

5. Cancer-Research

Ai J, Pascal LE, O'Malley KJ, Dar JA, Isharwal S, Qiao Z, Ren B, Rigatti LH, Dhir R, Xiao W, Nelson JB, Wang Z:

Concomitant loss of EAF2/U19 and Pten synergistically promotes prostate carcinogenesis in the mouse model

Oncogene. 2013 May 27. doi: 10.1038/onc.2013.190.

<http://dx.doi.org/10.1038/onc.2013.190>

Aikawa H, Hayashi M, Ryu S, Yamashita M, Ohtsuka N, Nishidate M, Fujiwara Y, Hamada A:

Visualizing spatial distribution of alectinib in murine brain using quantitative mass spectrometry imaging

Sci Rep. 2016 Mar 30;6:23749. doi: 10.1038/srep23749.

<http://dx.doi.org/10.1038/srep23749>

Albino D, Scaruffi P, Moretti S, Coco S, Truini M, Di Cristofano C, Cavazzana A, Stigliani S, Bonassi S, Tonini GP:

Identification of low intratumoral gene expression heterogeneity in neuroblastic tumors by genome-wide expression analysis and game theory

Cancer. 2008 Sep 15;113(6):1412-22.

<http://onlinelibrary.wiley.com/doi/10.1002/cncr.23720/abstract>

An S, Kim MJ, Kim SJ, Sung YN, Kim YW, Song KB, Hwang DW, Kim SC, Hruban RH, Hong SM

Multiple KRAS mutations in the non-mucinous epithelial lining in the majority of mucinous cystic neoplasms of the pancreas

Histopathology. 2019 May 11. doi: 10.1111/his.13897.

<https://doi.org/10.1111/his.13897>

Anglesio MS, Papadopoulos N, Ayhan A, Nazeran TM, Noë M, Horlings HM, Lum A, Jones S, Senz J, Seckin T, Ho J, Wu RC, Lac V, Ogawa H, Tessier-Cloutier B, Alhassan R, Wang A, Wang Y, Cohen JD, Wong F, Hasanovic A, Orr N, Zhang M, Popoli M, McMahon W, Wood LD, Mattox A, Allaire C, Segars J, Williams C, Tomasetti C, Boyd N, Kinzler KW, Gilks CB, Diaz L, Wang TL, Vogelstein B, Yong PJ, Huntsman DG, Shih IM:

Cancer-Associated Mutations in Endometriosis without Cancer

N Engl J Med. 2017 May 11;376(19):1835-1848. doi: 10.1056/NEJMoa1614814.

http://www.nejm.org/doi/abs/10.1056/NEJMoa1614814?url_ver=Z39.88-2003&rfr_id=ori:rid:crossref.org&rfr_dat=cr_pub%3dpubmed

Anjiki H, Mukaisho KI, Kadomoto Y, Doi H, Yoshikawa K, Nakayama T, Vo DT, Hattori T, Sugihara H:

Adenocarcinoma arising in multiple hyperplastic polyps in a patient with Helicobacter pylori infection and hypergastrinemia during long-term proton pump inhibitor therapy

Clin J Gastroenterol. 2017 Feb 3. doi: 10.1007/s12328-017-0714-7.

<http://link.springer.com/article/10.1007/s12328-017-0714-7>

Aoki Y, Mizuma M, Hata T, Aoki T, Omori Y, Ono Y, Mizukami Y, Unno M, Furukawa T

Intraductal papillary neoplasms of the bile duct are consisted of two distinct types specifically associated with clinicopathological features and molecular phenotypes

J Pathol. 2020 Feb 26. doi: 10.1002/path.5398.

<https://onlinelibrary.wiley.com/doi/abs/10.1002/path.5398>

Ardighieri L, Mori L, Conzadori S, Bugatti M, Falchetti M, Donzelli CM, Ravaggi A, Odicino FE, Facchetti F

Identical TP53 mutations in pelvic carcinosarcomas and associated serous tubal intraepithelial carcinomas provide evidence of their clonal relationship

Virchows Arch. 2016 Apr 8.

<http://dx.doi.org/10.1007/s00428-016-1933-x>

Ardighieri L, Zeppernick F, Hannibal CG, Vang R, Cope L, Junge J, Kjaer SK, Kurman RJ, Shih IM:
Mutational Analysis of BRAF and KRAS in Ovarian Atypical Proliferative Serous (Borderline) Tumors and Associated Peritoneal Implants

J. Pathol., 1096-9896, 10.1002/path.4293, 2013

<http://dx.doi.org/10.1002/path.4293>

Arentz G, Chataway T, Condina MR, Price TJ, Hoffmann P and Hardingham JE:

Increased Phospho-Keratin 8 Isoforms in Colorectal Tumors Associated with EGFR Pathway Activation and Reduced Apoptosis

ISRN Molecular Biology, Volume 2012 (2012), Article ID 706545, 8 pages: doi:10.5402/2012/706545

<http://www.isrn.com/journals/mb/2012/706545/>

Arstad C, Taskén K, Refinetti P, Axcróna U, Giercksky K-E, Ekstrøm PO:

Somatic Mitochondrial DNA Point Mutations Used as Biomarkers to Demonstrate Genomic Heterogeneity in Primary Prostate Cancer

Prostate Cancer, 28 Aug 2020, Volume 2020, Article ID 7673684

<https://www.hindawi.com/journals/pc/2020/7673684/>

Asztalos S, Gann PH, Hayes MK, Nonn L, Beam CA, Dai Y, Wiley EL, Tonetti DA:

Gene expression patterns in the human breast after pregnancy

Cancer Prev Res (Phila). 2010 Mar;3(3):301-11

<http://cancerpreventionresearch.aacrjournals.org/content/3/3/301.short>

Asztalos S, Pham TN, Gann PH, Hayes MK, Deaton R, Wiley EL, Emmadi R, Kajdacsy-Balla A, Banerji N, McDonald W, Khan SA, Tonetti DA:

High incidence of triple negative breast cancers following pregnancy and an associated gene expression signature

SpringerPlus (2015) 4:710, DOI 10.1186/s40064-015-1512-7

<http://www.springerplus.com/content/pdf/s40064-015-1512-7.pdf>

Augello C, Gianelli U, Savi F, Moro A, Bonoldi E, Gambacorta M, Vaira V, Baldini L, Bosari S:

MicroRNA as potential biomarker in HCV-associated diffuse large B-cell lymphoma

J Clin Pathol. 2014 Jun 9. pii: jclinpath-2014-202352. doi: 10.1136/jclinpath-2014-202352.

<http://jcp.bmj.com/cgi/pmidlookup?view=long&pmid=24914240>

Augello C, Vaira V, Caruso L, Destro A, Maggioni M, Park YN, Montorsi M, Santambrogio R, Roncalli M, Bosari S:

MicroRNA profiling of hepatocarcinogenesis identifies C19MC cluster as a novel prognostic biomarker in hepatocellular carcinoma

Liver Int. 2012 Mar 19. doi: 10.1111/j.1478-3231.2012.02795.x. [Epub ahead of print]

<http://onlinelibrary.wiley.com/doi/10.1111/j.1478-3231.2012.02795.x/full>

Avan A, Caretti V, Funel N, Galvani E, Maftouh M, Honeywell RJ, Lagerweij T, Van Tellinghen O, Campani D, Fuchs D, Verheul HM, Schuurhuis GJ, Boggi U, Peters GJ, Wurdinger T, Giovannetti E:

Crizotinib inhibits metabolic inactivation of gemcitabine in c-Met-driven pancreatic carcinoma

Cancer Res. 2013 Oct 1.

<http://cancerres.aacrjournals.org/cgi/pmidlookup?view=long&pmid=24085787>

Avan A, Crea F, Paolicchi E, Funel N, Galvani E, Marquez VE, Honeywell RJ, Danesi R, Peters GJ, Giovannetti E:

Molecular mechanisms involved in the synergistic interaction of the EZH2 inhibitor 3-deazaneplanocin A (DZNeP) with gemcitabine in pancreatic cancer cells

Mol Cancer Ther. 2012 May 23

<http://mct.aacrjournals.org/content/early/2012/05/23/1535-7163.MCT-12-0037.abstract>

Ayars M, O'Sullivan E, Macgregor-Das A, Shindo K, Kim H, Borges M, Yu J, Hruban RH, Goggins M:
IL2RG, identified as overexpressed by RNA-seq profiling of pancreatic intraepithelial neoplasia, mediates pancreatic cancer growth

Oncotarget. 2017 Aug 3;8(48):83370-83383. doi: 10.18632/oncotarget.19848.

<http://www.impactjournals.com/oncotarget/misc/linkedout.php?pii=19848>

Bagan JV, Mata-Roig M, Cortio-Gimeno J, Murillo-Cortes J, Hens-Aumente E, Poveda-Roda R, Bagan L:
Epidermal growth factor receptor copy number in potentially malignant oral disorders and oral squamous cell carcinoma: a short communication and preliminary study

J Oral Pathol Med. 2012 Mar 14. doi: 10.1111/j.1600-0714.2012.01137.x.

<http://onlinelibrary.wiley.com/doi/10.1111/j.1600-0714.2012.01137.x/abstract>

Bainer RO, Veneris JT, Yamada SD, Montag A, Lingen MW, Gilad Y, Rinker-Schaeffer CW:
Time-dependent transcriptional profiling links gene expression to mitogen-activated protein kinase kinase 4 (MKK4)-mediated suppression of omental metastatic colonization

Clin Exp Metastasis. 2012 Feb 21. [Epub ahead of print]

<http://dx.doi.org/10.1007/s10585-011-9448-y>

Balbinot C, Armant O, Elarouci N, Marisa L, Martin E, De Clara E, Onea A, Deschamps J, Beck F, Freund JN, Duluc I:

The Cdx2 homeobox gene suppresses intestinal tumorigenesis through non-cell-autonomous mechanisms

J Exp Med. 2018 Feb 8. pii: jem.20170934. doi: 10.1084/jem.20170934.

<http://jem.rupress.org/cgi/pmidlookup?view=long&pmid=29439001>

Bandapalli, O.R., Geheeb, M., Kobelt, D., Kuehne, K., Elezkurtaj, S., Herrmann, J., Gressner, A.M., Weiskirchen, R., Beule, D., Bluthgen, N., Herzel, H., Franke, C., and Brand, K.:

Global analysis of host tissue gene expression in the invasive front of colorectal liver metastases

Int J Cancer 118(1): 74-89 (2006)

<http://onlinelibrary.wiley.com/doi/10.1002/ijc.21307/full>

Bao W, Wang HH, Tian FJ, He XY, Qiu MT, Wang JY, Zhang HJ, Wang LH, Wan XP:

A TrkB-STAT3-miR-204-5p regulatory circuitry controls proliferation and invasion of endometrial carcinoma cells

Mol Cancer. 2013 Dec 9;12(1):155.

<http://www.molecular-cancer.com/content/12/1/155>

Baquedano MS, Garrido NP, Goñi J, Saraco N, Aliberti P, Berensztein E, Rivarola MA, Belgorosky A:
DNA methylation is not involved in specific down-regulation of HSD3B2, NR4A1 and RARβ genes in androgen-secreting cells of human adrenal cortex

Molecular and Cellular Endocrinology, 23 Sep 2016, ISSN 0303-7207

<http://dx.doi.org/10.1016/j.mce.2016.09.024>

Barault L, Ellsworth RE, Harris HR, Valente AL, Shriver CD, and Michels KB:

Leukocyte DNA as Surrogate for the Evaluation of Imprinted Loci Methylation in Mammary Tissue DNA

PLoS ONE 8(2): e55896. doi:10.1371/journal.pone.0055896

<http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0055896>

Barrow TM, Barault L, Ellsworth RE, Harris HR, Binder AM, Valente AL, Shriver CD, Michels KB:

Aberrant methylation of imprinted genes is associated with negative hormone receptor status in invasive breast cancer

Int J Cancer. 2015 Jan 5. doi: 10.1002/ijc.29419.

<http://dx.doi.org/10.1002/ijc.29419>

Bateman NW, Teng PN, Hope E, Hood BL, Oliver J, Ao W, Zhou M, Wang G, Tommarello D, Wilson K, Litzky T, Conrads KA, Hamilton CA, Darcy KM, Casablanca Y, Maxwell GL, Bae-Jump V, Conrads TP:
Jupiter microtubule-associated homolog 1 (JPT1): A predictive and pharmacodynamic biomarker of metformin response in endometrial cancers

Cancer Med. 2019 Dec 6. doi: 10.1002/cam4.2729.

<https://onlinelibrary.wiley.com/doi/pdf/10.1002/cam4.2729>

Baumann B, Acosta AM, Richards Z, Deaton R, Sapatynska A, Murphy A, Kajdacsy-Balla A, Gann PH, Nonn L:

High miR-182 Levels Associate with Low-Risk Prostate Cancer

Am J Pathol. 2019 Jan 28. pii: S0002-9440(18)30384-5. doi: 10.1016/j.ajpath.2018.12.014.

<https://www.sciencedirect.com/science/article/pii/S0002944018303845>

Becette, V., Vignaud, S., Regnier, C., Labroquere, M., Fourme, E., Menet, E., Bieche, I., and Spyrtos, F.:
Gene transcript assay by real-time RT-PCR in epithelial breast cancer cells selected by laser microdissection

Int J Biol Markers 19(2): 100-108 (2004)

<http://cat.inist.fr/?aModele=afficheN&cpsidt=15941984>

Bertagnolo V, Grassilli S, Volinia S, Al-Qassab Y, Brugnoli F, Vezzali F, Lambertini E, Palomba M, Piubello Q, Orvieto E, Natali C, Piva MR, Croce CM, Capitani S:

Ectopic expression of PLC- β 2 in non-invasive breast tumor cells plays a protective role against malignant progression and is correlated with the deregulation of miR-146a

Mol Carcinog. 2018 Dec 23. doi: 10.1002/mc.22964.

<https://doi.org/10.1002/mc.22964>

Betta P.G., Olivieri F., Lazzarini R., Ceka A., Graciotti L., Babini L., Rippon M.R., Procopio A., Grosso F., Libener R.:

miRNAs signature in microdissected tissues and primary cultured cells of malignant mesothelioma

J Clin Oncol 29: 2011 (suppl; abstr e21031)

http://www.asco.org/ascov2/Meetings/Abstracts?&vmview=abst_detail_view&confID=102&abstractID=78897

Bhattacharyya S, Feferman L, Han X, Zhang F, Linhardt RJ, and Tobacman JK:

Increased CHST15 follows decline in arylsulfatase B (ARSB) and disinhibition of non-canonical WNT signaling: potential impact on epithelial and mesenchymal identity

Oncotarget. 2020; 11:2327-2344.

<https://doi.org/10.18632/oncotarget.27634>

Bhattacharyya S, Feferman L, Tobacman JK:

Dihydrotestosterone inhibits arylsulfatase B and Dickkopf Wnt signaling pathway inhibitor (DKK)-3 leading to enhanced Wnt signaling in prostate epithelium in response to stromal Wnt3A

Prostate. 2019 Feb 22. doi: 10.1002/pros.23776.

<https://onlinelibrary.wiley.com/doi/abs/10.1002/pros.23776>

Bhorne R, Mellone M, Emo K, Thomas GJ, Sayan AE, Mirnezami AH:

The Colorectal Cancer Microenvironment: Strategies for Studying the Role of Cancer-Associated Fibroblasts

Methods Mol Biol. 2018;1765:87-98. doi: 10.1007/978-1-4939-7765-9_6.

https://link.springer.com/protocol/10.1007/978-1-4939-7765-9_6

Björner S, Fitzpatrick PA, Li Y, Allred C, Howell A, Ringberg A, Olsson H, Miller CJ, Axelson H, Landberg G:

Epithelial and Stromal MicroRNA Signatures of Columnar Cell Hyperplasia Linking Let-7c to Precancerous and Cancerous Breast Cancer Cell Proliferation

PLoS One. 2014 Aug 14;9(8):e105099. doi: 10.1371/journal.pone.0105099.

<http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0105099>

Biyajima K, Kakizaki F, Shen X, Mori K, Sugai M, Taketo MM, Yokota Y:

Id2 deletion attenuates Apc-deficient ileal tumor formation

Biol Open. 2015 Jul 10. pii: bio.012252. doi: 10.1242/bio.012252.

