene. It was during a study of the SV40 large T-antigen that the cellular p53 protein was first found and described (Cell, 17: 43-52, 1979). According to Dr. Levine, suppressor gene products such as Rb and p53 proteins function as checkpoints in the cell cycle, acting as negative regulators of cell proliferation. The isolation and method of regulation of p53 comprise the major goals of his laboratory (Cell, 69: 1237-1245, 1992; Genes & Dev., 7: 1126-1132, 1993). Similar studies are directed toward the nature of p53 mutations (generally missense) and toward the understanding of certain sarcoma oncogenes, such as mdm-2, which encode proteins that bind to p53 and eliminate its ability to function in gene transcription (Cell, 69: 1237-1245, 1992; Mol. Cell. Biol., 13: 4107-4114, 1993; Genes & Dev., 7: 1126-1132, 1993).

Dr. Levine is the Harry C. Wiess Professor in Life Sciences and Chairperson of the Department of Molecular Biology at Princeton University. He received the B.A. in Biology from Harpur College, SUNY at Binghamton, NY, and the Ph.D. from the University of Pennsylvania in 1966. After postdoctoral research at CalTech, he joined the faculty at Princeton in 1968, rising to his present position in 1984. He has been described as "a world class molecular biologist...of...highest quality and great originality." His research has been largely focused on viral oncogenesis and tumor suppressor genes, and he has contributed important advances in animal virology and oncolgy. He is a member of the National Academy of Sciences. He has served in a variety of scientific societies in many capacities, and has also served on the Advisory and Educational Committee of the Association of Medical School Microbiology Chairmen. His other honors include the Brinker International Breast Cancer Award, the Memorial Sloan-Kettering Katherine Berkan Jud Award, the Charles Rodolphe Brubacher Foundation Award, and the Lila Gruber Award from the American Academy of Dermatology. He has an impressive record of more than 235 articles, books, and reviews. Recent reviews of his work are to be found in Annu. Rev. Biochem., 62: 623-651, 1993, and in A. J. Levine and H. H. Schmidek (eds.). Molecular Genetics of Nervous System Tumors, New York: John Wiley & Sons, Inc., 1993 (Chap. 6, "Cell Cycle"; Chap. 10, "Tumor Suppressor Genes"; and Chap. 11, "Oncogenes of the DNA Tumor Viruses").

David P. Lane (bottom) holds a Personal Chair in Molecular Oncology in the Cancer Research Campaign Laboratories, Department of Chemistry at the University of Dundee, Scotland, where he is Director of the Cancer Research Campaign's Cell Transformation Research Group. After earning his B.Sc. and Ph.D. at University College London under the tutelage of N. A. Mitchison, he joined the Imperial Cancer Research Fund Laboratories in London as a postdoctoral fellow in Lionel Crawford's laboratory. It was here that, using novel immunochemical methods, he discovered that a host protein, p53, was physically complexed to the large T protein, the oncoprotein of the SV40 virus [Nature (Lond.), 278: 261-263, 1979]. After a brief postdoctoral period at the Cold Spring Harbor Laboratory on Long Island, NY, he returned to the United Kingdom to establish his own laboratory first at Imperial College (University of London), then at the Imperial Cancer Research Fund's Clare Hall Laboratories before moving three years ago to his present position in Dundee. His work has focused on the use of immunochemical methods to study protein function and protein-protein interaction, particularly looking at T-antigen and p53 but also studying replication and repair proteins and a family of RNA helicases.

Using these methods it has been established that the accumulation of high levels of mutant p53 protein is a common feature in the majority of human neoplasms [Lancet, 335: 675-679, 1990]. His current research focuses on the regulation of p53 expression (J. Cell. Sci., 105: 607-612, 1993) and function (Cell, 71: 875-886, 1992), with the goal of developing novel therapeutics capable of reactivating the growth suppressive properties of mutant p53 activation of p53 (Nucleic Acids Res., 21: 3167-3174, 1993).

Dr. Lane is a member of the European Molecular Biology Organization and is a Fellow of the Royal Society of Edinburgh. He is a Gibb Fellow (Life Fellowship) of the Cancer Research Campaign. In addition to the Steiner Award he has been granted a number of prizes and honorary memberships. He has published 143 articles and reviews during his illustrious career.

We are indebted to both Dr. Levine and Dr. Lane for information and the photographs.

Sidney Weinhouse