

BIOGRAPHICAL SKETCH

Give the following information for the key personnel, consultants, and collaborators listed on page 4.
Photocopy this page for each person.

| | | | |
|---|----------------------|---------------------------|----------------|
| NAME | POSITION TITLE | BIRTHDATE (Mo., Day, Yr.) | |
| Carl W. Miller | Assistant Researcher | 10/7/51 | |
| 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 |
| Vassar College, New York | BA | 1974 | Biochemistry |
| Columbia University, New York | MA | 1978 | Genetics |
| | M.Phil | 1983 | Genetics |
| | Ph.D. | 1983 | Genetics |

RESEARCH AND/OR PROFESSIONAL EXPERIENCE: Concluding with present position, list in chronological order previous employment, experience, and honors. Include present membership on any Federal Government Public Advisory Committee. List, in chronological order, the titles 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:

1983-Present Postdoctorate, Department of Medicine, University of California, Los Angeles
 1977-1983 Graduate Student, Department of Human Genetics and Development, Columbia University, NY
 1974-1977 Research Assistant, Department of Neurology, Columbia University, NY

Honors:

1985-1986 Bank of America-Giannini Foundation, Postdoctoral fellowship
 1977-1981 NIH Graduate Traineeship

Publications:

Snider SH, Miller CW, Prasad ALN, Jackson V, Fahn S: Is Dopamine A Neurohormone of the Adrenal Medulla. N.S. Archives of Pharmacology 297:17-22, 1977.
 Burns AL, Spence S, Kosche K, Ramirez F, Mears G, Schreiner H, Miller CW, Schreiner H, Bank A: Isolation and Characterization of Cloned DNA: The Delta and Beta-Globin Genes in Homozygous Beta-Thalassemia. Blood 57:140-145, 1981.
 Miller CW, Nakamura FT, Bloom AD: Mutagenesis at the Ouabain (OUA) Locus in Human Lymphoblasts. Environmental Mutagenesis 4: 372, 1982.
 Miller CW: Metabolism of Specific Globin mRNAs in K562 Cells. Dissertation, Columbia University, 1983.
 Miller CW, Young K, Dumenil D, Alter BP, Schofield JM, Bank A: Specific Globin mRNAs in Human Erythroleukemia (K562) Cells. Blood 63:195-201, 1984.
 Miller CW, Koeffler HP: The molecular biology of differentiation and proliferation using human myelogenous leukemia cells. Bioessays 5:18-21, 1986.
 Miller CW, Mohandas T, Wolf D, Prokocimer M, Rotter V, Koeffler HP: Human p53 gene is localized to on short arm of chromosome 17 in humans. Nature 319:783-784, 1986.
 Koeffler HP, Miller CW, Nicholson MA, Ranyard J, Bosselman RA: Elevated p53 Expression of p53 Protein in Human Leukemia Cells. Proc. Natl. Acad. Sci (USA) 83: 4035-4039, 1986.
 Miller CW, Koeffler HP: In vivo and in vitro differentiation of myeloid leukemic cells. Johns Hopkins Press, Alvin M Mauer, Editor, IN: The Biology of Human Leukemia, in press.
 Tobler A, Miller CW, Johnston D, Koeffler HP: Recombinant human tumor necrosis factor α regulates c-myc expression in HL-60 cells at the level of transcription. Blood 70:200-205, 1987.
 Johnson KR, Nauseef WM, Care A, Wheelock MJ, Shane S, Hudson S, Koeffler HP, Selsted M, Miller CW, Rovera G: Isolation of cDNA clones for human myeloperoxidase: Predicted amino acid sequence and evidence for two mRNA species. Nucleic Acids Res 15(5):2013-2027, 1987.