<http://bio.biologists.org/cgi/pmidlookup?view=long&pmid=26163528>

Bondoc A, Golbar HM, Pervin M, Katou-Ichikawa C, Tanaka M, Izawa T, Kuwamura M, Yamate J:
Participation of Tumor-Associated Myeloid Cells in Progression of Amelanotic Melanoma (RMM Tumor Line) in F344 Rats, with Particular Reference to MHC Class II- and CD163-Expressing Cells
Cancer Microenviron. 2017 Jun 16. doi: 10.1007/s12307-017-0193-x.

<https://dx.doi.org/10.1007/s12307-017-0193-x>

Bourdeaut F, Hérault A, Gentien D, Pierron G, Ballet S, Reynaud S, Paris R, Schleiermacher G, Baumann C, Philippe-Chomette P, Gauthier-Villars M, Peuchmaur M, Radvanyi F, Delattre O:

Mosaicism for oncogenic G12D KRAS mutation associated with epidermal nevus, polycystic kidneys and rhabdomyosarcoma

J Med Genet 47(12):859-62 (2010)

<http://jmg.bmj.com/content/47/12/859.short>

Boureille A, Ferraro-Peyret C, Pontarollo G, Confavreux C, Pialat J-B, Isaac S, Forest F, Yvarel V, Watkin E, Girard N, Brevet M:

Rapid detection of EGFR mutations in decalcified lung cancer bone metastasis

Journal of Bone Oncology, Volume 21, 2020, 100277, ISSN 2212-1374,

<https://doi.org/10.1016/j.jbo.2020.100277>

Bower JE, Shiao SL, Sullivan P, Lamkin DM, Atienza R, Mercado F, Arevalo J, Asher A, Ganz PA, Cole SW:

Prometastatic Molecular Profiles in Breast Tumors From Socially Isolated Women

JNCI Cancer Spectr. 2018 Jul;2(3):pky029. doi: 10.1093/jncics/pky029. Epub 2018 Jul 19.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6057973/>

Bullock MD, Mellone M, Pickard KM, Sayan AE, Mitter R, Primrose JN, Packham GK, Thomas G, Mirnezami AH:

Molecular Profiling of the Invasive Tumor Microenvironment in a 3-Dimensional Model of Colorectal Cancer Cells and Ex vivo Fibroblasts

Journal of Visualized Experiments (86) p. e51475 (2014)

<http://www.jove.com/video/51475/molecular-profiling-invasive-tumor-microenvironment-3-dimensional>

Bullock MD, Pickard K, Mitter R, Sayan AE, Primrose JN, Ivan C, Calin GA, Thomas GJ, Packham GK, Mirnezami AH:

Stratifying risk of recurrence in stage II colorectal cancer using deregulated stromal and epithelial microRNAs

Oncotarget. 2015 Mar 7.

<http://www.impactjournals.com/oncotarget/misc/linkedout.php?pii=3225>

Bullock MD, Pickard KM, Nielsen BS, Sayan AE, Jenei V, Mellone M, Mitter R, Primrose JN, Thomas GJ, Packham GK, Mirnezami AH:

Pleiotropic actions of miR-21 highlight the critical role of deregulated stromal microRNAs during colorectal cancer progression

Cell Death Dis. 2013 Jun 20;4:e684. doi: 10.1038/cddis.2013.213.
<http://www.nature.com/cddis/journal/v4/n6/abs/cddis2013213a.html>

Buob D, Fauvel H, Buisine MP, Truant S, Mariette C, Porchet N, Wacrenier A, Copin MC, Leteurtre E: The Complex Intratumoral Heterogeneity of Colon Cancer Highlighted by Laser Microdissection

Dig Dis Sci. 2011 Dec 25., DOI 10.1007/s10620-011-2023-1
<http://dx.doi.org/10.1007/s10620-011-2023-1>

Cai YR, Dong YJ, Wu HB, Liu ZC, Zhou LJ, Su D, Chen XJ, Zhang L, Zhao YL:

Micropapillary: A component more likely to harbour heterogeneous EGFR mutations in lung adenocarcinomas

Sci Rep. 2016 Apr 5;6:23755. doi: 10.1038/srep23755.
<http://dx.doi.org/10.1038/srep23755>

Cai YR, Wu H, Shi X, Dong Y, Chang X, Zhang L, Zhou L, Su D, Yang M:

Heterogeneous components of lung adenocarcinomas confer distinct EGFR mutation and PD-L1 expression

BMC Cancer, Oncology, 20 Nov 2019, DOI:10.21203/rs.2.17531/v1
<https://www.researchsquare.com/article/ffe3d959-2e1e-4ed0-8add-447b06feea55/v1>

Cameselle-Teijeiro J, Ferreira R, Caramés N, Abdulkader I, Máximo V, Soares P, Sobrinho-Simões M: Absence of the BRAF and the GRIM-19 Mutations in Oncocytic (Hurthle Cell) Solid Cell Nests of the Thyroid

Am J Clin Pathol. 2012 Apr;137(4):612-8
<http://ajcp.ascpjournals.org/content/137/4/612.full>

Caponi S, Funel N, Frampton AE, Mosca F, Santarpia L, Van der Velde AG, Jiao LR, De Lio N, Falcone A, Kazemier G, Mejer GA, Verheul HM, Vasile E, Peters GJ, Boggi U, Giovannetti E:

The good, the bad and the ugly: a tale of miR-101, miR-21 and miR-155 in pancreatic intraductal papillary mucinous neoplasms

Ann Oncol. 2012 Nov 8.
<http://annonc.oxfordjournals.org/cgi/pmidlookup?view=long&pmid=23139258>

Catenacci DV, Liao WL, Thyparambil S, Henderson L, Xu P, Zhao L, Rambo B, Hart J, Xiao SY, Bengali K, Uzzell J, Darfler M, Krizman DB, Cecchi F, Bottaro DP, Karrison T, Veenstra TD, Hembrough T, Burrows J:

Absolute Quantitation of Met Using Mass Spectrometry for Clinical Application: Assay Precision, Stability, and Correlation with MET Gene Amplification in FFPE Tumor Tissue

PLoS One. 2014 Jul 1;9(7):e100586. doi: 10.1371/journal.pone.0100586. eCollection 2014.
<http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0100586#pone-0100586-g001>

Cavallari I, Silic-Benussi M, Rende F, Martines A, Fogar P, Basso D, Vella MD, Pedrazzoli S, Herman JG, Chieco-Bianchi L, Esposito G, Ciminale V, D'Agostino DM:

Decreased expression and promoter methylation of the menin tumor suppressor in pancreatic ductal adenocarcinoma

Genes Chromosomes Cancer 48(5):383-96 (2009)
<http://onlinelibrary.wiley.com/doi/10.1002/gcc.20650/full>

Cavalloni G, Peraldo-Neia C, Sassi F, Chiorino G, Sarotto I, Aglietta M, Leone F:

Establishment of a patient-derived intrahepatic cholangiocarcinoma xenograft model with KRAS mutation

BMC Cancer. 2016 Feb 11;16(1):90. doi: 10.1186/s12885-016-2136-1.
<http://bmccancer.biomedcentral.com/articles/10.1186/s12885-016-2136-1>

Cha YJ, Lee JH, Han HH, Kim BG, Kang S, Choi YD, Cho NH:
MicroRNA alteration and putative target genes in high-grade prostatic intraepithelial neoplasia and prostate cancer: STAT3 and ZEB1 are upregulated during prostate carcinogenesis
Prostate. 2016 Mar 28. doi: 10.1002/pros.23183.
<http://onlinelibrary.wiley.com/doi/10.1002/pros.23183/abstract>

Chan MK, Ocampo-Hafalla MT, Vartanian V, Jaruga P, Kirkali G, Koenig KL, Brown S, Lloyd RS, Dizdaroglu M, Teebor GW:
Targeted deletion of the genes encoding NTH1 and NEIL1 DNA N-glycosylases reveals the existence of novel carcinogenic oxidative damage to DNA
DNA Repair (Amst). 2009 Jul 4;8(7):786-94
<http://dx.doi.org/10.1016/j.dnarep.2009.03.001>

Chan-Seng-Yue M, Kim JC, Wilson GW, Ng K, Figueroa EF, O'Kane GM, Connor AA, Denroche RE, Grant RC, McLeod J, Wilson JM, Jang GH, Zhang A, Liang SB, Borgida A, Chadwick D, Kalimuthu S, Lungu I, Bartlett JMS, Krzyzanowski PM, Sandhu V, Tiriach H, Froeling FEM, Karasinska JM, Topham JT, Renouf DJ, Schaeffer DF, Jones SJM, Marra MA, Laskin J, Chetty R, Stein LD, Zogopoulos G, Haibe-Kains B, Campbell PJ, Tuveson DA, Knox JJ, Fischer SE, Gallinger S, Notta F:
Transcription phenotypes of pancreatic cancer are driven by genomic events during tumor evolution
Nat Genet. 2020 Jan 13. doi: 10.1038/s41588-019-0566-9.
<http://dx.doi.org/10.1038/s41588-019-0566-9>

Chang W-C, Jackson C, Riel S, Cooper HS, Devarajan K, Hensley HH, Zhou Y, Vanderveer LA, Nguyen MT, Clapper ML:
Differential preventive activity of sulindac and atorvastatin in Apc+/Min-FCCcmice with or without colorectal adenomas
Gut 2017;0:1-9. doi:10.1136/gutjnl-2017-313942
<http://gut.bmj.com/content/gutjnl/early/2017/11/09/gutjnl-2017-313942.full.pdf>

Chatziandreou I, Tsioli P, Sakellariou S, Mourkioti I, Giannopoulou I, Levidou G, Korkolopoulou P, Patsouris E, Saetta AA:
Comprehensive Molecular Analysis of NSCLC; Clinicopathological Associations
PLoS One. 2015 Jul 24;10(7):e0133859. doi: 10.1371/journal.pone.0133859. eCollection 2015.
<http://dx.plos.org/10.1371/journal.pone.0133859>

Chau SL, Tong JH, Chow C, Kwan JS, Lung RW, Chung LY, Tin EK, Wong SS, Cheung AH, Lau RW, Ng CS, Mok TS, Lo KW, To KF:
Distinct Molecular Landscape of Epstein-Barr Virus Associated Pulmonary Lymphoepithelioma-Like Carcinoma Revealed by Genomic Sequencing
Cancers (Basel). 2020 Jul 27;12(8):E2065. doi: 10.3390/cancers12082065.
<https://www.mdpi.com/resolver?pii=cancers12082065>

Chen D, Qi W, Feng L, Wang J, Wang L, Guan H:
Investigation of the clonal origin of multifocal papillary thyroid carcinoma according to the X-chromosome inactivation pattern
Oncology Letters 17, no. 5 (2019): 4695-4700. <https://doi.org/10.3892/ol.2019.10105>
<https://www.spandidos-publications.com/10.3892/ol.2019.10105>

Chen, Z. and Gu, J.:
Immunoglobulin G expression in carcinomas and cancer cell lines
Faseb J (2007)
<http://www.fasebj.org/content/21/11/2931.long>

Chen Z, Yu T, Cabay RJ, Jin Y, Mahjabeen I, Luan X, Huang L, Dai Y, Zhou X:
miR-486-3p, miR-139-5p, and miR-21 as Biomarkers for the Detection of Oral Tongue Squamous Cell Carcinoma

Biomark Cancer. 2017 Jan 9;9:1-8. doi: 10.4137/BIC.S40981.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC28096697/>

Cheng, A.L., Huang, W.G., Chen, Z.C., Peng, F., Zhang, P.F., Li, M.Y., Li, F., Li, J.L., Li, C., Yi, H., Yi, B., and Xiao, Z.Q.:

Identification of novel nasopharyngeal carcinoma biomarkers by laser capture microdissection and proteomic analysis

Clin Cancer Res 14(2): 435-445 (2008)

<http://clincancerres.aacrjournals.org/content/14/2/435.long>

Cheng, A.L., Huang, W.G., Chen, Z.C., Zhang, P.F., Li, M.Y., Li, F., Li, J.L., Li, C., Yi, H., Peng, F., Duan, C.J., and Xiao, Z.Q.:

Identifying cathepsin D as a biomarker for differentiation and prognosis of nasopharyngeal carcinoma by laser capture microdissection and proteomic analysis

J Proteome Res 7(6): 2415-2426 (2008)

<http://pubs.acs.org/doi/abs/10.1021/pr7008548>

Cheng L, Mann SA, Lopez-Beltran A, Chovanec M, Santoni M, Wang M., Albany C, Adra N, Davidson DD, Cimadamore A, Montironi R, and Zhang S :

Molecular Characterization of Testicular Germ Cell Tumors Using Tissue Microdissection

Methods Mol Biol. 2021;2195:31-47. doi: 10.1007/978-1-0716-0860-9_3.

https://dx.doi.org/10.1007/978-1-0716-0860-9_3

Chika N, Eguchi H, Kumamoto K, Suzuki O, Ishibashi K, Tachikawa T, Akagi K, Tamaru JI, Okazaki Y, Ishida H:

Prevalence of Lynch syndrome and Lynch-like syndrome among patients with colorectal cancer in a Japanese hospital-based population

Jpn J Clin Oncol. 2016 Dec 4.

<http://jjco.oxfordjournals.org/content/early/2016/12/04/jjco.hyw178.abstract>

Chiappetta C, Proietti I, Soccodato V, Puggioni C, Zaralli R, Pacini L, Porta N, Skroza N, Petrozza V, Potenza C, Rocca CD, Di Cristofano C:

BRAF and NRAS Mutations are Heterogeneous and Not Mutually Exclusive in Nodular Melanoma

Applied Immunohistochemistry & Molecular Morphology, doi: 10.1097/PAI.0000000000000071

http://journals.lww.com/appliedimmunohist/Abstract/publishahead/BRAF_and_NRAS_Mutations_are_Heterogeneous_and_Not.99403.aspx

Choi J, Kim DH, Jung WH, Koo JS:

Metabolic interaction between cancer cells and stromal cells according to breast cancer molecular subtype

Breast Cancer Res. 2013 Sep 10;15(5):R78.

