

## PRINCIPAL INVESTIGATOR/PROGRAM DIRECTOR: Reen Wu

## BIOGRAPHICAL SKETCH

Give the following information for key professional consultants listed on page 2. Begin with the Principal Investigator/Program Director. Photocopy this page for each person.

NAME Wu, Reen	POSITION TITLE Associate Adjunct Professor	BIRTHDATE (Mo., Day, Yr.) 9/15/43	
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
National Taiwan Univ., Taipei, Taiwan	B.S.	1965	Agricultural Chem.
National Taiwan Univ., Taipei, Taiwan	M.S.	1968	Biochemistry
University of Arkansas, Medical Center, Little Rock, Arkansas	Ph.D.	1972	Biochemistry

RESEARCH AND 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.

- 1972-1974 ACS and NIH Postdoctoral Fellowships, University of California, San Diego. Research experience: Regulation of T4 phage late gene expression.
- 1974-1976 Postgraduate Research Biologist, University of California, San Diego. Research experience: In Vitro selective transcription of T4 late genes.
- 1976-1977 National Research Service Award, Assistant Research Biologist, University of California, San Diego. Research experience: Hormonal regulation of cell growth and gene expression.
- 1978-1979 IPA, Natl. Inst. Environ. Health Science, Research Triangle Park, North Carolina. Research experience: Pulmonary epithelial cell culture.
- 1980-1982 Research Chemist, Natl. Inst. Environ. Health Science, Research Triangle Park, North Carolina. 1981 - Quality Increase Award. Group Leader of Pulmonary Cell Biology Group, Laboratory of Pulmonary Function and Toxicology. Research experience: Tracheal cell culture and mucociliary functions.
- 10/1982-1/1983 Visiting Scientist, Pulmonary Division, University of North Carolina, Chapel Hill, North Carolina. Research experience: Human airway epithelial cell cultures.
- 1983-1985 Senior Scientist, W. Alton Jones Cell Science Center, Lake Placid, New York. Research experience: Airway epithelial cell differentiation and neoplastic cell development.
- 1985-Present Associate Adjunct Professor, University of California, Davis. Research interest: Mucous cell differentiation, retinoid action and gene expression, hormonal regulation of neoplastic cell development.

Publications: (Recent publications)

- \*Wu, R., Wolfe, R.A., and Sato, G.H. (1981) Distinctive effects of hydrocortisone of the modulation of EGF binding and cell growth in HeLa cells grown in defined medium. *J. Cell. Physiol.* 108:83-90.
- Wu, R. and Smith, D. (1982) Continuous multiplication of rabbit tracheal epithelial cells in a defined hormone-supplemented medium. *In Vitro* 18:800-812.
- Wu, R., Groelke, J.W., Chang, L.Y., Porter, M.E., Smith, D., and Nettesheim, P. (1982) Effects of hormones on the multiplication and differentiation of tracheal epithelial cells in culture. In: *Growth of Cells in Hormonally Defined Media* (Sirbasku, D., Sato, G.H., and Pardee, A., eds.), Cold Spring Harbor, New York, Chapter 55.
- Nettesheim, P., Pai, B., Steele, V., and Wu, R. (1982) Growth and differentiation of rat tracheal epithelial cells in primary culture and during in vitro neoplastic development. In: *In Vitro Epithelial Cell Differentiation and Neoplasia* (Smith, G.J. and Stewart, B.W., eds.), The Australian Cancer Society, Sydney, Cancer Forum 6:130-149.