

**BIOGRAPHICAL SKETCH**

Provide the following information for the key personnel and other significant contributors in the order listed on Form Page 2.  
Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME Noranna B. Warner, MD, PhD	POSITION TITLE		
eRA COMMONS USER NAME	Clinical Associate Professor of Medicine		
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
University of Tennessee, Knoxville, TN	BS	1968	Chemistry
University of Tennessee, Knoxville, TN	PhD	1971	Biochemistry
University of Tennessee, Memphis, TN	MD	1975	Medicine

**A. Positions and Honors:**

1978-1979 Chief Medical Resident, Memphis Veterans Administration Medical Center  
 1978-1979 Instructor, Dept. of Medicine, Univ. of Tennessee at Memphis  
 1981-1983 Instructor, Dept. of Internal Medicine, Div of Rheumatology, Univ of TX Medical School  
 1990-Present Assoc Professor, Dept. of Internal Medicine, Div of Rheumatology, Univ of TX Med School

**HONORS:**

1975 Alpha Omega Alpha  
 1975 Faculty Medal – Graduated first in medical class of 108  
 1983-1984 Letter from Dean for Teaching Excellence  
 1985-1986 Letter from Dean for Teaching Excellence  
 1986-1987 Letter from Dean for Teaching Excellence  
 1988-1989 Letter from Dean for Teaching Excellence  
 1989-1990 Letter from Dean for Teaching Excellence  
 1990-1991 Letter from Dean for Teaching Excellence  
 1991-1992 Letter from Dean for Teaching Excellence  
 1992-1993 Letter from Dean for Teaching Excellence  
 1993-1994 Letter from Dean for Teaching Excellence  
 1994-1995 Letter from Dean for Teaching Excellence  
 1995-1996 Letter from Dean for Teaching Excellence  
 1996-1997 Letter from Dean for Teaching Excellence  
 1997-1998 Letter from Dean for Teaching Excellence  
 1998-1999 Letter from Dean for Teaching Excellence  
 1999-2000 Letter from Dean for Teaching Excellence  
 2000-2001 Letter from Dean for Teaching Excellence

**B. Publications Refereed:**

- Burridge N, and Churchich JE: "Photoinactivation of Aspartate Amino-transferase." J Biol Chem 245:6258, 1970.
- Burridge N and Churchich JE: "Effects of Potassium Iodide on Aspartate Aminotransferase". Europ J Biochem 41:533, 1974.
- Volkow ND, Warner NB, McIntyre R, Valentine A, and Kulkarni M: Cerebral involvement in systemic lupus erythematosus. American J Physiol Imaging 3:91, 1988.
- Olsen ML, Arnett FC, Rosenbaum D, Grotta J, Warner NB: Sjogren's syndrome and other rheumatic disorders presenting to a neurology service. J Autoimmunity 2:477-483, 1989.

Principal Investigator/Program Director (Last, First, Middle):

5. Moulds JM, Rolih C, Goldstein R, Whittington KF, Warner NB, Targoff IN, Reichlin M, Arnett FC: C4 nul genes in American whites and blacks with myositis. *J Rheumatol* 17:331-334, 1990.
6. Goldstein R, Duvic M, Targoff IN, Reighlin M, McMenemy AMm Reveille JD, Warner NB, Pollack M, Arnett FC: HLA-D region genes associated with autoantibody responses to Jo-1 (histidyl tRNA synthetase) and other translation-related factors in myositis. *Arthritis Rheum* 33:1240-1248, 1990.
7. Shah F, Rapini R, Arnett FC, Warner NB, Smith CA: Association of labial salivary gland histopathology with clinical and serologic features of connective tissue diseases. *Arthritis Rheum* 33:1682-1687, 1990.
8. Olsen ML, O'Connor S, Arnatt FC, Rosenbaum D, Grotta JC, Warner NB: Autoantibodies and rheumatic disorders in a neurologic inpatient population: a prospective study. *Amer J Med* 90:479-491, 1991.
9. Moulds JM, Warner NB, Arnett FC: Quantitative and antigenic differences in complement component C4 between American whites and blacks. *Complement Inflamm* 8:281-287, 1991.
10. Moulds JM, Warner NB, Arnett FC: Complement component C4A and C4B levels in systemic lupus erythematosus: quantitation in relation to C4 null status and disease activity. *J Rheumatol* 20:443-447, 1993.
11. Vine JE, Hymes SR, Warner NB, Cohen PR: Pustular psoriasis induced by hydroxychloroquine: a case report and review of the literature. *J Derm* 23:357-361, 1996.
12. Brod SA, Friedman AW, Appleyard J, Warner NB: Ingested IFN-a has biological effects in rheumatoid arthritis. *Int J Immunother* 16 (3-4), 53, 2000.