<http://breast-cancer-research.com/content/15/5/R78>

Choong, N.W., Dietrich, S., Seiwert, T.Y., Tretiakova, M.S., Nallasura, V., Davies, G.C., Lipkowitz, S., Husain, A.N., Salgia, R., and Ma, P.C.:

Gefitinib response of erlotinib-refractory lung cancer involving meninges--role of EGFR mutation

Nat Clin Pract Oncol 3(1): 50-57; quiz 51 p following 57 (2006)

<http://www.nature.com/nrclinonc/journal/v3/n1/full/ncponc0400.html>

Chueca E, Valero A, Hördnler C, Puertas A, Carrera P, García-González MA, Strunk M, Lanás A, Piazuelo E:

Quantitative analysis of p16 methylation in Barrett's carcinogenesis

Ann Diagn Pathol. 2020 Jun 17;47:151554. doi: 10.1016/j.anndiagpath.2020.151554.
<https://www.sciencedirect.com/science/article/abs/pii/S1092913420300976>

Chui, D.T., Hammond, D., Baird, M., Shield, L., Jackson, R., and Jarrett, R.F.:
Classical Hodgkin lymphoma is associated with frequent gains of 17q
Genes Chromosomes Cancer 38(2): 126-136 (2003)
<http://onlinelibrary.wiley.com/doi/10.1002/gcc.10266/full>

Co NN, Iglesias D, Celestino J, Kwan SY, Mok SC, Schmandt R, Lu KH:
Loss of LKB1 in high-grade endometrial carcinoma: LKB1 is a novel transcriptional target of p53
Cancer. 2014 Jul 16. doi: 10.1002/cncr.28854.
<http://dx.doi.org/10.1002/cncr.28854>

Comba A, Dunn PJ, Kish PE, Kadiyala P, Kahana A, Castro MG, Lowenstein PR:
Laser Capture Microdissection of Glioma Subregions for Spatial and Molecular Characterization of Intratumoral Heterogeneity, Oncostreams, and Invasion
J Vis Exp. 2020 Apr 12;(158). doi: 10.3791/60939.
<https://www.jove.com/video/60939/laser-capture-microdissection-glioma-subregions-for-spatial-molecular>

Confavreux CB, Girard N, Pialat J-P, Bringuier P-P, Shisheboran MD, Rousseau J-C, Isaac S, Thivolet-Bejui F, Clezardin P, and Brevet M:
Mutational profiling of bone metastases from lung adenocarcinoma: results of a prospective study (POUMOS-TEC)
BoneKEy Reports 3, Article number: 580 (2014) | doi:10.1038/bonekey.2014.75
<http://www.nature.com/bonekeyreports/2014/141001/bonekey201475/pdf/bonekey201475.pdf>

Connor AA:
Germline & Somatic Variation in Gastrointestinal Malignancies
Thesis, 2017
<https://tspace.library.utoronto.ca/handle/1807/80761>

Connor AA, Denroche RE, Jang GH, Timms L, Kalimuthu SN, Selander I, McPherson T, Wilson GW, Chan-Seng-Yue MA, Borozan I, Ferretti V, Grant RC, Lungu IM, Costello E, Greenhalf W, Palmer D, Ghaneh P, Neoptolemos JP, Buchler M, Petersen G, Thayer S, Hollingsworth MA, Sherker A, Durocher D, Dhani N, Hedley D, Serra S, Pollett A, Roehrl MH, Bavi P, Bartlett JM, Cleary S, Wilson JM, Alexandrov LB, Moore M, Wouters BG, McPherson JD, Notta F, Stein LD, Gallinger S:
Association of Distinct Mutational Signatures With Correlates of Increased Immune Activity in Pancreatic Ductal Adenocarcinoma
JAMA Oncol. 2016 Oct 20. doi: 10.1001/jamaoncol.2016.3916
<http://oncology.jamanetwork.com/article.aspx?doi=10.1001/jamaoncol.2016.3916>

Cook CC, Kim A, Terao S, Gotoh A, Higuchi M
Consumption of oxygen: a mitochondrial-generated progression signal of advanced cancer
Cell Death Dis. 2012 Jan 19;3:e258. doi: 10.1038/cddis.2011.141
<http://dx.doi.org/10.1038/cddis.2011.141>

Cotoi CG, Khorsandi SE, Pleșea IE, Quaglia A:
Whole-genome DASL gene expression profiling of hepatocellular carcinoma sub-populations isolated by laser microdissection on formalin-fixed and paraffin-embedded liver tissue samples
Rom J Morphol Embryol. 2012;53(4):893-902.
<http://www.rjme.ro/RJME/resources/files/530412893902.pdf>

Crescenzi M, Persano L, Esposito G, Zulato E, Borsi L, Balza E, Ruol A, Ancona E, Indraccolo S, Amadori A:

Vandetanib improves anti-tumor effects of L19mTNFalpha in xenograft models of esophageal cancer

Clin Cancer Res. 2011 Feb 1;17(3):447-58

<http://clincancerres.aacrjournals.org/content/17/3/447.short>

Cumming N, Dinan A, McLean CA:

Qualitative Assurance in Molecular Testing: Assessing Minimum Tumour Area Requirements for PCR Amplification and MALDI-TOF MS Using FFPE Tissues

Pathology, 2019

[https://www.pathologyjournal.rcpa.edu.au/article/S0031-3025\(18\)30908-5/pdf](https://www.pathologyjournal.rcpa.edu.au/article/S0031-3025(18)30908-5/pdf)

D'Arrigo, A., Belluco, C., Ambrosi, A., Digito, M., Esposito, G., Bertola, A., Fabris, M., Nofrate, V., Mammano, E., Leon, A., Nitti, D., and Lise, M.:

Metastatic transcriptional pattern revealed by gene expression profiling in primary colorectal carcinoma

Int J Cancer 115(2): 256-262 (2005)

<http://onlinelibrary.wiley.com/doi/10.1002/ijc.20883/full>

de Chaisemartin L, Goc J, Damotte D, Validire P, Magdeleinat P, Alifano M, Cremer I, Fridman WH, Sautes-Fridman C, Dieu-Nosjean MC:

Characterization of chemokines and adhesion molecules associated with T cell presence in tertiary lymphoid structures in human lung cancer

Cancer Res. 2011 Sep 7. [Epub ahead of print]

<http://cancerres.aacrjournals.org/content/early/2011/09/06/0008-5472.CAN-11-0952.long>

Del Grosso F, Coco S, Scaruffi P, Stigliani S, Valdora F, Benelli R, Salvi S, Boccardo S, Truini M, Croce M, Ferrini S, Longo L, Tonini GP:

Role of CXCL13-CXCR5 crosstalk between malignant neuroblastoma cells and Schwannian stromal cells in neuroblastic tumors

Mol Cancer Res. 2011 Jul;9(7):815-23.

<http://mcr.aacrjournals.org/content/9/7/815.long>

Dellmann A, Schroeder HG, Donhuijsen K:

Destructive tumours of the larynx mimicking osteosarcoma: two cases of osteoblastoma with organ-saving resection and follow-up

Eur Arch Otorhinolaryngol. 2010 Jan;267(1):151-4

<http://www.springerlink.com/content/151254313937q5j3/>

Dewez F, Martin-Lorenzo M, Herfs M, Baiwir D, Mazzucchelli G, De Pauw E, Heeren RMA, Balluff B:
Precise co-registration of mass spectrometry imaging, histology, and laser microdissection-based omics

Anal Bioanal Chem. 2019 Jul 1. doi: 10.1007/s00216-019-01983-z.

<https://link.springer.com/content/pdf/10.1007%2Fs00216-019-01983-z.pdf>

Deyarmin B, Kane JL, Valente AL, van Laar R, Gallagher C, Shriver CD, Ellsworth RE:

Effect of ASCO/CAP Guidelines for Determining ER Status on Molecular Subtype

Ann Surg Oncol. 2012 Aug 9. [Epub ahead of print]

<http://dx.doi.org/10.1245/s10434-012-2588-8>

Djijda MC, Chang J, Hadjiprocopis A, Schmich F, Sinclair J, Mršnik M, Schoof EM, Barker HE, Linding R, Jorgensen C, Erler JT:

Identification of hypoxia-regulated proteins using MALDI-Mass Spectrometry Imaging combined with quantitative proteomics

J Proteome Res. 2014 Apr 7

<http://dx.doi.org/10.1021/pr401056c>

Domazet B, MacLennan GT, Lopez-Beltran A, Montironi R, Cheng L:
Laser capture microdissection in the genomic and proteomic era: targeting the genetic basis of cancer

Int J Clin Exp Pathol. 2008 Mar 15;1(6):475-88

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2480591/?tool=pubmed>

Dong, B., Sato, M., Sakurada, A., Sagawa, M., Endo, C., Wu, S., Yamanaka, S., Horii, A., and Kondo, T.:
Computed tomographic images reflect the biologic behavior of small lung adenocarcinoma: they correlate with cell proliferation, microvascularization, cell adhesion, degradation of extracellular matrix, and K-ras mutation

J Thorac Cardiovasc Surg 130(3): 733-739 (2005)

<http://www.jtcvsonline.org/article/S0022-5223%2805%2900791-9/abstract>

Dong J, Chen JF, Smalley M, Zhao M, Ke Z, Zhu Y, Tseng HR:

Nanostructured Substrates for Detection and Characterization of Circulating Rare Cells: From Materials Research to Clinical Applications

Adv Mater. 2019 Sep 30:e1903663. doi: 10.1002/adma.201903663.

<https://doi.org/10.1002/adma.201903663>

Du L, Peng R, Björkman A, Filipe de Miranda N, Rosner C, Kotnis A, Berglund M, Liu C, Rosenquist R, Enblad G, Sundström C, Hojjat-Farsangi M, Rabbani H, Teixeira MR, Revy P, Durandy A, Zeng Y, Gennery AR, de Villartay JP, Pan-Hammarström Q:

Cernunnos influences human immunoglobulin class switch recombination and may be associated with B cell lymphomagenesis

J Exp Med. 2012 Feb 6. [Epub ahead of print]

<http://www.jem.org/cgi/pmidlookup?view=long&pmid=22312109>

Duan K, Liu ZJ, Hu SQ, Huo HY, Xu ZR, Ruan JF, Sun Y, Dai LP, Yan CB, Xiong W, Cui QH, Yu HJ, Yu M, Qin Y:

Lactic acid induces lactate transport and glycolysis/OXPHOS interconversion in glioblastoma

Biochem Biophys Res Commun. 2018 Jun 20. pii: S0006-291X(18)31404-9. doi:

10.1016/j.bbrc.2018.06.092.

<https://www.sciencedirect.com/science/article/pii/S0006291X18314049>

Duong TT, Vo DT, Nakayama T, Mukaisho KI, Bamba M, Nguyen TS, Sugihara H:

Rapidly and Slowly Growing Lineages in Chromosomal Instability-Type Gland-Forming Gastric Carcinomas as Revealed by Multisampling Analysis of DNA Copy-Number Profile

Pathobiology. 2019 Jan 9:1-10. doi: 10.1159/000494926.

<https://www.karger.com/Article/Abstract/494926>

Ebelt ND, Zuniga E, Johnson BL, Diamond DJ, Manuel ER:

5-Azacytidine Potentiates Anti-tumor Immunity in a Model of Pancreatic Ductal Adenocarcinoma

Front Immunol. 2020 Mar 31;11:538. doi: 10.3389/fimmu.2020.00538. eCollection 2020.

<https://www.frontiersin.org/articles/10.3389/fimmu.2020.00538/full>

Echizen K, Horiuchi K, Aoki Y, Yamada Y, Minamoto T, Oshima H, Oshima M:

NF- κ B-induced NOX1 activation promotes gastric tumorigenesis through the expansion of SOX2-positive epithelial cells

Oncogene. 2019 Jan 30. doi: 10.1038/s41388-019-0702-0.

<https://www.nature.com/articles/s41388-019-0702-0>

Eichmüller OL, Corsini NS, Vértesy Á, Scholl T, Gruber V-E, Peer AM, Chu J, Novatchkova M, Paredes MF, Feucht M, Knoblich JA:

Cerebral organoid model reveals excessive proliferation of human caudal late interneuron progenitors in Tuberous Sclerosis Complex

bioRxiv, Feb 27, 2020; doi: <https://doi.org/10.1101/2020.02.27.967802>
<https://www.biorxiv.org/content/10.1101/2020.02.27.967802v1>

Ellsworth, D.L., Ellsworth, R.E., Love, B., Deyarmin, B., Lubert, S.M., Mittal, V., and Shriver, C.D.:
Genomic patterns of allelic imbalance in disease free tissue adjacent to primary breast carcinomas
Breast Cancer Res Treat 88(2): 131-139 (2004)

<http://www.springerlink.com/content/p08585p766261t33/>

Ellsworth, R.E., Ellsworth, D.L., Lubert, S.M., Hooke, J., Somiari, R.I., and Shriver, C.D.:
High-throughput loss of heterozygosity mapping in 26 commonly deleted regions in breast cancer
Cancer Epidemiol Biomarkers Prev 12(9): 915-919 (2003)

<http://cebp.aacrjournals.org/content/12/9/915.long>

Ellsworth RE, Field LA, Love B, Kane JL, Hooke JA, and Shriver CD:
Differential Gene Expression in Primary Breast Tumors Associated with Lymph Node Metastasis
Int J Breast Cancer Volume 2011 (2011), Article ID 142763, 7 pages

<http://www.sage-hindawi.com/journals/ijbc/2011/142763/abs/>

Ellsworth RE, Seebach J, Field LA, Heckman C, Kane J, Hooke JA, Love B, Shriver CD:
A gene expression signature that defines breast cancer metastases
Clin Exp Metastasis 26(3):205-13 (2009)

<http://www.springerlink.com/content/102574228038m751/>

Ellsworth RE, Ellsworth DL, Weyandt JD, Fantacone-Campbell JL, Deyarmin B, Hooke JA, Shriver CD:
Chromosomal Alterations in Pure Nonneoplastic Breast Lesions: Implications for Breast Cancer Progression

Ann Surg Oncol. 2010 Jun;17(6):1688-94

<http://www.springerlink.com/content/b611350886456851/>

Eriksen AH, Andersen RF, Pallisgaard N, Sørensen FB, Jakobsen A, Hansen TF:
MicroRNA Expression Profiling to Identify and Validate Reference Genes for the Relative Quantification of microRNA in Rectal Cancer

PLoS One. 2016 Mar 3;11(3):e0150593. doi: 10.1371/journal.pone.0150593.

<http://journals.plos.org/plosone/article/authors?id=10.1371%2Fjournal.pone.0150593>

Eslami A, Miyaguchi K, Mogushi K, Watanabe H, Okada N, Shibuya H, Mizushima H, Miura M, Tanaka H:
PARVB overexpression increases cell migration capability and defines high risk for endophytic growth and metastasis in tongue squamous cell carcinoma

Br J Cancer. 2014 Nov 25. doi: 10.1038/bjc.2014.590.

<http://www.nature.com/bjc/journal/vaop/ncurrent/full/bjc2014590a.html>

Esposito, G.:

Complementary techniques: laser capture microdissection--increasing specificity of gene expression profiling of cancer specimens

Adv Exp Med Biol 593: 54-65 (2007)

<http://www.springerlink.com/content/q448m0n0710r420n/>

Eguchi H, Kumamoto K, Suzuki O, Kohda M, Tada Y, Okazaki Y, Ishida H:
Identification of a Japanese Lynch syndrome patient with large deletion in the 3' region of the EPCAM gene

Jpn J Clin Oncol. 2015 Nov 27. pii: hyv172.

<http://jjco.oxfordjournals.org/cgi/pmidlookup?view=long&pmid=26613680>

Feltmate, C.M., Lee, K.R., Johnson, M., Schorge, J.O., Wong, K.K., Hao, K., Welch, W.R., Bell, D.A., Berkowitz, R.S., and Mok, S.C.:

Whole-genome allelotyping identified distinct loss-of-heterozygosity patterns in mucinous ovarian and appendiceal carcinomas

Clin Cancer Res 11(21): 7651-7657 (2005)

<http://clincancerres.aacrjournals.org/content/11/21/7651.long>

Feng, X., Ren, C., Zhou, W., Liu, W., Zeng, L., Li, G., Wang, L., Li, M., Zhu, B., Yao, K. and Jiang, X:
Promoter Hypermethylation Along With LOH, But Not Mutation, Contributes to Inactivation of DLC-1 in Nasopharyngeal Carcinoma

Mol. Carcinog., 12 JUN 2013, DOI: 10.1002/mc.22044

<http://onlinelibrary.wiley.com/doi/10.1002/mc.22044/abstract>

Field LA, Love B, Deyarmin B, Hooke JA, Shriver CD, Ellsworth RE:

Identification of differentially expressed genes in breast tumors from African American compared with Caucasian women

Cancer. 2012 Mar 1;118(5):1334-44. doi: 10.1002/cncr.26405. Epub 2011 Jul 28.

<http://dx.doi.org/10.1002/cncr.26405>

Frimmer M, Levano KS, Rodriguez-Gabin A, Wang Y, Goldberg GL, Horwitz SB, Hou JY:

Germline mutations of the DNA repair pathways in uterine serous carcinoma

Gynecol Oncol. 2016 Apr;141(1):101-7. doi: 10.1016/j.ygyno.2015.12.034.

