

Dr Ralph H. Hruban
 Professor of Pathology and Oncology
 Director, Division of Gastrointestinal/Liver Pathology
 Director, The Sol Goldman Pancreatic Cancer Research
 Center
 Deputy Director for Pathology Research and Program
 Development, Department of Pathology
 The Johns Hopkins University School of Medicine
 401 N. Broadway, Weinberg 2242
 Baltimore, MD 21231
 Tel.: (410) 955-9132
 Fax.: (410) 955-0115
 E-mail: rhruban@jhmi.edu



Academic degrees

BA, Biology, University of Chicago, Chicago, IL, USA (1981)
 MD, Medicine, Johns Hopkins University, Baltimore, MD, USA (1985)

Prizes and honors

Phi Beta Kappa, Alpha Omega Alpha, Sigma Xi Research Prize;
 Professor's Award for Teaching; School of Medical Excellence in Teaching Award;
 W. Barry Wood Award for Excellence in Teaching;
 United States and Canadian Academy of Pathology Young Investigator Award (2001);
 Arthur Purdy Stout Prize (2002);
 PanCAN Medical Visionary Award (2006);
 ISI Highly Cited Researcher, and recognized by Essential Science Indicators as the
 most highly cited pancreatic cancer scientist; AACR Innovator Award (2010);
 Ranice W. Crosby Distinguished Achievement Award for scholarly contributions to the
 advancement of art as applied to the sciences (2011);
 Dr. Frank Netter Award for Special Contributions to Medical Education (2012).

Editorial board

Advances in Anatomic Pathology (1994–present)
 American Journal of Pathology (1997–2006)
 American Journal of Surgical Pathology (1998–present)
 Journal of Surgical Oncology (1998–present)
 Analytical and Cellular Pathology (1999–present)
 Cancer Prevention Research (2008–present)
 Clinical Cancer Research (1999–present)
 International Journal of Pancreatology (2001–present)

Journal of Clinical Oncology (2004–present)
 Human Pathology (2005–present)
 Modern Pathology (2007–present)
 Journal of Gastrointestinal Cancer (2008–present)

Selected publications

- Brat DJ, Hahn SA, Griffin CA, Kern SE, Hruban RH. Structural basis of molecular genetic deletions: integration of classical cytogenetic and molecular analyses in pancreatic adenocarcinoma. *Am J Pathol* 150(2):383-391 (1997)
- Goggins M, Griffin CA, Turnacioglu K, Hilgers W, Hahn SA, Shekher M, Tang D, Song T, Offerhaus J, Yeo, CJ, Kern SE, Hruban RH. Pancreatic adenocarcinomas with DNA replication errors (RER+) are associated with wild-type K-ras and characteristic histopathology: Poor differentiation, a syncytial growth pattern, and pushing borders suggest RER+. *Am J Pathol* 152(6):1501-1507 (1998)
- Wilentz RE, Su GH, Dai JL, Sparks AB, Argani P, Sohn TA, Yeo CJ, Kern SE, and Hruban RH Immunohistochemical labeling for Dpc4 mirrors genetic status in pancreatic adenocarcinomas: A New marker of DPC4 inactivation. *Am J Pathol* 156:37-43 (2000)
- Tersmette AC, Petersen GM, Offerhaus GJA, Falatko FC, Brune K, Goggins M, Rozenblum E, Wilentz RE, Yeo CJ, Camerson JL, Kern SE, Hruban RH. Increased risk of incident pancreatic cancer among first-degree relatives of patients with familial pancreatic cancer. *Clin Cancer Res* 7:738-744 (2001)
- Hruban RH, Adsay NV, Albores-Saavedra J, Compton C, Garrett E, Goodman SN, Kern SE, Klimstra DS, Kloppel G, Longnecker DS, Luttges J, Offerhaus GJA. Pancreatic intraepithelial neoplasia (PanIN): A New nomenclature and classification system for pancreatic duct lesions *Am J Surg Pathol* 25:579-586 (2001)
- Iacobuzio-Donahue CA, Ashfaq R, Maitra A, Adsay NV, Shen-Ong GL, Berg K, Hollingsworth MA, Cameron JL, Yeo CJ, Kern SE, Goggins M, Hruban RH. Highly expressed genes in pancreatic ductal adenocarcinomas: A comprehensive characterization and comparison of the transcription profiles obtained from three major technologies. *Cancer Res.* 63:8614-8622 (2003)
- Hruban RH, Adsay NV, Albores-Saavedra J, Anver MR, Biankin AV, Boivin GP, Furth EE, Furukawa T, Klein A, Klimstra DS, Klöppel G, Lauwers GY, Longnecker DS, Lüttges J, Maitra A, Offerhaus GJA, Pérez-Gallego L, Redston M, Tuveson DA. Pathology of genetically engineered mouse models of pancreatic exocrine cancer: consensus report and recommendations. *Cancer Res.* 66:95-106 (2006)
- Jones S, Zhang X, Parsons DW, Lin JC, Leary RJ, Angenendt P, Mankoo P, Carter H, Kamiyama H, Jimeno A, Hong SM, Fu B, Lin MT, Calhoun ES, Kamiyama M, Walter K, Nikolskaya T, Nikolsky Y, Hartigan J, Smith DR, Hidalgo M, Leach SD, Klein AP, Jaffee EM, Goggins M, Maitra A, Iacobuzio-Donahue C, Eshleman JR, Kern SE,

