

Wei Qiu
Publication

Pulido I, Ollosi S, Aparisi S, Becker JH, Aliena-Valero A, Benet M, Rodríguez ML, López A, ..., **Qiu W**, ..., Shimamura T. **Endothelin-1-Mediated Drug Resistance in EGFR-Mutant Non-Small Cell Lung Carcinoma**. *Cancer Res*. 2020 Oct 1;80(19):4224-4232. doi: 10.1158/0008-5472.CAN-20-0141. Epub 2020 Aug 3. PMID: 32747363; PMCID: PMC7541638.

Wang F, Hou W, Chitsike L, Xu Y, Bettler C, Perera A, Bank T, Cotler SJ, Dhanarajan A, ..., **Qiu W**. **ABL1, Overexpressed in Hepatocellular Carcinomas, Regulates Expression of NOTCH1 and Promotes Development of Liver Tumors in Mice**. *Gastroenterology*. 2020 Jul;159(1):289-305.e16. doi: 10.1053/j.gastro.2020.03.013. Epub 2020 Jun 24. PMID: 32171747; PMCID: PMC7387191.

Chen Y, Li Q, Tu K, Wang Y, Wang X, Liu D, Chen C, Liu D, ..., **Qiu W**, Kang N. **Focal Adhesion Kinase Promotes Hepatic Stellate Cell Activation by Regulating Plasma Membrane Localization of TGF β Receptor 2**. *Hepatol Commun*. 2019 Dec 20;4(2):268-283. doi: 10.1002/hep4.1452. PMID: 32025610; PMCID: PMC6996408.

Qiu W. REPLY. *Hepatology*. 2019 Oct;70(4):1495-1496. doi: 10.1002/hep.30845. PMID: 31297851.

Shang N, Wang H, Bank T, Perera A, Joyce C, Kuffel G, Zilliox MJ, Cotler SJ, Ding X, ..., **Qiu W**. **Focal Adhesion Kinase and β -Catenin Cooperate to Induce Hepatocellular Carcinoma**. *Hepatology*. 2019 Nov;70(5):1631-1645. doi: 10.1002/hep.30707. Epub 2019 Jun 22. PMID: 31069844; PMCID: PMC6819211.

Shang N, Bank T, Ding X, Breslin P, Li J, Shi B, **Qiu W**. **Caspase-3 suppresses diethylnitrosamine-induced hepatocyte death, compensatory proliferation and hepatocarcinogenesis through inhibiting p38 activation**. *Cell Death Dis*. 2018 May 1;9(5):558. doi: 10.1038/s41419-018-0617-7. PMID: 29752472; PMCID: PMC5948202.

Wang F, Bank T, Malnassy G, Arteaga M, Shang N, Dalheim A, Ding X, Cotler SJ, Denning MF, ..., **Qiu W**. **Inhibition of insulin-like growth factor 1 receptor enhances the efficacy of sorafenib in inhibiting hepatocellular carcinoma cell growth and survival**. *Hepatol Commun*. 2018 Apr 17;2(6):732-746. doi: 10.1002/hep4.1181. PMID: 29881824; PMCID: PMC5983153.

Shang N, Arteaga M, Chitsike L, Wang F, Viswakarma N, Breslin P, **Qiu W**. **FAK deletion accelerates liver regeneration after two-thirds partial hepatectomy**. *Sci Rep*. 2016 Sep 28;6:34316. doi: 10.1038/srep34316. PMID: 27677358; PMCID: PMC5039626.

Arteaga M, Shang N, Ding X, Yong S, Cotler SJ, Denning MF, Shimamura T, Breslin P, Lüscher B, **Qiu W**. **Inhibition of SIRT2 suppresses hepatic fibrosis**. *Am J Physiol Gastrointest Liver Physiol*. 2016 Jun 1;310(11):G1155-68. doi: 10.1152/ajpgi.00271.2015. Epub 2016 Apr 28. PMID: 27125275; PMCID: PMC4935480.

Shang N, Arteaga M, Zaidi A, Cotler SJ, Breslin P, Ding X, Kuo P, Nishimura M, Zhang J, **Qiu W**. **FAK Kinase Activity Is Required for the Progression of c-MET/ β -Catenin-Driven Hepatocellular Carcinoma**. *Gene*

Expr. 2016;17(1):79-88. doi: 10.3727/105221616X691604. Epub 2016 May 2. PMID: 27142958; PMCID: PMC5064945.

Shang N, Arteaga M, Zaidi A, Stauffer J, Cotler SJ, Zeleznik-Le NJ, Zhang J, **Qiu W**. **FAK is required for c-Met/ β -catenin-driven hepatocarcinogenesis**. Hepatology. 2015 Jan;61(1):214-26. doi: 10.1002/hep.27402. Epub 2014 Nov 25. PMID: 25163657; PMCID: PMC4280291.