[http://linkinghub.elsevier.com/retrieve/pii/S0090-8258\(15\)30237-7](http://linkinghub.elsevier.com/retrieve/pii/S0090-8258(15)30237-7)

Fonseca FP, Macedo CCS, dos Santos Costa FS, Leme AFP, Rodrigues RR, Pontes HAR, Altemani A, van Heerden WFP, Martins MD, de Almeida OP, Silva ARS, Lopes MA, Vargas PA:

MASS SPECTROMETRY-BASED PROTEOME PROFILE MAY BE USEFUL TO DIFFERENTIATE ADENOID CYSTIC CARCINOMA FROM POLYMORPHOUS ADENOCARCINOMA OF SALIVARY GLANDS,

Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2019 Aug 1, ISSN 2212-4403

<http://www.sciencedirect.com/science/article/pii/S2212440319313719>

Forsberg LA, Rasi C, Pekar G, Davies H, Piotrowski A, Absher D, Razzaghian HR, Ambicka A, Halaszka K, Przewoźnik M, Kruczak A, Mandava G, Pasupulati S, Hacker J, Prakash KR, Dasari RC, Lau J, Penagos-Tafurt N, Olofsson HM, Hallberg G, Skotnicki P, Mituś J, Skokowski J, Jankowski M, Śrutek E, Zegarski W, Tiensuu Janson E, Rys J, Tot T, Dumanski JP:

Signatures of post-zygotic structural genetic aberrations in the cells of histologically normal breast tissue that can predispose to sporadic breast cancer

Genome Res. 2015 Oct;25(10):1521-35. doi: 10.1101/gr.187823.114.

<http://genome.cshlp.org/cgi/pmidlookup?view=long&pmid=26430163>

Frau C, Loi R, Petrelli A, Perra A, Menegon S, Kowalik MA, Pinna S, Leoni VP, Fornari F, Gramantieri L, Ledda-Columbano GM, Giordano S, Columbano A:

Local hypothyroidism favours the progression of rat preneoplastic lesions to HCC

Hepatology. 2014 Aug 25. doi: 10.1002/hep.27399.

<http://dx.doi.org/10.1002/hep.27399>

Frick A, Khare V, Paul G, Lang M, Ferk F, Knasmueller S, Beer A, Oberhuber G, Gasche C:

Overt Increase of Oxidative Stress and DNA Damage in Murine and Human Colitis and Colitis-associated Neoplasia

Mol Cancer Res. 2018 Jan 29. pii: molcanres.0451.2017. doi: 10.1158/1541-7786.MCR-17-0451.

<http://mcr.aacrjournals.org/cgi/pmidlookup?view=long&pmid=29378905>

Freire J, Ajona D, de Biurrun G, Agorreta J, Segura V, Guruceaga E, Bleau AM, Pio R, Blanco D, Montuenga LM:

Silica-induced Chronic Inflammation Promotes Lung Carcinogenesis in the Context of an Immunosuppressive Microenvironment

Neoplasia. 2013 Aug;15(8):913-24.

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3730043/>

Frierson, H.F., Jr., El-Naggar, A.K., Welsh, J.B., Sapinoso, L.M., Su, A.I., Cheng, J., Saku, T., Moskaluk, C.A., and Hampton, G.M.:

Large scale molecular analysis identifies genes with altered expression in salivary adenoid cystic carcinoma

Am J Pathol 161(4): 1315-1323 (2002)

<http://www.journals.elsevierhealth.com/periodicals/ajpa/article/S0002-9440%2810%2964408-2/abstract>

Frietsch JJ, Grunewald TG, Jasper S, Kammerer U, Herterich S, Kapp M, Honig A, Butt E:

Nuclear localisation of LASP-1 correlates with poor long-term survival in female breast cancer

Br J Cancer. 2010 May 25;102(11):1645-53

<http://www.nature.com/bjc/journal/v102/n11/full/6605685a.html>

Fujii K, Miyata Y, Takahashi I, Koizumi H, Saji H, Hoshikawa M, Takagi M, Nishimura T, Nakamura H
Differential Proteomic Analysis between Small Cell Lung Carcinoma (SCLC) and Pulmonary Carcinoid Tumors Reveals Molecular Signatures for Malignancy in Lung Cancer

Proteomics Clin Appl. 2018 Nov;12(6):e1800015. doi: 10.1002/prca.201800015.

<https://onlinelibrary.wiley.com/doi/pdf/10.1002/prca.201800015>

Fujita K, Yamamoto H, Matsumoto T, Hirahashi M, Gushima M, Kishimoto J, Nishiyama K, Taguchi T, Yao T, Oda Y :

Sessile Serrated Adenoma With Early Neoplastic Progression: A Clinicopathologic and Molecular Study

Am J Surg Pathol. 2011 Feb;35(2):295-304

http://journals.lww.com/ajsp/Abstract/2011/02000/Sessile_Serrated_Adenoma_With_Early_Neoplastic.15.aspx

Fukuda T, Nomura M, Kato Y, Tojo H, Fujii K, Nagao T, Bando Y, Fehniger TE, Marko-Varga G, Nakamura H, Kato H, Nishimura T:

A selected reaction monitoring mass spectrometric assessment of biomarker candidates diagnosing large-cell neuroendocrine lung carcinoma by the scaling method using endogenous references

PLoS One. 2017 Apr 27;12(4):e0176219. doi: 10.1371/journal.pone.0176219. eCollection 2017.

<http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0176219>

Fujimura T, Inoue S, Urano T, Takayama K, Yamada Y, Ikeda K, Obinata D, Ashikari D, Takahashi S, Homma Y:

Increased expression of tripartite motif (TRIM) 47 is a negative prognostic predictor in human prostate cancer

Clinical Genitourinary Cancer, Available online 28 January 2016, ISSN 1558-7673

<http://dx.doi.org/10.1016/j.clgc.2016.01.011>

Fujimura T, Takahashi S, Urano T, Takayama K, Sugihara T, Obinata D, Yamada Y, Kumagai J, Kume H, Ouchi Y, Inoue S, Homma Y:

Expression of androgen and estrogen signaling components and stem cell markers to predict cancer progression and cancer-specific survival in patients with metastatic prostate cancer

Clin Cancer Res. 2014 Jul 1. pii: clincanres.1105.2013.

<http://clincancerres.aacrjournals.org/cgi/pmidlookup?view=long&pmid=24987058>

Fujisawa M, Kanda T, Shibata T, Sasaki R, Masuzaki R, Matsumoto N, Nirei K, Imazu H, Kuroda K, Sugitani M, Takayama T, Moriyama M:

Involvement of the Interferon Signaling Pathways in Pancreatic Cancer Cells

Anticancer Res. 2020 Aug;40(8):4445-4455. doi: 10.21873/anticancer.14449.

<http://ar.iiarjournals.org/content/40/8/4445.full.pdf>

Funel N, Baron M, Pollina LE, Del Chiaro M, Salem FA, Boggi U, Bevilacqua G, Mosca F, Campani D:
Homozygosity Mutation in K-ras Oncogene in Primary Cell Culture from Pancreatic Ductal Adenocarcinoma. Characteristic of the Tumor or Adaptation in Vitro?

JOP. J Pancreas (Online) 2007; 8(5 Suppl):658-659.

<http://www.joplink.net/prev/200709/39.html>

Funel N, Giovannetti E, Del Chiaro M, Pollina LE, Mosca F, Boggi U, Campani D:
Critical Role of Laser Microdissection for Genetic and Epigenetic Analyses in Pancreatic Cancer: Ten Years of Monocentric Experience

JOP. J Pancreas (Online) 2011 Oct 11; 12(5 Suppl):535

<http://www.joplink.net/prev/201109/162.html>

Funel N, Giovannetti E, Pollina LE, Del Chiaro M, Mosca F, Boggi U, Campani D:
Critical role of laser microdissection for genetic, epigenetic and proteomic analyses in pancreatic cancer

Expert Rev Mol Diagn. 2011 Sep;11(7):695-701

http://www.expert-reviews.com/doi/abs/10.1586/erm.11.62?url_ver=Z39.88-2003&rfr_id=ori:rid:crossref.org&rfr_dat=cr_pub%3dpubmed

Funel N, Maftouh M, Faviana P, Avan A, Pollina LE, Caponi S, Milella M, Cantore M, Pacetti P, Mambrini A, Vasile E, Reni M, Boggi U, Campani D, Giovannetti E:
EZH2 Expression and Polymorphisms in Advanced Pancreatic Cancer

JOP. Journal of the Pancreas, Vol 14, No 5S (2013)

<http://dx.doi.org/10.6092%2F1590-8577%2F1776>

Funel N., Menicagli, M., Campani, D., Esposito, I., Pollina, L.E., Recarli, N., Di Cristofano, C., Cavazzana, A.O., Chifenti, B., Del Chiaro, M., Boggi, U., Mosca, T., and Bevilacqua, G.:
Laser Microdissection on Primary Cell Cultures of Pancreatic Adenocarcinoma

J Pancreas 5: 438-439 (2004)

<http://www.joplink.net/prev/200409/68.html>

Funel N, Morelli M, Giovannetti E, Del Chiaro M, Pollina LE, Mosca F, Boggi U, Cavazzana A, Campani D:
Loss of Heterozygosity Status of D9S105 Marker Is Associated with Downregulation of Krüppel-Like Factor 4 Expression in Pancreatic Ductal Adenocarcinoma and Pancreatic Intraepithelial Lesions

Pancreatology. 2011 Mar 16;11(1):30-42.

<http://content.karger.com/produktedb/produkte.asp?doi=322990>

Funk T, Lim Y, Kulungowski AM, Prok L, Crombleholme TM, Choate K, Bruckner AL:
Symptomatic Congenital Hemangioma and Congenital Hemangiomatosis Associated With a Somatic Activating Mutation in GNA11

JAMA Dermatol. 2016 Jul 20. doi: 10.1001/jamadermatol.2016.2365.

<http://archderm.jamanetwork.com/article.aspx?articleid=2536060>

Fusco N, Guerini-Rocco E, Augello C, Terrasi A, Ercoli G, Fumagalli C, Vacirca D, Braidotti P, Parafioriti A, Jaconi M, Runza L, Ananthanarayanan V, Pagni F, Bosari S, Barberis M, Ferrero S:
Recurrent NAB2-STAT6 gene fusions and estrogen receptor alpha expression in pulmonary adenofibromas

Histopathology. 2017 Jan 10. doi: 10.1111/his.13165.

<http://dx.doi.org/10.1111/his.13165>

Gagner JP, Zagzag D:

Probing Glioblastoma Tissue Heterogeneity with Laser Capture Microdissection

Methods Mol Biol. 2018;1741:209-220. doi: 10.1007/978-1-4939-7659-1_17.

https://link.springer.com/protocol/10.1007/978-1-4939-7659-1_17

García-García AB, Gómez-Mateo MC, Hilario R, Rentero-Garrido P, Martínez-Domenech A, Gonzalez-Albert V, Cervantes A, Marín-García P, Chaves FJ, Ferrández-Izquierdo A, Sabater L:

mRNA expression profiles obtained from microdissected pancreatic cancer cells can predict patient survival

Oncotarget. 2017 Aug 3;8(62):104796-104805. doi: 10.18632/oncotarget.20076. eCollection 2017 Dec 1.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5739601/pdf/oncotarget-08-104796.pdf>

Gendoo DMA, Denroche RE, Zhang A, Radulovich N, Jang GH, Lemire M, Fischer S, Chadwick D, Lungu IM, Ibrahimov E, Cao PJ, Stein LD, Wilson JM, Bartlett JMS, Tsao MS, Dhani N, Hedley D, Gallinger S, Haibe-Kains B:

Whole genomes define concordance of matched primary, xenograft, and organoid models of pancreas cancer

PLoS Comput Biol. 2019 Jan 10;15(1):e1006596. doi: 10.1371/journal.pcbi.1006596. eCollection 2019 Jan.

<http://dx.plos.org/10.1371/journal.pcbi.1006596>

Geng J, Wang H, Liu Y, Tai J, Jin Y, Zhang J, He L, Fu L, Qin H, Song Y, Su J, Zhang A, Wen X, Guo Y, Ni X:

Correlation between BRAF^{V600E} mutation and clinicopathological features in pediatric papillary thyroid carcinoma

SCIENCE CHINA Life Sciences, DOI 10.1007/s11427-017-9083-8

<http://engine.scichina.com/publisher/scp/journal/SCLS/doi/10.1007/s11427-017-9083-8?slug=full%20text>

Ghosh D, Ulasov IV, Chen L, Harkins LE, Wallenborg K, Hothi P, Rostad S, Hood L, Cobbs CS:

TGFβ-Responsive HMOX1 Expression Is Associated with Stemness and Invasion in Glioblastoma Multiforme

Stem Cells. 2016 Jun 29. doi: 10.1002/stem.2411.

<http://dx.doi.org/10.1002/stem.2411>

Gillard M, Lack J, Pontier A, Gandla D, Hatcher D, Sowalsky AG, Rodriguez-Nieves J, Vander Griend D, Paner G, VanderWeele D:

Integrative Genomic Analysis of Coincident Cancer Foci Implicates CTNNB1 and PTEN Alterations in Ductal Prostate Cancer

Eur Urol Focus. 2017 Dec 8. pii: S2405-4569(17)30272-9. doi: 10.1016/j.euf.2017.12.003.

[http://www.eu-focus.europeanurology.com/article/S2405-4569\(17\)30272-9/fulltext](http://www.eu-focus.europeanurology.com/article/S2405-4569(17)30272-9/fulltext)

Gilling CE, Mittal AK, Chaturvedi NK, Iqbal J, Aoun P, Bierman PJ, Bociek RG, Weisenburger DD, Joshi SS:

Lymph node-induced immune tolerance in chronic lymphocytic leukaemia: a role for caveolin-1

Br J Haematol. 2012 May 10. doi: 10.1111/j.1365-2141.2012.09148.x.

<http://onlinelibrary.wiley.com/doi/10.1111/j.1365-2141.2012.09148.x/abstract>

Giovannetti E, Del Tacca M, Mey V, Funel N, Nannizzi S, Ricci S, Boggi U, Orlandini C, Campani D, Del Chiaro M, Iannopolo M, Codacci-Pisanelli G, Bevilacqua G, Mosca F and Danesi R:

Expression of genes involved in the gemcitabine pathway and clinical outcome in pancreatic cancer patients

Proc Amer Assoc Cancer Res, Volume 47 (2006)

<http://www.aacrmeetingabstracts.org/cgi/content/abstract/2006/1/734-a>

Giovannetti E, van der Velde A, Funel N, Vasile E, Perrone V, Leon LG, De Lio N, Avan A, Caponi S, Pollina LE, Gallá V, Sudo H, Falcone A, Campani D, Boggi U, Peters GJ:

High-Throughput MicroRNA (miRNAs) Arrays Unravel the Prognostic Role of MiR-211 in Pancreatic Cancer

PLoS One. 2012;7(11):e49145. doi: 10.1371/journal.pone.0049145. Epub 2012 Nov 14.
<http://dx.plos.org/10.1371/journal.pone.0049145>

Giovannetti E, Wang Q, Avan A, Funel N, Lagerweij T, Lee JH, Caretti V, van der Velde A, Boggi U, Wang Y, Vasile E, Peters GJ, Wurdinger T, Giaccone G:

Role of CYB5A in Pancreatic Cancer Prognosis and Autophagy Modulation

J Natl Cancer Inst. 2013 Dec 3.

<http://jnci.oxfordjournals.org/cgi/pmidlookup?view=long&pmid=24301457>

Giuffre, G., Muller, A., Brodegger, T., Bocker-Edmonston, T., Gebert, J., Kloor, M., Dietmaier, W., Kullmann, F., Buttner, R., Tuccari, G., and Ruschoff, J.:

Microsatellite analysis of hereditary nonpolyposis colorectal cancer-associated colorectal adenomas by laser-assisted microdissection: correlation with mismatch repair protein expression provides new insights in early steps of tumorigenesis

J Mol Diagn 7(2): 160-170 (2005)

<http://www.journals.elsevierhealth.com/periodicals/jmdi/article/S1525-1578%2810%2960542-9/abstract>

Giovannetti, E., Del Tacca, M., Mey, V., Funel, N., Nannizzi, S., Ricci, S., Orlandini, C., Boggi, U., Campani, D., Del Chiaro, M., Iannopolo, M., Bevilacqua, G., Mosca, F., and Danesi, R.:

Transcription analysis of human equilibrative nucleoside transporter-1 predicts survival in pancreas cancer patients treated with gemcitabine

Cancer Res 66(7): 3928-3935 (2006)

<http://cancerres.aacrjournals.org/content/66/7/3928.long>

Giovannetti E, Funel N, Peters GJ, Del Chiaro M, Erozcenci LA, Vasile E, Leon LG, Pollina LE, Groen A, Falcone A, Danesi R, Campani D, Verheul HM, Boggi U:

MicroRNA-21 in pancreatic cancer: correlation with clinical outcome and pharmacologic aspects underlying its role in the modulation of gemcitabine activity

Cancer Res. 2010 Jun 1;70(11):4528-38

<http://cancerres.aacrjournals.org/content/70/11/4528.short>

Gong L, Wei LX, Ren P, Zhang WD, Liu XY, Han XJ, Yao L, Zhu SJ, Lan M, Li YH, Zhang W:

Dysplastic nodules with glypican-3 positive immunostaining: a risk for early hepatocellular carcinoma

PLoS One. 2014 Jan 31;9(1):e87120. doi: 10.1371/journal.pone.0087120. eCollection 2014.

