

BIOGRAPHICAL SKETCH

Give the following information for the key personnel and consultants and collaborators. Begin with the principal investigator/program director. Photocopy this page for each person.

NAME	POSITION TITLE
Robert H. Chiu, Ph.D.	Assistant Professor

EDUCATION (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)			
INSTITUTION AND LOCATION	DEGREE	YEAR CONFERRED	FIELD OF STUDY
Kaohsiunh Medical College, Taiwan	B.S.	1967	Pharmacy
University of California, Riverside	M.S	1976	Biochemistry
University of Southern California, Los Angeles	Ph.D.	1983	Molecular Biology
University of Southern California, Los Angeles	Postdoc.	1983-1986	Microbiology

RESEARCH AND PROFESSIONAL EXPERIENCE: Concluding with present position, list, in chronological order, previous employment, experience, and honors. Key personnel include the principal investigator and any other individuals who participate in the scientific development or execution of the project. Key personnel typically will include all individuals with doctoral or other professional degrees, but in some projects will include individuals at the masters or baccalaureate level provided they contribute in a substantive way to the scientific development or execution of the project. Include present membership on any Federal Government public advisory committee. List, in chronological order, the titles, all authors, and complete references to all publications during the past three years and to representative earlier publications pertinent to this application. If the list of publications in the last three years exceeds two pages, select the most pertinent publications. DO NOT EXCEED TWO PAGES.

PROFESSIONAL EXPERIENCE:

- 10/1/89- : Assistant Professor, Division of Surgical present Oncology, UCLA School of Medicine.
- 1986-1989 : Assistant Research Biochemist, Department of Pharmacology, University of California, San Diego
- 1983-1986 : Postdoctoral Fellow, Department of Microbiology, University of Southern California, Los Angeles
- 1979-1983 : Teaching Assistant, Department of Biological Science, University of Southern California, Los Angeles
- 1976-1979 : Biochemist, Bentley Laboratories, Irvine, CA.
- 1974-1975 : Research Assistant, School of Pharmacy, University of Southern California, Los Angeles
- 1972-1974 : Research Fellow, Department of Biochemistry, U.S. Naval Medical Research Unit No.2, Taipei
- 1968-1972 : Research and Teaching Assistant, Dept. of Biochemistry, Kaohsiung Medical College, Kaohsiung, Taiwan

PUBLICATIONS: (partial list, total publications:31)

1. Angel, P., Imagawa, M., Chiu, R., Stein, R., Imbra, R., Rahmsdorf, H., Jonat, C., Herrlich, P. and Karin, M. (1987) Phorbol ester inducible genes contain a common cis element recognized by a TPA-modulated trans-acting factor. *Cell*, **49**:729.
2. Chiu, R., Imagawa, M., Imbra, R., Bockoven, J. and Karin, M. (1987) Multiple cis and trans-acting elements mediate the transcriptional response to phorbol esters. *Nature* **329**:648.
3. Dinter, H., Chiu, R., Imagawa, M., Karin, M. and Jones, K. (1987) In vitro activation of the HIV-1 enhancer in extracts from cells treated with a phorbol ester tumor promoter. *EMBO J.*, **6**:4067.
4. Imagawa, M., Chiu, R. and Karin, M. (1987) Transcription factor AP-2 mediates induction by two different signal transduction pathways: protein kinase C and cAMP. *Cell*, **51**:251.
5. Chiu, R., Imbra, R., Imagawa, M. and Karin, M. (1988) Metallothionein structure and function in regulating the trace element in human. Trace element research in human, Alan R.