Leibowitz B, **Qiu W**, Buchanan ME, Zou F, Vernon P, Moyer MP, Yin XM, Schoen RE, Yu J, Zhang L. **BID mediates selective killing of APC-deficient cells in intestinal tumor suppression by nonsteroidal antiinflammatory drugs**. Proc Natl Acad Sci U S A. 2014 Nov 18;111(46):16520-5. doi: 10.1073/pnas.1415178111. Epub 2014 Nov 3. PMID: 25368155; PMCID: PMC4246283.

Bista RK, Uttam S, Hartman DJ, **Qiu W**, Yu J, Zhang L, Brand RE, Liu Y. **Investigation of nuclear nano-morphology marker as a biomarker for cancer risk assessment using a mouse model**. J Biomed Opt. 2012 Jun;17(6):066014. doi: 10.1117/1.JBO.17.6.066014. PMID: 22734770; PMCID: PMC3382352.

Qiu W, Wang X, Leibowitz B, Yang W, Zhang L, Yu J. **PUMA-mediated apoptosis drives chemical hepatocarcinogenesis in mice**. Hepatology. 2011 Oct;54(4):1249-58. doi: 10.1002/hep.24516. PMID: 21725994; PMCID: PMC3184207.

Qiu W, Wu B, Wang X, Buchanan ME, Regueiro MD, Hartman DJ, Schoen RE, Yu J, Zhang L. **PUMA-mediated intestinal epithelial apoptosis contributes to ulcerative colitis in humans and mice**. J Clin Invest. 2011 May;121(5):1722-32. doi: 10.1172/JCI42917. Epub 2011 Apr 1. PMID: 21490394; PMCID: PMC3083802.

Leibowitz BJ, **Qiu W**, Liu H, Cheng T, Zhang L, Yu J. **Uncoupling p53 functions in radiation-induced intestinal damage via PUMA and p21**. Mol Cancer Res. 2011 May;9(5):616-25. doi: 10.1158/1541-7786.MCR-11-0052. Epub 2011 Mar 30. PMID: 21450905; PMCID: PMC3096742.

Wang P, Bista RK, Khalbuss WE, **Qiu W**, Uttam S, Staton K, Zhang L, Brentnall TA, Brand RE, Liu Y. **Nanoscale nuclear architecture for cancer diagnosis beyond pathology via spatial-domain low-coherence quantitative phase microscopy**. J Biomed Opt. 2010 Nov-Dec;15(6):066028. doi: 10.1117/1.3523618. PMID: 21198202; PMCID: PMC3025597.

Qiu W, Wang X, Leibowitz B, Liu H, Barker N, Okada H, Oue N, Yasui W, Clevers H, ..., Zhang L. **Chemoprevention by nonsteroidal anti-inflammatory drugs eliminates oncogenic intestinal stem cells via SMAC-dependent apoptosis**. Proc Natl Acad Sci U S A. 2010 Nov 16;107(46):20027-32. doi: 10.1073/pnas.1010430107. Epub 2010 Nov 1. PMID: 21041628; PMCID: PMC2993406.

Wang P, Bista RK, **Qiu W**, Khalbuss WE, Zhang L, Brand RE, Liu Y. **An insight into statistical refractive index properties of cell internal structure via low-coherence statistical amplitude microscopy**. Opt Express. 2010 Oct 11;18(21):21950-8. doi: 10.1364/OE.18.021950. PMID: 20941095; PMCID: PMC3408902.

Qiu W, Carson-Walter EB, Kuan SF, Zhang L, Yu J. **PUMA suppresses intestinal tumorigenesis in mice**. Cancer Res. 2009 Jun 15;69(12):4999-5006. doi: 10.1158/0008-5472.CAN-09-0262. Epub 2009 Jun 2. PMID: 19491259; PMCID: PMC2872079.

Qiu W, Carson-Walter EB, Liu H, Epperly M, Greenberger JS, Zambetti GP, Zhang L, Yu J. **PUMA regulates intestinal progenitor cell radiosensitivity and gastrointestinal syndrome**. *Cell Stem Cell*. 2008 Jun 5;2(6):576-83. doi: 10.1016/j.stem.2008.03.009. PMID: 18522850; PMCID: PMC2892934.

Wu B, **Qiu W**, Wang P, Yu H, Cheng T, Zambetti GP, Zhang L, Yu J. **p53 independent induction of PUMA mediates intestinal apoptosis in response to ischaemia-reperfusion**. *Gut*. 2007 May;56(5):645-54. doi: 10.1136/gut.2006.101683. Epub 2006 Nov 24. PMID: 17127703; PMCID: PMC1942137.