<http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0087120>

Gong L, Zhang WD, Liu XY, Han XJ, Yao L, Zhu SJ, Lan M, Li YH, Zhang W:

Clonal status and clinicopathological observation of cervical minimal deviation adenocarcinoma

Diagn Pathol 5:25 (2010)

<http://diagnosticpathology.org/content/5/1/25/abstract>

Gotoh O, Sugiyama Y, Takazawa Y, Kato K, Tanaka N, Omatsu K, Takeshima N, Nomura H, Hasegawa K, Fujiwara K, Taki M, Matsumura N, Noda T, Mori S:

Clinically relevant molecular subtypes and genomic alteration-independent differentiation in gynecologic carcinosarcoma

Nat Commun. 2019 Oct 31;10(1):4965. doi: 10.1038/s41467-019-12985-x.

<https://www.nature.com/articles/s41467-019-12985-x>

Großerueschkamp F, Bracht T, Diehl HC, Kuepper C, Ahrens M, Kallenbach-Thieltges A, Mosig A, Eisenacher M, Marcus K, Behrens T, Brüning T, Theegarten D, Sitek B, Gerwert K:

Spatial and molecular resolution of diffuse malignant mesothelioma heterogeneity by integrating label-free FTIR imaging, laser capture microdissection and proteomics

Sci Rep. 2017 Mar 30;7:44829. doi: 10.1038/srep44829.

<http://dx.doi.org/10.1038/srep44829>

Gu-Qing Z, Ai-Lan C, Hong Y, Mao-Yu L, Guo-Qing L, Jian-Ling L, Li L:

Quantitative Proteomic Study for Various Stage Tissues of Human Bronchial Epithelial Carcinogenesis by Laser Capture Microdissection

Prog. Biochem. Biophys. 2013; 40 (6)

http://www.pibb.ac.cn/pibben/ch/reader/view_abstract.aspx?file_no=20120474&flag=2

Guerra A, Sapio MR, Marotta V, Campanile E, Rossi S, Forno I, Fugazzola L, Budillon A, Moccia T, Fenzi G, Vitale M

The Primary Occurrence of BRAFV600E Is a Rare Clonal Event in Papillary Thyroid Carcinoma

J Clin Endocrinol Metab. 2011 Dec 14. [Epub ahead of print]

<http://jcem.endojournals.org/cgi/doi/10.1186/1745-7256-14-221>

Guidoboni, M., Ponzoni, M., Caggiari, L., Lettini, A.A., Vago, L., De Re, V., Glohini, A., Zancai, P., Carbone, A., Boiocchi, M., and Dolcetti, R.:

Latent membrane protein 1 deletion mutants accumulate in reed-sternberg cells of human immunodeficiency virus-related Hodgkin's lymphoma

J Virol 79(4): 2643-2649 (2005)

<http://jvi.asm.org/cgi/content/full/79/4/2643?view=long&pmid=15681466>

Haegglblom L, Åhrlund-Richter A, Mirzaie L, Farrajota Neves da Silva P, Ursu RG, Ramqvist T, Näsman A :

Differences in gene expression between high-grade dysplasia and invasive HPV+ and HPV- tonsillar and base of tongue cancer

Cancer Med. 2019 Aug 27. doi: 10.1002/cam4.2450.

<https://onlinelibrary.wiley.com/doi/pdf/10.1002/cam4.2450>

Hallas C, Phillipp J, Domanowsky L, Kah B, Tiemann K:

BCL9L expression in pancreatic neoplasia with a focus on SPN: a possible explanation for the enigma of the benign neoplasia

BMC Cancer. 2016 Aug 18;16:648. doi: 10.1186/s12885-016-2707-1.

<http://bmccancer.biomedcentral.com/articles/10.1186/s12885-016-2707-1>

Han S, Gonzalo DH, Feely M, Delitto D, Behrns KE, Beveridge M, Zhang D, Thomas R, Trevino JG, Schmittgen TD, Hughes SJ:

The pancreatic tumor microenvironment drives changes in miRNA expression that promote cytokine production and inhibit migration by the tumor associated stroma

Oncotarget. 2016 Jul 20. doi: 10.18632/oncotarget.10722.

<http://www.impactjournals.com/oncotarget/misc/linkedout.php?pii=10722>

Han TS, Oshima M:

Laser Microdissection of Cellular Compartments for Expression Analyses in Cancer Models

Methods Mol Biol. 2018;1725:143-153. doi: 10.1007/978-1-4939-7568-6_12.

https://link.springer.com/protocol/10.1007/978-1-4939-7568-6_12

Han Y, Liao Q, Wang H, Rao S, Yi P, Tang L, Tian Y, Oyang L, Wang H, Shi Y, Zhou Y:

High expression of calreticulin indicates poor prognosis and modulates cell migration and invasion via activating Stat3 in nasopharyngeal carcinoma

Journal of Cancer, 2019; 10(22): 5460-5468. doi: 10.7150/jca.35362

<http://www.jcancer.org/v10p5460.pdf>

Harou O, Tondeur G, Descotes F, Balme B, Depaepe L, Bringuier P-P, Caramel J, Thomas L, Dalle S, Lopez J:

The dynamic molecular landscape of malignant melanomas arising from congenital or common nevi

Integr Mol Med 6: DOI: 10.15761/IMM.1000370

<https://www.oatext.com/the-dynamic-molecular-landscape-of-malignant-melanomas-arising-from-congenital-or-common-nevi.php>

Hata T, Suenaga M, Marchionni L, Macgregor-Das A, Yu J, Shindo K, Tamura K, Hruban RH, Goggins M:

Genome-Wide Somatic Copy Number Alterations and Mutations in High-Grade Pancreatic Intraepithelial Neoplasia

Am J Pathol. 2018 Apr 22. pii: S0002-9440(17)31170-7. doi: 10.1016/j.ajpath.2018.03.012.

<https://www.sciencedirect.com/science/article/pii/S0002944017311707#!>

Hayashi T, Koike K, Kumasaka T, Saito, T, Mitani K, Terao Y, Ogishima D, Yao T, Takeda S, Takahashi K, Seyama K:

Uterine angiosarcoma associated with lymphangiomyomatosis in a patient with tuberous sclerosis complex: an autopsy case report with immunohistochemical and genetic analysis

Human Pathology, PII: S0046-8177(12)00112-8; doi:10.1016/j.humpath.2012.03.020

<http://www.humanpathol.com/article/S0046-8177%2812%2900112-8/abstract>

Hembrough T, Thyparambil S, Liao WL, Darfler MM, Abdo J, Bengali KM, Taylor P, Tong J, Lara-Guerra H, Waddell TK, Moran MF, Tsao MS, Krizman DB, Burrows J.:

Selected Reaction Monitoring (SRM) Analysis of Epidermal Growth Factor Receptor (EGFR) in Formalin Fixed Tumor Tissue

Clin Proteomics. 2012 May 3;9(1):5. doi: 10.1186/1559-0275-9-5.

<http://www.clinicalproteomicsjournal.com/content/9/1/5>

Herfs M, Longuespée R, Quick CM, Roncarati P, Suarez-Carmona M, Hubert P, Lebeau A, Bruyere D, Mazzucchelli G, Smargiasso N, Baiwir D, Lai K, Dunn A, Obregon F, Yang EJ, De Pauw E, Crum CP, Delvenne P:

Proteomic signatures reveal a dualistic and clinically relevant classification of anal canal carcinoma

J Pathol. 2016 Dec 15. doi: 10.1002/path.4858.

<http://dx.doi.org/10.1002/path.4858>

Hiraide T, Ikegami K, Sakaguchi T, Morita Y, Hayasaka T, Masaki N, Waki M, Sugiyama E, Shinriki S, Takeda M, Shibasaki Y, Miyazaki S, Kikuchi H, Okuyama H, Inoue M, Setou M, Konno H:

Accumulation of arachidonic acid-containing phosphatidylinositol at the outer edge of colorectal cancer

Sci Rep. 2016 Jul 20;6:29935. doi: 10.1038/srep29935.

<http://dx.doi.org/10.1038/srep29935>

Hirano D, Urabe Y, Tanaka S, Nakamura K, Ninomiya Y, Yuge R, Hayashi R, Oka S, Kitadai Y, Shimamoto F, Arihiro K, Chayama K:

Early-stage serrated adenocarcinomas are divided into several molecularly distinct subtypes

PLoS One. 2019 Feb 20;14(2):e0211477. doi: 10.1371/journal.pone.0211477. eCollection 2019.

<http://dx.plos.org/10.1371/journal.pone.0211477>

Hironaka-Mitsuhashi A, Matsuzaki J, Takahashi RU, Yoshida M, Nezu Y, Yamamoto Y, Shiino S, Kinoshita T, Ushijima T, Hiraoka N, Shimizu C, Tamura K, Ochiya T:

A tissue microRNA signature that predicts the prognosis of breast cancer in young women

PLoS One. 2017 Nov 15;12(11):e0187638. doi: 10.1371/journal.pone.0187638. eCollection 2017.

<http://dx.plos.org/10.1371/journal.pone.0187638>

Hiroshima Y, Kasajima R, Kimura Y, Komura D, Ishikawa S, Ichikawa Y, Bouvet M, Yamamoto N, Oshima T, Morinaga S, Singh SR, Hoffman RM, Endo I, Miyagi Y:

Novel targets identified by integrated cancer-stromal interactome analysis of pancreatic adenocarcinoma

Cancer Letters, 2019, ISSN 0304-3835, <https://doi.org/10.1016/j.canlet.2019.10.031>.
<https://www.sciencedirect.com/science/article/abs/pii/S0304383519305348#!>

Hiyoshi Y, Schetter AJ, Okayama H, Inamura K, Anami K, Nguyen GH, Horikawa I, Hawkes JE, Bowman ED, Leung SY, Harris CC:

Increased MicroRNA-34b and -34c Predominantly Expressed in Stromal Tissues Is Associated with Poor Prognosis in Human Colon Cancer

PLoS One. 2015 Apr 20;10(4):e0124899. doi: 10.1371/journal.pone.0124899. eCollection 2015
<http://dx.plos.org/10.1371/journal.pone.0124899>

Hoffmann H:

Identifying Regulators of Tumor Vascular Morphology

Thesis, 2016

https://opus.bibliothek.uni-wuerzburg.de/opus4-wuerzburg/frontdoor/deliver/index/docId/14234/file/Hoffmann_Helene_Morphology.pdf

Hosono Y, Yamaguchi T, Mizutani E, Yanagisawa K, Arima C, Tomida S, Shimada Y, Hiraoka M, Kato S, Yokoi K, Suzuki M, Takahashi T:

MYBPH, a transcriptional target of TTF-1, inhibits ROCK1, and reduces cell motility and metastasis

EMBO J. 2011 Nov 15. doi: 10.1038/emboj.2011.416.

<http://www.nature.com/emboj/journal/vaop/ncurrent/full/emboj2011416a.html>

Hou S, Zhao L, Shen Q, Yu J, Ng C, Kong X, Wu D, Song M, Shi X, Xu X, OuYang WH, He R, Zhao XZ, Lee T, Brunicardi FC, Garcia MA, Ribas A, Lo RS, Tseng HR:

Polymer nanofiber-embedded microchips for detection, isolation, and molecular analysis of single circulating melanoma cells

Angew Chem Int Ed Engl. 2013 Mar 18;52(12):3379-83. doi: 10.1002/anie.201208452. Epub 2013 Feb 21.

<http://dx.doi.org/10.1002/anie.201208452>

Hsu, K., Huang, S., Chou, C., Shen, M., Cheng, Y., and Chen, Y.Q.:

SCC A2 and SCC A1 expression level in uterine cervical carcinogenesis

Proc Amer Assoc Caner Res 46 (2005)

<http://www.aacrmeetingabstracts.org/cgi/content/abstract/2005/1/85?maxtoshow=&HITS=10&hits=10&RESULTFORMAT=&andexacttitle=and&titleabstract=SCC+A2+and+SCC+A1+expression+level+in+uterine+cervical+carcinogenesis&andexacttitleabs=and&andexactfulltext=and&searchid=1&FIRSTINDEX=0&resourcetype=HWCIT>

Huang P, Kong Q, Gao W, Chu B, Li H, Mao Y, Cai Z, Xu R, Tian R:

Spatial Proteome Profiling by Immunohistochemistry-Based Laser Capture Microdissection and Data-Independent Acquisition Proteomics

Analytica Chimica Acta, 2020 Aug 29, doi:10.1016/j.aca.2020.06.049

<https://www.sciencedirect.com/science/article/abs/pii/S000326702030698X>

Huang Q, Wang Y, Chen X, Wang Y, Li Z, Du S, Wang L, Chen S:

Nanotechnology-Based Strategies for Early Cancer Diagnosis Using Circulating Tumor Cells as a Liquid Biopsy

Nanotheranostics 2018, Vol. 2

<http://www.ntno.org/v02p0021.pdf>

Huang YS, Bu DF, Li XY, Ma ZH, Yang Y, Lin ZM, Lu FM, Tu P, Li H:

Unique features of PTCH1 mutation spectrum in Chinese sporadic basal cell carcinoma

J Eur Acad Dermatol Venereol. 2012 Feb 7. doi: 10.1111/j.1468-3083.2012.04453.x.

<http://dx.doi.org/10.1111/j.1468-3083.2012.04453.x>

Humphries A, Cereser B, Gay LJ, Miller DS, Das B, Gutteridge A, Elia G, Nye E, Jeffery R, Poulosom R, Novelli MR, Rodriguez-Justo M, McDonald SA, Wright NA, Graham TA:
Lineage tracing reveals multipotent stem cells maintain human adenomas and the pattern of clonal expansion in tumor evolution

Proc Natl Acad Sci U S A. 2013 Jun 13.

<http://www.pnas.org/cgi/pmidlookup?view=long&pmid=23766371>

Hunt AL, Pierobon M, Baldelli E, Oliver J, Mitchell D, Gist G, Bateman NW, Larry Maxwell G, Petricoin EF, Conrads TP:

The impact of ultraviolet- and infrared-based laser microdissection technology on phosphoprotein detection in the laser microdissection-reverse phase protein array workflow

Clin Proteomics. 2020 Mar 9;17:9. doi: 10.1186/s12014-020-09272-z. eCollection 2020.

<https://clinicalproteomicsjournal.biomedcentral.com/track/pdf/10.1186/s12014-020-09272-z>

Hwang JH, Voortman J, Giovannetti E, Steinberg SM, Leon LG, Kim YT, Funel N, Park JK, Kim MA, Kang GH, Kim SW, Del Chiaro M, Peters GJ, Giaccone G:

Identification of MicroRNA-21 as a Biomarker for Chemoresistance and Clinical Outcome Following Adjuvant Therapy in Resectable Pancreatic Cancer

PLoS One. 2010 May 14;5(5):e10630

<http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0010630>

Igarashi S, Matsubara T, Harada K, Ikeda H, Sato Y, Sasaki M, Matsui O, Nakanuma Y:

Bile duct expression of pancreatic and duodenal homeobox 1 in perihilar cholangiocarcinogenesis
Histopathology. 2012 May 17. doi: 10.1111/j.1365-2559.2012.04218.x.

