

## CURRICULUM VITAE AND BIBLIOGRAPHY

DATE: Feb 14, 2008

NAME: PRAVITT R GOURH, M.D.

PRESENT TITLE: Instructor in Medicine

ADDRESS: (OFFICE)  
University of Texas Medical School  
Division of Rheumatology and Clinical Immunogenetics  
6431 Fannin St  
MSB 5.257  
Houston, TX 77030  
Tel: 713-500-6847  
Fax: 713-500-0580  
Email: pravitt.gourh@uth.tmc.edu

### UNDERGRADUATE/GRADUATE EDUCATION:

1994-1999 MBBS, Medical College, Maharaja Sayajirao University, Baroda, Gujarat, INDIA

### POSTGRADUATE TRAINING:

1999-2000 Intern, Sir Sayajirao General Hospital, Baroda, Gujarat, INDIA

### RESEARCH TRAINING:

1999-2000 Sir Sayajirao General Hospital : Research Assistant  
Advisor: Dr Rajesh M Brahmhatt, M.D.  
Department of Medicine

2000-2003 Texas Tech University Health Sciences Center : Research Assistant  
Advisor: Dr Penelope Coates, Ph.D.  
Department of Medical Microbiology and Immunology

2003-2004 University of Texas Health Sciences Center : Research Assistant-II  
Advisor: Dr Dianna M. Milewicz, M.D., Ph.D.  
Division of Medical Genetics

2004-2005 University of Texas Health Sciences Center : Senior Research Assistant  
Advisor: Dr Filemon K. Tan, M.D., Ph.D.  
Division of Rheumatology and Clinical Immunogenetics

2005-2006 University of Texas Health Sciences Center : Senior Research Associate  
Advisor: Dr Frank C. Arnett, M.D.

Division of Rheumatology and Clinical Immunogenetics

2006-Present University of Texas Health Sciences Center : Instructor in Medicine  
Advisor: Dr Frank C. Arnett, M.D.  
Division of Rheumatology and Clinical Immunogenetics

LICENSURE:

2000- Present Gujarat, INDIA License no. G-28869

PROFESSIONAL ORGANIZATIONS (AND COMMITTEES OF THESE):

LOCAL:

2000-2002 Graduate Students Association, TTUHSC  
2001-2002 Student Senate, TTUHSC  
2001-2002 Officer, Student Research Day Committee, TTUHSC

REGIONAL:

1999-Present Gujarat Medical Association

NATIONAL:

1999-Present Indian Medical Association  
2000-2003 American Society for Microbiology  
2005-Present American Society of Human Genetics  
2005-Present American College of Rheumatology

HONORS AND AWARDS:

1998 Received Certificate in Eleventh Indian Academy of Pediatrics Quiz  
2000-2001 Graduate School of Biomedical Sciences Research Assistantship, TTUHSC  
2000-2003 Microbiology and Immunology Competitive Scholarship, TTUHSC  
2002 Winner in Microbiology and Immunology Department Research Award  
2007 Carwile Leroy/Joseph Korn Prize for Research in Scleroderma

SERVICE TO THE COMMUNITY:

1996-2000 Regularly visited underprivileged housing areas in Baroda, Gujarat, India to give treatment and dispense medicine to the poor and the needy  
2001 Collected coats and clothes for "Share the Warmth Drive"  
2001-2002 Participated in "Phonathon" to raise scholarship money for students at TTUHSC  
2002 Raised scholarship money for students at TTUHSC  
2005 Volunteered at UT Clinic at George R. Brown Convention Center for Katrina Relief Efforts

Involved in the training and teaching of residents and fellows in research techniques and methodologies.

