

Instructor

Pathology
Baylor College of Medicine
Houston, TX, US

EDUCATION

PhD from University Of Texas Health Science Center

01/2001 - Houston, Texas, United States
Molecular Genetics, Molecular Biology

BA from University of Pittsburgh

05/1992 - Pittsburgh, Pennsylvania, United States

PROFESSIONAL STATEMENT

I am the Laboratory Director of the Human Tissue Acquisition and Pathology Core at Baylor College of Medicine. As the Core director, my role is to facilitate the collection, processing and molecular analysis of human tissues and I manage services for histology, immunohistochemistry, and imaging of research tissues from mouse or human origin. My research interests are primarily in the field of cancer biology and my goals are geared toward directly or indirectly impacting the lives and outcomes for cancer patients. This appointment allows me to help facilitate the research of my peers at BCM through tissue distribution and specialized laboratory expertise.

SELECTED PUBLICATIONS

- Shao L, Zhou Z, Cai Y, Castro P, Dakhov O, Shi P, Bai Y, Ji H, Shen W, Wang J. "[Celastrol Suppresses Tumor Cell Growth through Targeting an AR-ERG-NF-?B Pathway in TMPRSS2/ERG Fusion Gene Expressing Prostate Cancer.](#)" *PLoS ONE*. 2013;8(3):e58391. Pubmed PMID: [23554889](#)
- Castro P, Giri D, Lamb D, Ittmann M. "[Cellular senescence in the pathogenesis of benign prostatic hyperplasia.](#)" *Prostate*. 2003 April 1;55(1):30-8. Pubmed PMID: [12640658](#)

- Castro PD, Liang JC, Nagarajan L. "[Deletions of chromosome 5q13.3 and 17p loci cooperate in myeloid neoplasms.](#)" *Blood*. 2000 March 15;95(6):2138-43. Pubmed PMID: [10706886](#)
- Castro P, Creighton CJ, Ozen M, Berel D, Mims MP, Ittmann M. "[Genomic profiling of prostate cancers from African American men.](#)" *Neoplasia*. 2009 March;11(3):305-12. Pubmed PMID: [19242612](#)