<http://onlinelibrary.wiley.com/doi/10.1111/j.1365-2559.2012.04218.x/abstract>

Ikeda, J., Morii, E., Tomita, Y., Xu, J.X., Kimura, H., Kohara, M., Hoshida, Y., and Aozasa, K.:

Methotrexate-associated lymphoproliferative disorder mimicking composite lymphoma

Int J Hematol 83(4): 363-365 (2006)

<http://www.springerlink.com/content/2700876436721844/>

Imaoka, T., Okamoto, M., Nishimura, M., Nishimura, Y., Ootawara, M., Kakinuma, S., Tokairin, Y., and Shimada, Y.:

Mammary tumorigenesis in ApcMin/+ mice is enhanced by X irradiation with a characteristic age dependence

Radiat Res 165(2): 165-173 (2006)

<http://www.rjournal.org/doi/full/10.1667/RR3502.1>

Inoue S, Hirota Y, Ueno T, Fukui Y, Yoshida E, Hayashi T, Kojima S, Takeyama R, Hashimoto T, Kiyono T, Ikemura M, Taguchi A, Tanaka T, Tanaka Y, Sakata S, Takeuchi K, Muraoka A, Osuka S, Saito T, Oda K, Osuga Y, Terao Y, Kawazu M, Mano H :

Uterine adenomyosis is an oligoclonal disorder associated with KRAS mutations

Nat Commun. 2019 Dec 19;10(1):5785. doi: 10.1038/s41467-019-13708-y.

<https://www.nature.com/articles/s41467-019-13708-y>

Itakura M, Terashima Y, Shingyoji M, Yokoi S, Ohira M, Kageyama H, Matui Y, Yoshida Y, Ashinuma H, Moriya Y, Tamura H, Harigaya K, Matushima K, Iizasa T, Nakagawara A, Kimura H:

High CC chemokine receptor 7 expression improves postoperative prognosis of lung adenocarcinoma patients

Br J Cancer. 2013 Aug 6. doi: 10.1038/bjc.2013.440.

<http://www.nature.com/bjc/journal/vaop/ncurrent/full/bjc2013440a.html>

Ito S, Fujii H, Matsumoto T, Abe M, Ikeda K, Hino O:

Frequent expression of Niban in head and neck squamous cell carcinoma and squamous dysplasia

Head Neck 32(1):96-103 (2010)

<http://onlinelibrary.wiley.com/doi/10.1002/hed.21153/full>

Ito, S., Ohga, T., Saeki, H., Nakamura, T., Watanabe, M., Tanaka, S., Kakeji, Y., and Maehara, Y.: p53 mutation profiling of multiple esophageal carcinoma using laser capture microdissection to demonstrate field carcinogenesis

Int J Cancer 113(1): 22-28 (2005)

<http://onlinelibrary.wiley.com/doi/10.1002/ijc.20500/full>

Ivagnes A:

Valeur prédictive du récepteur NKp30 dans la réponse à l'imatinib mesylate des tumeurs stromales gastrointestinales et identification d'un nouveau mécanisme inhibiteur des cellules Natural Killer par la voie TNF α /TNFR2/BIRC3/TRAF1

Thesis (article mainly in French), Oncoimmunology

<https://tel.archives-ouvertes.fr/tel-01625085/document>

Iwatsuki M, Mimori K, Ishii H, Yokobori T, Takatsuno Y, Sato T, Toh H, Onoyama I, Nakayama KI, Baba H, Mori M :

Loss of FBXW7, a cell cycle regulating gene, in colorectal cancer: clinical significance

Int J Cancer 126(8):1828-37 (2010)

<http://onlinelibrary.wiley.com/doi/10.1002/ijc.24879/full>

Iwatsuki M, Mimori K, Yokobori T, Tanaka F, Tahara K, Inoue H, Baba H, Mori M:

A platinum agent resistance gene, POLB, is a prognostic indicator in colorectal cancer

J Surg Oncol. 2009 Sep 1;100(3):261-6.

<http://onlinelibrary.wiley.com/doi/10.1002/jso.21275/abstract>

Iyer A, Hennessey D, O'Keefe S, Patterson J, Wang W, Salopek T, Wong GK, Gniadecki R: Clonotypic heterogeneity in cutaneous T-cell lymphoma (mycosis fungoides) revealed by comprehensive whole-exome sequencing

Blood Adv. 2019 Apr 9;3(7):1175-1184. doi: 10.1182/bloodadvances.2018027482.

<http://www.bloodadvances.org/cgi/pmidlookup?view=long&pmid=30967393>

Jan YJ, Chen JF, Zhu Y, Lu YT, Chen SH, Chung H, Smalley M, Huang YW, Dong J, Chen LC, Yu HH, Tomlinson JS, Hou S, Agopian VG, Posadas EM, Tseng HR:

NanoVelcro rare-cell assays for detection and characterization of circulating tumor cells

Adv Drug Deliv Rev. 2018 Mar 15. pii: S0169-409X(18)30045-0. doi: 10.1016/j.addr.2018.03.006.

[https://linkinghub.elsevier.com/retrieve/pii/S0169-409X\(18\)30045-0](https://linkinghub.elsevier.com/retrieve/pii/S0169-409X(18)30045-0)

Jarzabek MA, Proctor WR, Vogt J, Desai R, Dicker P, Cain G, Raja R, Brodbeck J, Stevens D, van der Stok EP, Martens JWM, Verhoef C, Hegde PS, Byrne AT, Tarrant JM:

Interrogation of transcriptomic changes associated with drug-induced hepatic sinusoidal dilatation in colorectal cancer

PLoS One. 2018 Jun 7;13(6):e0198099. doi: 10.1371/journal.pone.0198099.

<http://dx.plos.org/10.1371/journal.pone.0198099>

Jiang YZ, Yu KD, Peng WT, Di GH, Wu J, Liu GY, Shao ZM:

Enriched variations in TEKT4 and breast cancer resistance to paclitaxel

Nat Commun. 2014 May 13;5:3802. doi: 10.1038/ncomms4802.

<http://dx.doi.org/10.1038/ncomms4802>

Johnson BL, d'Alincourt Salazar M, Mackenzie-Dyck S, D'Apuzzo M, Shih HP, Manuel ER, Diamond DJ:

Desmoplasia and oncogene driven acinar-to-ductal metaplasia are concurrent events during acinar cell-derived pancreatic cancer initiation in young adult mice

PLoS One. 2019 Sep 6;14(9):e0221810. doi: 10.1371/journal.pone.0221810. eCollection 2019.
<https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0221810>

Joseph A, Gnanapragasam VJ:

Laser-Capture Microdissection and Transcriptional Profiling in Archival FFPE Tissue in Prostate Cancer

Methods Mol Biol. 2011;755:291-300.

<http://www.springerlink.com/content/x5g8x31w083p3239/#section=924966&page=1&locus=5>

Kachroo N, Valencia T, Warren AY, Gnanapragasam VJ:

Evidence for downregulation of the negative regulator SPRED2 in clinical prostate cancer

Br J Cancer. 2012 Nov 20. doi: 10.1038/bjc.2012.507.

<http://dx.doi.org/10.1038/bjc.2012.507>

Kalloger SE, Karasinska JM, Keung MS, Thompson DL, Ho J, Chow C, Gao D, Topham JT, Warren C, Wong HL, Lee MK, Renouf DJ, Schaeffer DF:

Stroma versus epithelium- enhanced prognostics through histologic stratification in pancreatic ductal adenocarcinoma

Int J Cancer. 2020 Sep 21. doi: 10.1002/ijc.33304.

<https://onlinelibrary.wiley.com/doi/abs/10.1002/ijc.33304>

Kaneko, T., Okiji, T. & Nör, J.E.:

Laser capture microdissection in oral cancer research: a review

The Research and Biology of Cancer II. ISBN: . iConcept Press. (2013)

<http://iconceptpress.com/download/paper/12050811061845.pdf>

Kanwar N, Done SJ:

Negative Enrichment and Isolation of Circulating Tumor Cells for Whole Genome Amplification

Methods Mol Biol. 2017;1634:143-152. doi: 10.1007/978-1-4939-7144-2_11.

https://link.springer.com/protocol/10.1007/978-1-4939-7144-2_11

Kato K, Kuhara A, Yoneda T, Inoue T, Takao T, Ohgami T, Dan L, Kuboyama A, Kusunoki S, Takeda S, Wake N:

Sodium butyrate inhibits the self-renewal capacity of endometrial tumor side-population cells by inducing a DNA damage response.

Mol Cancer Ther. 2011 Jun 1; doi: 10.1158/1535-7163.MCT-10-1062

<http://mct.aacrjournals.org/content/early/2011/06/01/1535-7163.MCT-10-1062.abstract>

Kato Y, Nishimura T, Matsubayashi J, Furukawa K, Nomura M, Fujii K, Nakamura H, Kato H:

An importance of clinical proteomics for personalized medicine of lung cancer subtypes

Integr Cancer Sci Therap. 3: DOI: 10.15761/ICST.1000177.

<http://oatext.com/An-importance-of-clinical-proteomics-for-personalized-medicine-of-lung-cancer-subtypes.php#Article>

Katz SF, Lechel A, Obenauf AC, Begus-Nahrman Y, Kraus J, Hoffmann EM, Duda J, Eshraghi P, Hartmann D, Liss B, Schirmacher P, Kestler HA, Speicher MR, Rudolph KL

Disruption of Trp53 in Livers of Mice Induces Formation of Carcinomas with Bilineal Differentiation

Gastroenterology. 2012 Feb 15. [Epub ahead of print]

[http://linkinghub.elsevier.com/retrieve/pii/S0016-5085\(12\)00204-1](http://linkinghub.elsevier.com/retrieve/pii/S0016-5085(12)00204-1)

Kawamura T, Nomura M, Tojo H, Fujii K, Hamasaki H, Mikami S, Bando Y, Kato H, Nishimura T:

Proteomic analysis of laser-microdissected paraffin-embedded tissues: (1) Stage-related protein candidates upon non-metastatic lung adenocarcinoma

J Proteomics 73(6): 1089-99 (2010)
<http://dx.doi.org/10.1016/j.jprot.2009.11.011>

Kelly, M.G., Alvero, A.B., Chen, R., Silasi, D.A., Abrahams, V.M., Chan, S., Visintin, I., Rutherford, T., and Mor, G.:

TLR-4 signaling promotes tumor growth and paclitaxel chemoresistance in ovarian cancer
Cancer Res 66(7): 3859-3868 (2006)
<http://cancerres.aacrjournals.org/content/66/7/3859.long>

Kerr SE, Flotte AB, McFalls MJ, Vrana JA, Halling KC, Bell DA:

Matching Maternal Isodisomy in Mucinous Carcinomas and Associated Ovarian Teratomas Provides Evidence of Germ Cell Derivation for Some Mucinous Ovarian Tumors
Am J Surg Pathol. 2013 Jun 14.
http://journals.lww.com/ajsp/Abstract/publishahead/Matching_Maternal_Isodisomy_in_Mucinous_Carcinomas.98783.aspx

Kieffer, N., Schmitz, M., Plancon, S., Margue, C., Huselstein, F., Grignard, G., Dippel, W., Nathan, M., Giacchi, S., and Scheiden, R.:

ILK as a potential marker gene to ascertain specific adenocarcinoma cell mRNA isolation from frozen prostate biopsy tissue sections
Int J Oncol 26(6): 1549-1558 (2005)
<http://www.spandidos-publications.com/ijo/26/6/1549>

Kikuchi A, Ishikawa T, Mogushi K, Ishiguro M, Iida S, Mizushima H, Uetake H, Tanaka H, Sugihara K:
Identification of NUCKS1 as a colorectal cancer prognostic marker through integrated expression and copy number analysis
Int J Cancer. 2012 Oct 15. doi: 10.1002/ijc.27911.
<http://dx.doi.org/10.1002/ijc.27911>

Kikuchi-Koike R, Nagasaka K, Tsuda H, Ishii Y, Sakamoto M, Kikuchi Y, Fukui S, Miyagawa Y, Hiraike H, Kobayashi T, Kinoshita T, Kanai Y, Shibata T, Imoto I, Inazawa J, Matsubara O, Ayabe T:
Array comparative genomic hybridization analysis discloses chromosome copy number alterations as indicators of patient outcome in lymph node-negative breast cancer
BMC Cancer. 2019 May 30;19(1):521. doi: 10.1186/s12885-019-5737-7.
<https://bmccancer.biomedcentral.com/track/pdf/10.1186/s12885-019-5737-7>

Kim SK, Jung WH, Koo JS:

Differential expression of enzymes associated with serine/glycine metabolism in different breast cancer subtypes
PLoS One. 2014 Jun 30;9(6):e101004. doi: 10.1371/journal.pone.0101004. eCollection 2014.
<http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0101004>

Kimura Y, Arakawa F, Kiyasu J, Miyoshi H, Yoshida M, Ichikawa A, Niino D, Sugita Y, Okamura T, Doi A, Yasuda K, Tashiro K, Kuhara S, Ohshima K:

The Wnt signaling pathway and mitotic regulators in the initiation and evolution of mantle cell lymphoma: Gene expression analysis
Int J Oncol. 2013 Jun 12. doi: 10.3892/ijo.2013.1982.
<http://www.spandidos-publications.com/10.3892/ijo.2013.1982>

Kimura Y, Fukuda A, Ogawa S, Maruno T, Takada Y, Tsuda M, Hiramatsu Y, Araki O, Nagao M, Yoshikawa T, Ikuta K, Yoshioka T, Wang Z, Akiyama H, Wright CV, Takaori K, Uemoto S, Chiba T, Seno H:

ARID1A Maintains Differentiation of Pancreatic Ductal Cells and Inhibits Development of Pancreatic Ductal Adenocarcinoma in Mice
Gastroenterology. 2018 Mar 28. pii: S0016-5085(18)30346-9. doi: 10.1053/j.gastro.2018.03.039.

[https://linkinghub.elsevier.com/retrieve/pii/S0016-5085\(18\)30346-9](https://linkinghub.elsevier.com/retrieve/pii/S0016-5085(18)30346-9)

Kirana C, Peng L, Miller R, Keating JP, Glenn C, Shi H, Jordan TW, Maddern GJ, Stubbs RS:
Combination of laser microdissection, 2D-DIGE and MALDI-TOF MS to identify protein biomarkers to predict colorectal cancer spread

Clin Proteomics. 2019 Jan 22;16:3. doi: 10.1186/s12014-019-9223-7. eCollection 2019.

<https://clinicalproteomicsjournal.biomedcentral.com/articles/10.1186/s12014-019-9223-7>

Kirana C, Shi H, Laing E, Hood K, Miller R, Bethwaite P, Keating J, Jordan TW, Hayes M, and Stubbs R:
Cathepsin D Expression in Colorectal Cancer: From Proteomic Discovery through Validation Using Western Blotting, Immunohistochemistry, and Tissue Microarrays

International Journal of Proteomics, Volume 2012 (2012), Article ID 245819, 10 pages,

doi:10.1155/2012/245819

<http://www.hindawi.com/journals/ijpro/2012/245819/cta/>

Kishi N, Ito M, Miyata Y, Kanai A, Handa Y, Tsutani Y, Kushitani K, Takeshima Y, Okada M:
Intense Expression of EGFR L858R Characterizes the Micropapillary Component and L858R Is Associated with the Risk of Recurrence in pN0M0 Lung Adenocarcinoma with the Micropapillary Component

Ann Surg Oncol. 2019 Nov 15. doi: 10.1245/s10434-019-07854-2.

<https://link.springer.com/article/10.1245/s10434-019-07854-2>

Kiso M, Urabe Y, Ito M, Masuda K, Boda T, Kotachi T, Hata K, Yorita N, Nagasaki N, Abduwali M, Hiyama Y, Oka S, Tanaka S, Chayama K:

Clinical and genomic characteristics of mucosal signet-ring cell carcinoma in Helicobacter pylori-uninfected stomach

BMC Gastroenterol. 2020 Jul 29;20(1):243. doi: 10.1186/s12876-020-01387-9

<https://link.springer.com/content/pdf/10.1186/s12876-020-01387-9.pdf>

Klevebring D, Lindberg J, Rockberg J, Hilliges C, Hall P, Sandberg M, Czene K:

Exome sequencing of contralateral breast cancer identifies metastatic disease

Breast Cancer Res Treat. 2015 Apr 29.

