

HONGBIN LIU, MS, PhD., CGC

CURRENT POSITION

Connective Tissue Gene Tests, LLC. Allentown, PA.
Genetic Counselor, June 2012-present

BOARD CERTIFICATION

American Board of Genetic Counseling, October 2013

EDUCATION

MS	2012	Genetic Counseling Program, Arcadia University, US
PhD	2001	Cardiovascular Molecular Biology, Hebei Medical University, China
MS	1994	Physiology, East China Normal University, China
BS	1991	Biology, East China Normal University, China

PROFESSIONAL EXPERIENCE

6/2012 – present	Laboratory Genetic Counselor, Connective Tissue Gene Tests, LLC
2/2012-4/2012	OB/GYN-Genetics, Hospital of University of Pennsylvania Maternal Fetal Medicine, Pennsylvania Hospital
11/2011 – 2/2012	Biochemical Genetics, Children's Hospital of Philadelphia
9/2011-11/2011	Virtua Fox Chase Cancer Genetics Program, Marlton, NJ
5/2011 – 6/2011 & 7/2011 – 8/04/2011	Prenatal genetic counseling, Integrated Genetics
6/2011 – 7/2011	Laboratory Genetic Counseling Program, Cytogenetics Laboratory, Mayo Clinic
1/2011 – 4/2011	Wills Eye Institute, Philadelphia
9/2010–12/2010	Clinical Genetics, Children's Hospital of Philadelphia

RESEARCH EXPERIENCE

9/2011-5/2012	Novel clinical manifestations in Pallister–Killian Syndrome. Department of Clinical Genetics, Children's Hospital of Philadelphia
5/2006–6/2010	Heart development. Case Western Reserve University
7/2002–4/2006	Peripheral neuron differentiation and specification. University of Toledo

9/1998–7/2001 Biological behavior of smooth muscle cells in response to endothelial damage. Hebei Medical University

PROFESSIONAL MEMBERSHIP

National Society of Genetic Counselors

SELECTED PUBLICATIONS

- Wilkens A, **Liu H**, Park K, Campbell LB, Jackson M, Kostanecka A, Pipan M, Izumi K, Pallister P, Krantz ID. Novel clinical manifestations in Pallister–Killian Syndrome: Comprehensive evaluation of 59 affected individuals and review of all previously reported cases. *Am J Med Genet A*. 2012. 158A:3002-17
- **Liu H**, Yang Q, Radhakrishnan K, Whitfield DE, Everhart CL, Parsons–Wingerter P, and Fisher SA. Role of VEGF and tissue hypoxia in patterning of neural and vascular cells recruited to the embryonic heart. *Dev. Dyn*. 2009. 238:2760–2767.
- **Liu H** and Fisher SA. Hypoxia–inducible transcription factor–1 trigger an autocrine pathway in cardiac outflow tract remodeling. *Circ Res*. 2008, 102: 1331–1339.
- Hendershot TJ, **Liu H**, Clouthier DE, Shepherd IT, Coppola E, Studer M, Firulli AB, Pittman DL, and Howard MJ. Conditional deletion of Hand2 reveals critical functions in neurogenesis and cell type–specific gene expression for development of neural crest–derived noradrenergic sympathetic ganglion neurons. *Dev. Biol*. 2008, 319(2): 179–191.
- Hendershot TJ, **Liu H**, Sarkar AA, Giovannucci DR, Clouthier DE, Abe M, and Howard MJ. Expression of Hand2 is sufficient for neurogenesis and cell type–specific gene expression in the enteric nervous system. *Dev Dyn*. 2007, 236(1):93–105.
- **Liu H**, Margiotta JF, Howard and MJ. BMP4 supports noradrenergic differentiation by a PKA–dependent mechanism. *Dev. Biol*. 2005, 286, 521–536.