MENTORING: (Pre- and post-doctoral students)

2003 Erika Farber, Undergraduate, Harvard University, Boston  
2003 Bradley Faglie, BS, UTHSC-Houston  
2004 Sundus Lodhi, Internal Medicine Resident, UTHSC-Houston  
2005 Robert Honey, Medical Student, UTHSC-Houston  
2005 Sheila Albuquerque MD, Rheumatology Fellow, UTHSC-Houston  
2006 Ana Arango MD, Rheumatology Fellow, UTHSC-Houston  
2006 Mani Mirzaee, Undergraduate  
2006 Cameron Poage, Undergraduate, UT-Austin  
2006 Rajpreet Arora DO, Internal Medicine Resident, UTHSC-Houston  
2007 Rajpreet Arora DO, Rheumatology Fellow, UTHSC-Houston  
2007 Kari Sutter MD, Rheumatology Fellow, UTHSC-Houston

CURRENT GRANT SUPPORT:

Centers of Research Translation in Systemic Sclerosis, PI: Frank C. Arnett, NIH/NIAMS, 2001-2006, \$7,382,620. **Pravitt Gourh** (Instructor)

PAST GRANT SUPPORT:

Specialized Centers of Research in Scleroderma (P50AR448888), PI: Frank C. Arnett, NIH/NIAMS, 2001-2006, \$5,549,941. **Pravitt Gourh** (Sr. Research Associate)

PUBLICATIONS:

A. Abstracts

- 1) Arora-Singh RK, **Gourh P**, Divecha D, Arnett FC, Tan FK, Mayes MD. Association of Topoisomerase 1 Gene polymorphisms with Systemic Sclerosis from the Scleroderma Registry. *Arthritis Rheum.* 2007 Dec;56(12):4303
- 2) Sutter K, **Gourh P**, Mayes MD, Arnett FC, Tan FK. Association of IL2RA Polymorphism with Limited Systemic Sclerosis. *Arthritis Rheum.* 2007 Dec;56(12):4304
- 3) **Gourh P**, Arnett FC, Shete S, Mayes MD, Tan FK. Gene-gene Interactions Mediating Susceptibility To Scleroderma: Investigation Of A 3 Gene Network. *Arthritis Rheum.* 2007 Sep;56(9):S66
- 4) Assassi S, Mayes MD, **Gourh P**, Arnett FC, Reveille JD, Poage C, McNearney T, Fischbach M, Tan FK. Systemic Sclerosis and Systemic Lupus Erythematosus have Distinct Gene Expression Profiles in the Peripheral Blood Cells. *Arthritis Rheum.* 2007 Sep;56(9):S67

- 5) **Gourh P**, Zhou X, Assassi S, Arnett FC, Tan FK. Comparative Analysis Of Dermal Fibroblast Gene Expression Profiles From Patients With Systemic Sclerosis And Hypertrophic Burn Scars. *Arthritis Rheum.* 2007 Sep;56(9):S66
- 6) **Gourh P**, Tan FK, Zhou X, Arnett FC. Treatment of normal human fibroblasts with anti-fibrillin-1 antibody recapitulates some aspects of SSc fibroblast gene profile. Professor E. Carwile LeRoy Memorial International Workshop on Scleroderma. Tokyo, Japan: May 18-20, 2007
- 7) Arora-Singh RK, **Gourh P**, Mayes MD, Arnett FC, Tan FK. Association of T-box transcription factor *T-Bet (TBX21)* Polymorphism with Systemic Sclerosis. Scleroderma International Workshop. Milan, ITALY: Mar 7-10, 2007
- 8) **Gourh P**, Guo X, Zhou X, Tan FK. Anti-Fibrillin causes normal fibroblasts to express the scleroderma gene profile signature. UTHSC-H 2006 Research Day: 29
- 9) **Gourh P**, Tan FK, Mayes MD, Arnett FC. Association of Functional TYK2 V362F Polymorphism with Systemic Sclerosis. *Arthritis Rheum.* 2006 Nov;Supplement:16
- 10) Arora-Singh RK, **Gourh P**, Tan FK, Perry M, Mayes MD. PDGFB Gene Polymorphisms are Associated with Scleroderma in Caucasians from the Scleroderma Registry. *Arthritis Rheum.* 2006 Nov;Supplement:17
- 11) Arango AM, **Gourh P**, Tan FK, Reveille JD, Braun MC. Polymorphism of the C5a Receptor in Systemic Lupus Erythematosus Patients from 3 Ethnic Groups. *Arthritis Rheum.* 2006 Nov;Supplement: 64
- 12) **P Gourh**, FC Arnett , FK Tan Anti-Fibrillin-1 Antibody Enhances the Incorporation of Fibrillin-1 into the Extracellular Matrix. *Arthritis Rheum.* 2006 Sep;54(9):S730
- 13) F Alkassab, **P Gourh**, FK Tan, TA McNearney, M Fischbach, CW Ahn, FC Arnett, MD Mayes. An allograft inflammatory factor 1 (*AIFI*) single nucleotide polymorphism (SNP) is associated with anticontromere antibody positive systemic sclerosis. *Arthritis Rheum.* 2006 Sep;54(9):S732
- 14) S Assassi, FC Arnett, JD Reveille, **P Gourh**, MD Mayes Clinical and Immunological Features of Familial Systemic Sclerosis. *Arthritis Rheum.* 2006 Sep;54(9):S485
- 15) Honey R, Vu B, **Gourh P**, Ahn C, Mayes M, Reveille JD, Arnett FC. Genetic and autoantibody differences in systemic sclerosis among Caucasians, Hispanics and African-Americans. 2005