<http://dx.doi.org/10.1007/s10549-015-3403-6>

Knudsen ES, Ertel A, Davicioni E, Kline J, Schwartz GF, Witkiewicz AK:

Progression of ductal carcinoma in situ to invasive breast cancer is associated with gene expression programs of EMT and myoepithelia

Breast Cancer Res Treat. 2011 Dec 2. [Epub ahead of print]

<http://www.springerlink.com/content/f8150452382np711/>

Kobayashi, K., Nishioka, M., Kohno, T., Nakamoto, M., Maeshima, A., Aoyagi, K., Sasaki, H., Takenoshita, S., Sugimura, H., and Yokota, J.:

Identification of genes whose expression is upregulated in lung adenocarcinoma cells in comparison with type II alveolar cells and bronchiolar epithelial cells in vivo

Oncogene 23(17): 3089-3096 (2004)

<http://www.nature.com/onc/journal/v23/n17/full/1207433a.html>

Komuta M, Govaere O, Vandecaveye V, Akiba J, Van Steenberghe W, Verslype C, Pirenne J, Aerts R, Yano H, Nevens F, Topal B, Roskams T

Histological diversity in cholangiocellular carcinoma reflects the different cholangiocyte phenotypes

Hepatology. 2012 Jan 23. doi: 10.1002/hep.25595.

<http://dx.doi.org/10.1002/hep.25595>

Koper A, Zeef LA, Joseph L, Kerr K, Gosney J, Lindsay MA, Booton R:

Whole Transcriptome Analysis of Pre-invasive and Invasive Early Squamous Lung Carcinoma in Archival Laser Microdissected Samples

Respir Res. 2017 Jan 10;18(1):12. doi: 10.1186/s12931-016-0496-3.

<https://respiratory-research.biomedcentral.com/articles/10.1186/s12931-016-0496-3>

Koperek O, Kornauth C, Capper D, Berghoff AS, Asari R, Niederle B, von Deimling A, Birner P, Preusser M:

Immunohistochemical detection of the BRAF V600E-mutated protein in papillary thyroid carcinoma

Am J Surg Pathol. 2012 Jun;36(6):844-50. doi: 10.1097/PAS.0b013e318246b527.

<http://meta.wkhealth.com/pt/pt-core/template-journal/lwwgateway/media/landingpage.htm?issn=0147-5185&volume=36&issue=6&spage=844>

Kortüm B, Campregher C, Lang M, Khare V, Pinter M, Evstatiev R, Schmid G, Mittlböck M, Scharl T, Kucherlapati MH, Edelmann W, Gasche C:

Mesalazine and thymoquinone attenuate intestinal tumour development in Msh2loxP/loxP Villin-Cre mice

Gut. 2014 Nov 26. pii: gutjnl-2014-307663. doi: 10.1136/gutjnl-2014-307663.

<http://gut.bmj.com/cgi/pmidlookup?view=long&pmid=25429050>

Korvala J, Jee K, Porkola E, Almangush A, Mosakhani N, Bitu C, Cervigne NK, Zandonadi FS, Meirelles GV, Leme AF, Coletta RD, Leivo I, Salo T:

MicroRNA and protein profiles in invasive versus non-invasive oral tongue squamous cell carcinoma cells in vitro

Exp Cell Res. 2016 Oct 20. pii: S0014-4827(16)30340-8. doi: 10.1016/j.yexcr.2016.10.015.

[http://linkinghub.elsevier.com/retrieve/pii/S0014-4827\(16\)30340-8](http://linkinghub.elsevier.com/retrieve/pii/S0014-4827(16)30340-8)

Kowalik MA, Puliga E, Cabras L, Sulas P, Petrelli A, Perra A, Ledda-Columbano GM, Morandi A, Merlin S, Orrù C, Sanchez-Martin C, Fornari F, Gramantieri L, Parri M, Rasola A, Bellomo SE, Sebastian C, Follenzi A, Giordano S, Columbano A:

Thyroid hormone inhibits hepatocellular carcinoma progression via induction of differentiation and metabolic reprogramming

J Hepatol. 2020 Jan 15. pii: S0168-8278(20)30009-X. doi: 10.1016/j.jhep.2019.12.018.

<https://www.sciencedirect.com/science/article/pii/S016882782030009X#!>

Kristensen LS, Ebbesen KK, Sokol M, Jakobsen T, Korsgaard U, Eriksen AC, Hansen TB, Kjems J, Hager H:

Spatial expression analyses of the putative oncogene ciRS-7 in cancer reshape the microRNA sponge theory

Nat Commun. 2020 Sep 11;11(1):4551. doi: 10.1038/s41467-020-18355-2.

<https://www.nature.com/articles/s41467-020-18355-2.pdf>

Kruspig B, Monteverde T, Neidler S, Hock A, Kerr E, Nixon C, Clark W, Hedley A, Laing S, Coffelt SB, Le Quesne J, Dick C, Vousden KH, Martins CP, Murphy DJ:

The ERBB network facilitates KRAS-driven lung tumorigenesis

Sci Transl Med. 2018 Jun 20;10(446). pii: eaao2565. doi: 10.1126/scitranslmed.aao2565. Erratum in: Sci Transl Med. 2018 Nov 21;10(468):.

<http://stm.sciencemag.org/cgi/pmidlookup?view=short&pmid=29925636>

Kudo N, Ogose A, Ariizumi T, Kawashima H, Hotta T, Hatano H, Morita T, Nagata M, Siki Y, Kawai A, Hotta Y, Hoshino M, Endo N:

Expression of Bone Morphogenetic Proteins in Giant Cell Tumor of Bone

Anticancer Res. 2009 Jun;29(6):2219-25

<http://ar.iijournals.org/content/29/6/2219.short>

Kumagae Y, Hirahashi M, Takizawa K, Yamamoto H, Gushima M, Esaki M, Matsumoto T, Nakamura M, Kitazono T, Oda Y:

Overexpression of MTH1 and OGG1 proteins in ulcerative colitis-associated carcinogenesis

Oncology Letters, 0, 0-0. <https://doi.org/10.3892/ol.2018.8812>

<https://www.spandidos-publications.com/10.3892/ol.2018.8812>

Kunita A, Morita S, Irisa TU, Goto A, Niki T, Takai D, Nakajima J, Fukayama M:

MicroRNA-21 in cancer-associated fibroblasts supports lung adenocarcinoma progression

Sci Rep. 2018 Jun 11;8(1):8838. doi: 10.1038/s41598-018-27128-3.

<http://dx.doi.org/10.1038/s41598-018-27128-3>

Kuscu C, Evensen N, Kim D, Hu Y-J, Zucker S, and Cao J:

Transcriptional and Epigenetic Regulation of KIAA1199 Gene Expression in Human Breast Cancer

PLoS ONE 7(9): e44661. doi:10.1371/journal.pone.0044661

<http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0044661>

Kuribayashi, M., Asamoto, M., Suzuki, S., Hokaiwado, N., Ogawa, K., and Shirai, T.:

Lack of modification of 2-amino-3,8-dimethylimidazo[4,5-f]quinoxaline (MeIQx) rat hepatocarcinogenesis by caffeine, a CYP1A2 inducer, points to complex counteracting influences

Cancer Lett 232(2): 289-299 (2006)

<http://www.cancerletters.info/article/S0304-3835%2805%2900231-4/abstract>

Kuwabara K, Suzuki O, Chika N, Kumamoto K, Minabe T, Fukuda T, Arai E, Tamaru JI, Akagi K, Eguchi H, Okazaki Y, Ishida H:

Prevalence and molecular characteristics of DNA mismatch repair protein-deficient sebaceous neoplasms and keratoacanthomas in a Japanese hospital-based population

Jpn J Clin Oncol. 2018 Apr 28. doi: 10.1093/jjco/hyy055.

<https://academic.oup.com/jjco/article-lookup/doi/10.1093/jjco/hyy055>

La Belle Flynn A, Calhoun BC, Sharma A, Chang JC, Almasan A, Schiemann WP:

Autophagy inhibition elicits emergence from metastatic dormancy by inducing and stabilizing Pfkfb3 expression

Nat Commun. 2019 Aug 14;10(1):3668. doi: 10.1038/s41467-019-11640-9.

<https://www.nature.com/articles/s41467-019-11640-9.pdf>

Langenkamp E, vom Hagen FM, Zwiers PJ, Moorlag HE, Schouten JP, Hammes HP, Gouw ASH, and Molema G:

Tumor Vascular Morphology Undergoes Dramatic Changes during Outgrowth of B16Melanoma While Proangiogenic Gene Expression Remains Unchanged

ISRN Oncology, Vol 2011, Article ID 409308, 14 pages, doi:10.5402/2011/409308

<http://www.isrn.com/journals/oncology/2011/409308/>

Lawson ARJ, Abascal F, Coorens THH, Hooks Y, O'Neill L, Latimer C, Raine K, Sanders MA, Warren AY, Mahbubani KTA, Bareham B, Butler TM, Harvey LMR, Cagan A, Menzies A, Moore L, Colquhoun AJ, Turner W, Thomas B, Gnanapragasam V, Williams N, Rassl DM, Vöhringer H, Zumalave S, Nangalia J, Tubío JMC, Gerstung M, Saeb-Parsy K, Stratton MR, Campbell PJ, Mitchell TJ, Martincorena I:

Extensive heterogeneity in somatic mutation and selection in the human bladder

Science. 2020 Oct 2;370(6512):75-82. doi: 10.1126/science.aba8347.

<https://science.sciencemag.org/content/370/6512/75.abstract>

Le Large TY, Mantini G, Meijer LL, Pham TV, Funel N, van Grieken NC, Kok B, Knol JC, van Laarhoven HWM, Piersma SR, Jimenez CR, Kazemier G, Giovannetti E, Bijlsma MF :

Microdissected pancreatic cancer proteomes reveal tumor heterogeneity and therapeutic targets

JCI Insight. 2020 Jul 7:138290. doi: 10.1172/jci.insight.138290.

<https://doi.org/10.1172/jci.insight.138290>

Le Loarer F, Watson S, Pierron G, de Montpreville VT, Ballet S, Firmin N, Auguste A, Pissaloux D, Boyault S, Paindavoine S, Dechelotte PJ, Besse B, Vignaud JM, Brevet M, Fadel E, Richer W, Treilleux I, Masliah-Planchon J, Devouassoux-Shisheboran M, Zalzman G, Allory Y, Bourdeaut F, Thivolet-Bejui F, Ranchere-Vince D, Girard N, Lantuejoul S, Galateau-Sallé F, Coindre JM, Leary A, Delattre O, Blay JY, Tirode F:
SMARCA4 inactivation defines a group of undifferentiated thoracic malignancies transcriptionally related to BAF-deficient sarcomas

Nat Genet. 2015 Sep 7. doi: 10.1038/ng.3399.

<http://dx.doi.org/10.1038/ng.3399>

Lebelo RL, Bogers JJ, Thys S, Depuydt C, Benoy I, Selabe SG, Bida MN, Mphahlele MJ:
Detection, genotyping and quantitation of multiple hpv infections in south african women with cervical squamous cell carcinoma

J Med Virol. 2015 Jun 2. doi: 10.1002/jmv.24132.

<http://dx.doi.org/10.1002/jmv.24132>

Lee JH, Giovannetti E, Hwang JH, Petrini I, Wang Q, Voortman J, Wang Y, Steinberg SM, Funel N, Meltzer PS, Wang Y, Giaccone G :

Loss of 18q22.3 involving the carboxypeptidase of glutamate-like gene is associated with poor prognosis in resected pancreatic cancer

Clin Cancer Res. 2012 Jan 15;18(2):524-33.

<http://clincancerres.aacrjournals.org/content/18/2/524.abstract>

Lee S, Zhao L, Rojas C, Bateman NW, Yao H, Lara OD, Celestino J, Morgan MB, Nguyen TV, Conrads KA, Rangel KM, Dood RL, Hajek RA, Fawcett GL, Chu RA, Wilson K, Loffredo JL, Viollet C, Jazaeri AA, Dalgard CL, Mao X, Song X, Zhou M, Hood BL, Banskota N, Wilkerson MD, Te J, Soltis AR, Roman K, Dunn A, Cordover D, Eterovic AK, Liu J, Burks JK, Baggerly KA, Fleming ND, Lu KH, Westin SN, Coleman RL, Mills GB, Casablanca Y, Zhang J, Conrads TP, Maxwell GL, Futreal PA, Sood AK

Molecular Analysis of Clinically Defined Subsets of High-Grade Serous Ovarian Cancer

Cell Rep. 2020 Apr 14;31(2):107502. doi: 10.1016/j.celrep.2020.03.066.

<https://www.sciencedirect.com/science/article/pii/S2211124720303922>

Legrès LG:

New Technical Trends in Cancer Research: The Laser Microdissection Approach

Hos Pal Med Int Jnl 1(3): 00014. (2017)

<https://pdfs.semanticscholar.org/c600/a071b8b343de46199dbadb3d8a9f08ec4af3.pdf>

LeGrand J, Park ES, Wang H, Gupta S, Owens JD Jr, Nelson PJ, Dubois W, Bair T, Janz S, Mushinski JF:

Global gene expression profiling in mouse plasma cell tumor precursor and bystander cells reveals potential intervention targets for plasma-cell neoplasia

Blood. 2011 Dec 6.

<http://bloodjournal.hematologylibrary.org/cgi/pmidlookup?view=long&pmid=22147894>

Lei Y, Huang T, Su M, Luo J, Korteweg C, Li J, Chen Z, Qiu Y, Liu X, Yan M, Wang Y, Gu J:

Expression and distribution of immunoglobulin G in the normal liver, hepatocarcinoma and postpartial hepatectomy liver

Lab Invest. 2014 Sep 29. doi: 10.1038/labinvest.2014.114

<http://dx.doi.org/10.1038/labinvest.2014.114>

Leone, F., Cavalloni, G., Pignochino, Y., Sarotto, I., Ferraris, R., Piacibello, W., Venesio, T., Capussotti, L., Risio, M., and Aglietta, M.:

Somatic mutations of epidermal growth factor receptor in bile duct and gallbladder carcinoma

Clin Cancer Res 12(6): 1680-1685 (2006)

<http://clincancerres.aacrjournals.org/content/12/6/1680.long>

Letellier E, Schmitz M, Baig K, Beaume N, Schwartz C, Frasquillo S, Antunes L, Marcon N, Nazarov PV, Vallar L, Even J, Haan S:

Identification of SOCS2 and SOCS6 as biomarkers in human colorectal cancer

Br J Cancer. 2014 Jul 15. doi: 10.1038/bjc.2014.377.

<http://dx.doi.org/10.1038/bjc.2014.377>

Li D, Xu ZP, Liu JM, Pu XY, Luo YX, Zheng XG:

Restriction landmark genomic scanning for screening aberrant CpG methylations in prostate cancer

Nan Fang Yi Ke Da Xue Xue Bao. 2016 Jan 20;36(1):103-8. (Article in Chinese)

<http://www.ncbi.nlm.nih.gov/pubmed/26806748>

Li G, Li M, Liang X, Xiao, Z, Zhang P, Shao M, Peng F, Chen Y, Li Y, Chen Z:

Identifying DCN and HSPD1 as Potential Biomarkers in Colon Cancer Using 2D-LC-MS/MS Combined with iTRAQ Technology

Journal of Cancer, 2017; 8(3): 479-489. doi: 10.7150/jca.17192

<http://jccancer.org/v08p0479.pdf>

Li JN, Zhang WY, Tang Y, Li GD, Dong DD:

In situ follicular lymphoma with progressive transformation of the germinal centers confirmed by laser capture microdissection, IGH gene rearrangement analysis, and fluorescence in situ hybridization for t(14;18)

Hum Pathol. 2011 Jul 4. [Epub ahead of print]

<http://www.sciencedirect.com/science/article/pii/S0046817711001547>

Li M, Li C, Li D, Xie Y, Shi J, Li G, Guan Y, Li M, Zhang P, Peng F, Xiao Z, Chen Z:

Periostin, a stroma-associated protein, correlates with tumor invasiveness and progression in nasopharyngeal carcinoma

Clin Exp Metastasis. 2012 Jun 17. [Epub ahead of print]

<http://dx.doi.org/10.1007/s10585-012-9465-5>

Li R, Du Y, Chen Z, Xu D, Lin T, Jin S, Wang G, Liu Z, Lu M, Chen X, Xu T, Bai F:

Macroscopic somatic clonal expansion in morphologically normal human urothelium

Science. 2020 Oct 2;370(6512):82-89. doi: 10.1126/science.aba7300.

