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CURRICULUM VITAE

Name: James Allen Lautenberger, Ph. D.

Citizenship/Date and Place of Birth: United States, June 26, 1946; Schenectady, New York

Education:

1968 B.S. (Chemistry), University of Rochester, Rochester, New York
1974 Ph.D. (Biochemistry), University of California, Berkeley, California

Continuing Education:

1984 "Methods in Yeast Genetics", Cold Spring Harbor Laboratory, NY
(3 week course)
1993 "Tumor Microcirculation, Angiogenesis, and Metastasis", Harvard Medical
School, Department of Continuing Education (1 week course - 23 credit
hours in Category 1 of the Physicians Recognition Award of the American
Medical Association)

Brief Chronology of Employment:

1966 N.S.F. Undergraduate Research Participant, University of Rochester, NY
1967 N.S.F. Undergraduate Research Participant, University of Rochester, NY
1967-1968 Undergraduate Teaching Assistant, Department of Chemistry, University of
Rochester, NY
1968-1973 U.S. Public Health Service Trainee, University of California, Berkeley, CA
1969-1970 Teaching Assistant, Department of Biochemistry, University of California,
Berkeley, CA
1974-1979 Postdoctoral Fellow, University of North Carolina, Chapel Hill, NC
1979-1981 Expert, Laboratory of Tumor Virus Genetics, Division of Cancer Cause and
Prevention, National Cancer Institute, Bethesda, MD
1981-1983 Expert, Laboratory of Molecular Oncology, Division of Cancer Cause and
Prevention, National Cancer Institute, Bethesda, MD
1983-1986 Senior Staff Fellow, Laboratory of Molecular Oncology, Division of Cancer
Etiology, National Cancer Institute, Frederick, MD
1986-1996 Research Chemist, Laboratory of Molecular Oncology, Division of Basic
Sciences, National Cancer Institute, Frederick, MD
1993-1996 Acting Chief, Laboratory of Molecular Oncology, Division of Basic
Sciences, National Cancer Institute, Frederick, MD
1996-present Research Chemist, Laboratory of Genomic Diversity, Division of Basic
Sciences, National Cancer Institute, Frederick, MD

Societies:

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| 1982 | Member, Source Selection Group, National Cancer Institute, for choosing support contractor for Dr. Jeffrey Schlom |
| 1982-1991 | Representative of National Cancer Institute to GenBank contract (biological sequence database) |
| 1984-1988 | Member, Award Fee Evaluation Board, Frederick Cancer Research and Development Center, for evaluation of contract support provided by Information Management Services, Inc. |
| 1987-1993 | Principal Investigator, Radiation Program 87-03, Frederick Cancer Research and Development Center |
| 1988 | Ad hoc member of Advisory Committee on Cell and Developmental Biology, American Cancer Society, for review of grant applications |
| 1988 | Member, Initial Review Group, American Red Cross, for reviewing matching fund applications |
| 1989-1993 | Member, Award Fee Evaluation Board, Frederick Cancer Research and Development Center, for evaluation of contract support provided by Data Management Services, Inc. |
| 1989 | Member, Special Review Committee, National Cancer Institute, for review of program project grant application of The Research Institute of the Scripps Clinic |
| 1990-1994 | Member, MIS End-Users Subcommittee, Frederick Cancer Research and Development Center, for review of administrative automatic data processing procedures |

Honors and Other Special Scientific Recognition:

- University of Rochester Honorary Scholarship, 1964-1968
National Science Foundation Undergraduate Research Participantships, 1966-1967

Research Interests:

Oncogenes, cellular transformation, DNA structure and function, synthesis of eukaryotic proteins in bacteria by recombinant DNA technology, analysis of DNA sequence by computers, human retroviruses.

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2. Eskin, B., Lautenberger, J.A. and Linn, S.: On the host-controlled modification and restriction of phage T7 by Escherichia coli B. J. Virol. 11:1020-1023, 1973.
3. van Ormondt, H., Lautenberger, J.A., Linn, S. and De Waard, A.: Methylated oligonucleotides derived from bacteriophage fd RF-DNA modified in vitro by Escherichia coli B modification methylase. Fed. Eur. Biochem. Soc. Letters 33:177-180, 1973.
4. Linn, S., Lautenberger, J.A., Eskin, B. and Lackey, D.: The host-controlled restriction and modification enzymes of Escherichia coli B. Fed. Proc. 33:1128-1134, 1974.
5. Lautenberger, J.A.: The host-controlled modification methylase from Escherichia coli B. Ph.D. Thesis, University of California, Berkeley, June 1974.
6. Lautenberger, J.A., Kan, N.C., Lackey, D., Linn, S., Edgell, M.H. and Hutchison III, C.A.: Recognition site of the Escherichia coli B restriction enzyme on FXsB1 and SV40 DNAs: an interrupted sequence. Proc. Natl. Acad. Sci. USA 75:2271-2275, 1978.
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11. Lautenberger, J.A., Schulz, R.A., Garon, C.F., Tschlis, P.N. and Papas, T.S.: Molecular cloning of avian myelocytomatosis virus (MC29) transforming sequences. Proc. Natl. Acad. Sci. USA 78:1518-1522, 1981.

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REVIEWS, CHAPTERS AND BOOKS

1. Linn, S., Eskin, B., Lautenberger, J.A., Lackey, D. and Kimball, M.: Host-controlled modification and restriction enzymes of Escherichia coli B and the role of adenosylmethionine. In Salvatore, F., Borek, E., Zappia, Y., WilliamsAshman, H.G., and Schlenk, F. (Eds.): The Biochemistry of Adenosylmethionine. New York, Columbia University Press, 1977, pp. 521-535.
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