

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 Vishva M. Dixit, M.D.	POSITION TITLE Associate 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
University of Nairobi Medical School, Nairobi, Kenya	M.D.	1980	Medicine
Washington University School of Medicine, St. Louis, MO	Post-Doc.	1982-1986	Biochemistry

RESEARCH AND/OR 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. DO NOT EXCEED TWO PAGES.

Professional Experience:

1975-1980 **Medical Student**, Univ. of Nairobi Medical School; Nairobi, Kenya
 1980-1981 **Intern**-Kenya National Hospital, Department of Medicine
 1981-1986 **Resident**, Pathology and Medicine, Barnes Hospital, St. Louis, MO
 1982-1986 **Postdoctoral Fellow** in Biological Chemistry, Josiah Macy Foundation
 1986-1991 **Assistant Professor of Pathology**, Univ. of Michigan Med. Sch., Ann Arbor, MI
 1991-present **Associate Professor of Pathology**, Univ. of Michigan Med. Sch., Ann Arbor, MI

Honors and Awards:

1980, Tommy-Adamson Award for best student in Obstetrics and Gynecology; 1980, Kenya Medical Association Award for best student in Pathology; 1980, Kamala Memorial Award for best overall medical student; 1981, Josiah Macy Foundation Postdoctoral Fellowship; 1989, American Heart Association Established Investigatorship Award

Bibliography:

PUBLICATIONS (Selected out of a total of over 80 publications in peer reviewed journals, NOT including reviews or textbook chapters):

Selected Representative Publications from the Past 5 years

1. Laherty, C., Gierman, T., Dixit, V.M.: Characterization of the promoter region of the human thrombospondin gene. DNA sequences within the first intron increase transcription. **J. Biol. Chem.** 264:11222-11227 (1989).
2. Yabkowitz, R., Lowe, J.B., Dixit, V.M.: Expression and initial characterization of a recombinant human thrombospondin heparin binding domain. **J. Biol. Chem.** 264:10888-10896 (1989).
3. Prochownik, E.V., O'Rourke, K.M., Dixit, V.M.: Expression and analysis of COOH-terminal deletions of the human thrombospondin molecule. **J. Cell Biol.** 109:843-852 (1989).
4. Dixit, V.M., Marks, R.M., Sarma, V., Prochownik, E.V.: The antimitogenic action of tumor necrosis factor is associated with increased AP-1/c-jun proto-oncogene transcription. **J. Biol. Chem.** 264(28):16905-16909 (1989).
5. Dixit, V.M., Green, S., Sarma, V., Holzman, L., Wolf, F.W., O'Rourke, K., Ward, P.A., Prochownik, E.V., Marks, R.M.: Tumor necrosis factor- α induction of novel genes in human endothelial cells including a macrophage specific chemotaxin. **J. Biol. Chem.** 265:2973-2978 (1990).
6. O'Shea, K.S., Rheinheimer, J.S.T., Dixit, V.M.: Deposition and role of thrombospondin in the histogenesis of the cerebellar cortex. **J. Cell Biol.** 110(4):1275-1283 (1990).
7. Opipari, A.W., Boguski, M.S., Dixit, V.M.: The A20 cDNA induced by tumor necrosis factor- α encodes a novel type of zinc finger protein. **J. Biol. Chem.** 265:14705-14708 (1990).
8. Holzman, L.B., Marks, R.M., Dixit, V.M.: A novel immediate-early response gene of endothelium is induced by cytokines and encodes a secreted protein. **Mol. Cell. Biol.** 10:5830-5838 (1990).