- 16) **Gourh P**, Assassi S, Watson K, Mayes MD, Tan FK, Arnett FC. Association of Functional *PTPN22* 1858 C→T Polymorphism with Systemic Sclerosis. *Arthritis Rheum.* 2005 Sep;52(9):S369
- 17) Tan FK, Zhou X, Mayes MD, **Gourh P**, Guo X, Marcum C, Jin L, Arnett FC. Gene Expression Signatures of Vasculotropism in Peripheral Blood Cells from Patients with Early Systemic Sclerosis. *Arthritis Rheum.* 2005 Sep;52(9):S366
- 18) Assassi S, **Gourh P**, Tan FK, Targoff IN, Arnett FC. Case Control Studies of *PTPN22* 1858 C→T Polymorphism in Idiopathic Inflammatory Myositis Patients. *Arthritis Rheum.* 2005 Sep;52(9):S309-S310
- 19) **Gourh P**, Coates P. Autism: A Bacterial Connection?

#### B. Refereed Original Articles in Journals

- 1) F Alkassab, **P Gourh**, FK Tan, TA McNearney, M Fischbach, CW Ahn, FC Arnett, MD Mayes. An allograft inflammatory factor 1 (*AIF1*) single nucleotide polymorphism (SNP) is associated with anticentromere antibody positive systemic sclerosis. *Rheumatology (Oxford).* 2007 Aug;46(8):1248-51.
- 2) S Assassi, FC Arnett, JD Reveille, **P Gourh**, MD Mayes Clinical and Immunological Features of Familial Systemic Sclerosis. (*Arthritis and Rheumatism*) 2007 May 25;56(6):2031-2037
- 3) **P Gourh**, FK Tan, S Assassi, CW Ahn, TA McNearney, M Fischbach, FC Arnett, MD Mayes. Association of the *PTPN22* R620W Polymorphism with Topoisomerase-I and Centromere Autoantibody Positive Systemic Sclerosis. (*Arthritis and Rheumatism*) 2006 Dec;54(12):3945-53
- 4) Tan FK, Zhou X, Mayes MD, **Gourh P**, Guo X, Marcum C, Jin L, Arnett FC. Signatures of differentially regulated interferon gene expression and vasculotropism in the peripheral blood cells of systemic sclerosis patients: *Rheumatology (Oxford).* 2006 Jun;45(6):694-702
- 5) **Gourh P**, Mayes MD, Arnett FC. CTGF polymorphism associated with systemic sclerosis. *New England Journal of Medicine.* 2008 Jan 17;358(3):308-9