Hruban RH, Karchin R, Papadopoulos N, Parmigiani G, Vogelstein B, Velculescu VE, Kinsler KW. Core signaling pathways in human pancreatic cancers revealed by Global Genomic Analyses. *Science*. 321:1801-6 (2008)

Wu GJ, Matthaei H, Maitra A, Dal Molin M, Wood LD, Eshleman J, Goggins M, Schulick R D, Edil BH, Wolfgang CL, Klein AP, Diaz, Jr. LA, Allen PJ, Schmidt CM, Kinzler KW, Papadopoulos N, Hruban RH, Vogelstein B. Recurrent GNAS mutations define an unexpected pathway for pancreatic cyst development. *Sci Transl Med*. 3:92ra66 (2011)

Wu J, Jiao Y, dal Molin M, Maitra A, de Wilde RF, Wood LD, Eshleman JR, Goggins MG, Wolfgang CL, Canto MI, Schulick RD, Edil BH, Choti MA, Adsay V, Kimstra DS, Offerhaus GJ, Klein AP, Kopelovich L, Carter H, Karchin R, Allen PJ, Schmidt CM, Naito Y, Diaz LA, Kinzler KW, Papadopoulos N, Hruban RH*, Vogelstein B*. Whole-exome sequencing of neoplastic cysts of the pancreas reveals recurrent mutations in components of ubiquitin-dependent pathways. *Proc Natl Acad Sci*. 108:21188-93 (2011) * = co-senior authors

Selected text books

Hruban RH, Westra WH, Phelps TH, Isacson C. *Surgical Pathology Dissection. An Illustrated Guide*, New York: Springer-Verlag 1995.

von Hoff DD, Evans DB, Hruban RH (editors). *Pancreatic Cancer*. Jones and Bartlett. 2005.

Hruban RH, Pitman MB, Klimstra DS. *Tumours of the pancreas. Atlas of tumor pathology, 4th series, Fascicle 6*. Armed Forces Institutes of Pathology; Armed Forces Institute of Pathology, Washington, DC 2007.

Bosman F, Carneiro F, Hruban RH, Theise N (eds). *WHO Classification of Tumours of the Digestive System*. IARC, Lyon 2010.

Hruban RH, Kim B, Sandone C, Cornish TC. iPad App. *Atlas of Pancreas Pathology*. <http://itunes.apple.com/us/app/atlas-of-pancreas-pathology/id474845392?mt=8>