

Curriculum Vitae

Meenakshi Maitra
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Richland College
12800 Abrams Road
Dallas, TX 75243

Education

UT Southwestern Medical Center, Dallas, TX
Post Doctoral Research Fellow

Indian Institute of Chemical Biology, India
Ph.D. in Human and Molecular Genetics

Banaras Hindu University, India
M.S. in Zoology

Bethune College, India
B.S. Honors in Zoology

Teaching Experience

Collin College, McKinney, TX
Associate Faculty – BIOL 2401 and BIOL 2402

August 2010- April 2012

Selected Publications and Papers

- **Chakravorty, M.**, Ghosh, A., Choudhury, A., Santra, A., Hembrum, J., and Roychoudhury, S. (2006). Interaction between IL1B gene promoter polymorphisms in determining susceptibility to Helicobacter pylori associated duodenal ulcer. **Hum Mutation** 27, 411-419.
- **Maitra, M.**, Schluterman, M.K., Nichols, H.A., Richardson, J.A., Lo, C.W., Srivastava, D., and Garg, V. (2009). Interaction of Gata4 and Gata6 with Tbx5 is critical for normal cardiac development. **Dev Biol** 326, 368-377.
- **Maitra, M.**, Wang, Y., Gerard, R.D. Mendelson, C. and Garcia, C.K.(2010) Surfactant Protein A2 mutations associated with pulmonary fibrosis lead to protein instability and endoplasmic reticulum stress. **J Biol. Chem.** 285, 22103-22113
- **Maitra, M.**, Cano, C.A. and Garcia, C.K.(2012) Expression of Surfactant Protein A2 Mutations Associated with Familial Pulmonary Fibrosis and Lung Cancer induces TGF-beta1 Secretion. **PNAS** 109, 21064–21069
- **Maitra, M.**, Dey, M. Yuan W-C, Nathanielz, P.W and Garcia, C.K.(2013) Lung Fibrosis Associated Surfactant Protein A1 and C Variants Induce Latent TGF-β1 Secretion in Lung Epithelial Cells **J Biol. Chem.** 288: 27159-27171

I certify that statements made by me in this vitae are true, complete and correct.

Relevant Work Experience

- **Sprim, Research and Clinical Services** *Medical Writer*, 2009
- **Departmental representative** for the Post Doctoral Association and Associate to the Career Development Committee, 2011-2013
- **Research Mentor for Summer Interns**, 2008-2013: Was responsible for the training and supervision of nine undergraduate student interns who participated in the four-month UTSW SURF program. Managed their scientific training, oral/ poster presentation
- **Chair of Human Genetics Training and Seminar Series**, 1999-2001: Planned and executed weekly journal clubs, work in progress reports and scientific paper presentations by students and faculty members. Conducted workshops for high school seniors on career in biomedicine and basic laboratory practices

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