

## CURRICULUM VITAE



**Name:** Gloria H. Su

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**Position:** Professor of Pathology and Cell Biology

**Institution:** Columbia University Medical Center

**Location:** New York, NY, USA

### Education:

1997 Ph.D. Committee on Immunology, University of Chicago, Chicago, IL, USA

1992 B.A. Dept. of Biological Sciences, Northwestern University, Evanston, IL, USA

### Representative Careers:

2017-present Professor of Pathology & Cell Biology, Columbia University Medical Center

2012-2017 Associate Professor of Pathology & Cell Biology, Columbia University Medical Center

2003-2012 Assistant Professor of OTO/HNS, Columbia University

2000-2003 Assistant Professor, Dept. of Pathology, The Johns Hopkins Medical Institutes

### Specialty & Present Interest:

- Novel mouse models for pancreatic diseases
- Potential role of wild-type KRAS in pancreatic tumorigenesis
- The PTEN-PI3K axis in IPMN/PDA and head and neck cancer
- Activin, IL-6 signaling in tumorigenesis

### Representative papers (up to 5):

1. W. Qiu, F. Sahin, C.A. Iacobuzio-Donahue, Dario Garcia-Carracedo, W. M. Wang, Chia-Yu Kuo, Dan E. Arking, A. M. Lowy, R. H. Hruban, H. E. Remotti, **G. H. Su**. Disruption of *p16* and Activation of *Kras* in Pancreas Increases Ductal Adenocarcinoma Formation and Metastasis in vivo. *Oncotarget* 2011, 2:862-873. PMID:22113502, PMCID: PMC3259996.
2. D. Garcia-Carracedo, A. T. Turk, S. A. Fine, N. Akhavan, B. C. Tweel, R. Parsons, J. A. Chabot, J. D. Allendorf, J. M. Genkinger, H. E. Remotti, **G. H. Su**. Loss of PTEN expression is associated with poor prognosis in patients with intraductal papillary mucinous neoplasms of the pancreas. *Clin Cancer Research* 2013; 19(24):6830-6841. PMID: 24132918, PMCID: PMC3915026.

3. D. Garcia-Carracedo, C. C. Yu, N. Akhavan, S. A. Fine, F. Schönleben, N. Maehara, D. C. Karg, W. Qiu, R. L. Fine, H. E. Remotti, **G. H. Su**. Smad4 loss synergizes with TGFalpha overexpression in promoting metaplasia, PanIN development, and fibrosis. *PLoS One* 2015, 10(3):e0120851. PMID: 25803032, PMCID: PMC4372593.
4. W. Qiu, S. M. Tang, S. Lee, A. T. Turk, A. N. Sireci, A. Qiu, C. Rose, C. Xie, J. Kitajewski, H.-J. Wen, H. C. Crawford, P. A. Sims, R. H. Hruban, H. E. Remotti, **G. H. Su**. Loss of Activin Receptor Type 1B Promotes Development of Intraductal Papillary Mucinous Neoplasms in Mice with Activated KRAS. *Gastroenterology* 2016, 150(1):218-228. PMID: 26408346, PMCID: PMC4860725.
5. C. C. Yu, W. Qiu, C. S. Juang, M. M. Mansukhani, B. Halmos, **G. H. Su**. Mutant allele specific imbalance in oncogenes with copy number alterations: occurrence, mechanisms, and potential clinical implications. *Cancer Letters* 2017, January; 384:86-93 (Epub 2016 Oct 8).