<https://science.sciencemag.org/content/370/6512/82.abstract>

Li S, Park H, Trempus CS, Gordon D, Liu Y, Cotsarelis G, Morris RJ:

A keratin 15 containing stem cell population from the hair follicle contributes to squamous papilloma development in the mouse

Mol Carcinogenesis, 2013, DOI: 10.1002/mc.21896

<http://onlinelibrary.wiley.com/doi/10.1002/mc.21896/abstract>

Li, Y., Wang, J., Zhu, G., Zhang, X., Zhai, H., Zhang, W., Wang, W., and Huang, G.:

Detection of parvovirus B19 nucleic acids and expression of viral VP1/VP2 antigen in human colon carcinoma

Am J Gastroenterol 102(7): 1489-1498 (2007)

<http://www.nature.com/ajg/journal/v102/n7/full/ajg2007292a.html>

Li YQ, Chandran BK, Lim CT, and Chen X:

Rational Design of Materials Interface for Efficient Capture of Circulating Tumor Cells

Advanced Science. 16. Jul 2015, doi: 10.1002/advs.201500118

<http://onlinelibrary.wiley.com/doi/10.1002/advs.201500118/abstract>

Lin CS, Wang LS, Chou TY, Hsu WH, Lin HC, Lee SY, Lee MH, Chang SC, Wei YH :

Cigarette Smoking and hOGG1 Ser326Cys Polymorphism are Associated with 8-OHdG Accumulation on Mitochondrial DNA in Thoracic Esophageal Squamous Cell Carcinoma

Ann Surg Oncol. 2012 Sep 1.

<http://dx.doi.org/10.1245/s10434-012-2576-z>

Lin J, Song X, Liu C:

Pelvic intravascular leiomyomatosis associated with benign pulmonary metastasizing leiomyoma: clinicopathologic, clonality, and copy number variance analysis

Int J Gynecol Pathol. 2014 Mar;33(2):140-5. doi: 10.1097/PGP.0b013e31828def26

<http://www.ncbi.nlm.nih.gov/pubmed/24487468>

Lin XY, Zhang D, Zhang Y, Fan CF, Dai SD, Wang EH:

In pulmonary sclerosing hemangioma expression of β -catenin, Axin, and C-myc differs between the two cell types

Virchows Arch. 2012 May 22

<http://dx.doi.org/10.1007/s00428-012-1247-6>

Ling H, Pickard K, Ivan C, Isella C, Ikuo M, Mitter R, Spizzo R, Bullock MD, Braicu C, Pileczki V, Vincent K, Pichler M, Stiegelbauer V, Hoefler G, Almeida MI, Hsiao A, Zhang X, Primrose JN, Packham GK, Liu K, Bojja K, Gafà R, Xiao L, Rossi S, Song JH, Vannini I, Fanini F, Kopetz S, Zweidler-McKay P, Wang X, Ionescu C, Irimie A, Fabbri M, Lanza G, Hamilton SR, Berindan-Neagoe I, Medico E, Mirnezami AH, Calin GA, Nicoloso MS:

The clinical and biological significance of MIR-224 expression in colorectal cancer metastasis

Gut. 2015 Mar 24. pii: gutjnl-2015-309372. doi: 10.1136/gutjnl-2015-309372.

<http://gut.bmj.com/cgi/pmidlookup?view=long&pmid=25804630>

Liu PF, Cao YW, Jiang HP, Wang YH, Yang XC, Wang XS, Niu HT:

Heterogeneity research in muscle-invasive bladder cancer based on differential protein expression analysis

Med Oncol. 2014 Sep;31(9):21. doi: 10.1007/s12032-014-0021-9.

<http://link.springer.com/article/10.1007/s12032-014-0021-9>

Liu PW, Lin Y, Chen XY :

The expression of B-cell-specific Moloney murine leukemia virus integration site 1 mRNA and protein in gastric cancer

J Dig Dis. 2014 Jan 6. doi: 10.1111/1751-2980.12129.

<http://www.ncbi.nlm.nih.gov/pubmed/24393364>

Liu T, Ma Q, Zhang Y, Wang X, Xu K, Yan K, Dong W, Fan Q, Zhang Y, Qiu X:

Self-seeding circulating tumor cells promote the proliferation and metastasis of human osteosarcoma by upregulating interleukin-8

Cell Death Dis. 2019 Jul 31;10(8):575. doi: 10.1038/s41419-019-1795-7.

<http://dx.doi.org/10.1038/s41419-019-1795-7>

Liu WB, Ao L, Cui ZH, Zhou ZY, Zhou YH, Yuan XY, Xiang YL, Cao J, Liu JY:

Molecular analysis of DNA repair gene methylation and protein expression during chemical-induced rat lung carcinogenesis

Biochem Biophys Res Commun. 2011 Apr 21.

<http://dx.doi.org/10.1016/j.bbrc.2011.04.067>

Liu YF, Chen YH, Li MY, Zhang PF, Peng F, Li GQ, Xiao ZQ, Chen ZC:

Quantitative proteomic analysis identifying three annexins as lymph node metastasis-related proteins in lung adenocarcinoma

Med Oncol. 2010 Dec 4. [Epub ahead of print]

<http://www.springerlink.com/content/1h53134871563152/>

Liu, Y.Y., Leboeuf, C., Shi, J.Y., Li, J.M., Wang, L., Shen, Y., Garcia, J.F., Shen, Z.X., Chen, Z., Janin, A., Chen, S.J., and Zhao, W.L.:

Rituximab plus CHOP (R-CHOP) overcomes PRDM1-associated resistance to chemotherapy in patients with diffuse large B-cell lymphoma

Blood 110(1): 339-344 (2007)

<http://bloodjournal.hematologylibrary.org/content/110/1/339.long>

Lin Y, Jiang X, Shen Y, Li M, Ma H, Xing M, Lu Y:

Frequent mutations and amplifications of the PIK3CA gene in pituitary tumors

Endocr Relat Cancer 16(1):301-10 (2009)

<http://erc.endocrinology-journals.org/cgi/content/abstract/16/1/301>

Liu D, Xu X, Wen J, Xie L, Zhang J, Shen Y, Jiang G, Chen J, Fan M:

Integrated Genome-wide Analysis of Gene Expression and DNA Copy Number Variations Highlights Stem Cell Related Pathways in Small Cell Esophageal Carcinoma

<http://downloads.hindawi.com/journals/sci/aip/3481783.pdf>

Liu WB, Ao L, Zhou ZY, Cui ZH, Zhou YH, Yuan XY, Xiang YL, Cao J, Liu JY:

CpG island hypermethylation of multiple tumor suppressor genes associated with loss of their protein expression during rat lung carcinogenesis induced by 3-methylcholanthrene and diethylnitrosamine

Biochem Biophys Res Commun. 2010 Nov 19;402(3):507-14

<http://dx.doi.org/10.1016/j.bbrc.2010.10.061>

Llosa NJ, Cruise M, Tam A, Wick EC, Hechenbleikner EM, Taube JM, Blosser L, Fan H, Wang H, Luber B, Zhang M, Papadopoulos N, Kinzler KW, Vogelstein B, Sears CL, Anders RA, Pardoll DM, Housseau F: **The vigorous immune microenvironment of microsatellite instable colon cancer is balanced by multiple counter-inhibitory checkpoints**

Cancer Discov. 2014 Oct 30. pii: CD-14-0863.

<http://cancerdiscovery.aacrjournals.org/cgi/pmidlookup?view=long&pmid=25358689>

Locatelli-Sanchez M, Couraud S, Arpin D, Riou R, Bringuier PP, Souquet PJ :

Routine EGFR Molecular Analysis in Non-Small-Cell Lung Cancer Patients is Feasible: Exons 18-21 Sequencing Results of 753 Patients and Subsequent Clinical Outcomes

Lung. 2013 Jun 9.

<http://dx.doi.org/10.1007/s00408-013-9482-4>

Longuespée R, Alberts D, Baiwir D, Mazzucchelli G, Smargiasso N, De Pauw E:

MALDI Imaging Combined with Laser Microdissection-Based Microproteomics for Protein Identification: Application to Intratumor Heterogeneity Studies

Methods Mol Biol. 2017 Dec 10. doi: 10.1007/7651_2017_114.

https://link.springer.com/protocol/10.1007/7651_2017_114

Longuespée R, Baiwir D, Mazzucchelli G, Smargiasso N, De Pauw E:

Laser Microdissection-Based Microproteomics of Formalin-Fixed and Paraffin-Embedded (FFPE) Tissues

Methods Mol Biol. 2018;1723:19-31. doi: 10.1007/978-1-4939-7558-7_2.

https://link.springer.com/protocol/10.1007/978-1-4939-7558-7_2

Longuespée R, Casadonte R, Kriegsmann M, Pottier C, de Muller GP, Delvenne P, Kriegsmann J, De Pauw E:

MALDI mass spectrometry imaging: A cutting-edge tool for fundamental and clinical histopathology

Proteomics Clin Appl. 2016 May 17. doi: 10.1002/prca.201500140.

<http://dx.doi.org/10.1002/prca.201500140>

Lozada JR, Geyer FC, Selenica P, Brown D, Alemar B, Merghoub T, Berger MF, Busam KJ, Halpern AC, Weigelt B, Reis-Filho JS, Hollmann TJ:

Massively Parallel Sequencing Analysis of Benign Melanocytic Nevi

Histopathology. 2019 Feb 21. doi: 10.1111/his.13843.

<https://onlinelibrary.wiley.com/doi/pdf/10.1111/his.13843>

Luo CH, Liu QQ, Zhang PF, Li MY, Chen ZC, Liu YF:

Prognostic significance of annexin II expression in non-small cell lung cancer

Clin Transl Oncol. 2013 Mar 26.

<http://link.springer.com/article/10.1007/s12094-013-1028-y>

Luo Z, Zhang L, Li Z, Li X, Li G, Yu H, Jiang C, Dai Y, Guo X, Xiang J, Li G

An in silico analysis of dynamic changes in microRNA expression profiles in stepwise development of nasopharyngeal carcinoma

BMC Med Genomics. 2012 Jan 19;5(1):3.

<http://www.biomedcentral.com/1755-8794/5/3>

Ma L, Tian X, Guo H, Zhang Z, Du C, Wang F, Xie X, Gao H, Zhuang Y, Kornmann M, Gao H, Yang Y:
Long noncoding RNA H19 derived miR-675 regulates cell proliferation by down-regulating E2F-1 in human pancreatic ductal adenocarcinoma

Journal of Cancer, 2018; 9(2): 389-399. doi: 10.7150/jca.21347

<http://www.jcancer.org/v09p0389.pdf>

Ma L, Tian X, Wang F, Zhang Z, Du C, Xie X, Kornmann M, Yang Y:

The long noncoding RNA H19 promotes cell proliferation via E2F-1 in pancreatic ductal adenocarcinoma

Cancer Biol Ther. 2016 Aug 29:1-11.

<http://www.tandfonline.com/doi/full/10.1080/15384047.2016.1219814>

Maeda S1, Morikawa T, Takadate T, Suzuki T, Minowa T, Hanagata N, Onogawa T, Motoi F, Nishimura T, Unno M:

Mass spectrometry-based proteomic analysis of formalin-fixed paraffin-embedded extrahepatic cholangiocarcinoma

J Hepatobiliary Pancreat Sci. 2015 Apr 27. doi: 10.1002/jhbp.262.

<http://dx.doi.org/10.1002/jhbp.262>

Makita K, Kitazawa R, Semba S, Fujiishi K, Nakagawa M, Haraguchi R, Kitazawa S:

Cdx2 expression and its promoter methylation during metaplasia-dysplasia-carcinoma sequence in Barrett's esophagus

World J Gastroenterol. 2013 Jan 28;19(4):536-41. doi: 10.3748/wjg.v19.i4.536.

<http://www.wjgnet.com/1007-9327/full/v19/i4/536.htm>

Makohon-Moore AP, Matsukuma K, Zhang M, Reiter JG, Gerold JM, Jiao Y, Sikkema L, Attiyeh MA, Yachida S, Sandone C, Hruban RH, Klimstra DS, Papadopoulos N, Nowak MA, Kinzler KW, Vogelstein B, Iacobuzio-Donahue CA:

Precancerous neoplastic cells can move through the pancreatic ductal system

Nature. 2018 Sep;561(7722):201-205. doi: 10.1038/s41586-018-0481-8

<http://dx.doi.org/10.1038/s41586-018-0481-8>

Martins-Filho SN, Alves VAF, Wakamatsu A, Maeda M, Craig AJ, Assato AK, Villacorta-Martin C, D'Avola D, Labgaa I, Carrilho FJ, Thung SN, Villanueva A:

A phenotypic map of disseminated hepatocellular carcinoma suggests clonal constraints in metastatic sites

Histopathology. 2019 Jan 12. doi: 10.1111/his.13809.

<https://onlinelibrary.wiley.com/doi/abs/10.1111/his.13809>

Massihnia D, Avan A, Funel N, Maftouh M, van Krieken A, Granchi C, Raktoc R, Boggi U, Aicher B, Minutolo F, Russo A, Leon LG, Peters GJ, Giovannetti E:

Phospho-Akt overexpression is prognostic and can be used to tailor the synergistic interaction of Akt inhibitors with gemcitabine in pancreatic cancer

J Hematol Oncol. 2017 Jan 6;10(1):9. doi: 10.1186/s13045-016-0371-1

<https://jhoonline.biomedcentral.com/articles/10.1186/s13045-016-0371-1>

Masuda K, Urabe Y, Ito M, Ono A, Clair Nelson H, Nakamura K, Kotachi T, Boda T, Tanaka S, Chayama K

Genomic landscape of epithelium with low-grade atypia on gastric cancer after Helicobacter pylori eradication therapy

J Gastroenterol. 2019 Jun 13. doi: 10.1007/s00535-019-01596-4.

<https://link.springer.com/article/10.1007/s00535-019-01596-4>

Masuike Y, Tanaka K, Makino T, Yamasaki M, Miyazaki Y, Takahashi T, Kurokawa Y, Nakajima K, Mori M, Doki Y:

Esophageal squamous cell carcinoma with low mitochondrial copy number has mesenchymal and stem-like characteristics, and contributes to poor prognosis

PLoS One. 2018 Feb 15;13(2):e0193159. doi: 10.1371/journal.pone.0193159. eCollection 2018.

<http://dx.plos.org/10.1371/journal.pone.0193159>

Mateo F, Meca-Cortés O, Celià-Terrassa T, Fernández Y, Abasolo I, Sánchez-Cid L, Bermudo R, Sagasta A, Rodríguez-Carunchio L, Pons M, Cánovas V, Marín-Aguilera M, Mengual L, Alcaraz A, Schwartz S Jr, Mellado B, Aguilera KY, Brekken R, Fernández PL, Paciucci R, Thomson TM :

SPARC mediates metastatic cooperation between CSC and non-CSC prostate cancer cell subpopulations

Mol Cancer. 2014 Oct 21;13(1):237. doi: 10.1186/1476-4598-13-237.

<http://www.molecular-cancer.com/content/13/1/237>

Matsuda A, Higashi M, Nakagawa T, Yokoyama S, Kuno A, Yonezawa S, Narimatsu H:

Assessment of tumor characteristics based on glycoform analysis of membrane-tethered MUC1

Lab Invest. 2017 Jun 5. doi: 10.1038/labinvest.2017.53.

<https://www.nature.com/labinvest/journal/vaop/ncurrent/full/labinvest201753a.html>

Matsui S, Kagara N, Mishima C, Naoi Y, Shimoda M, Shimomura A, Shimazu K, Kim SJ, Noguchi S:

Methylation of the SEPT9_v2 promoter as a novel marker for the detection of circulating tumor DNA in breast cancer patients

Oncol Rep. 2016 Aug 4. doi: 10.3892/or.2016.5004.

<http://www.spandidos-publications.com/10.3892/or.2016.5004>

Matsunoki A, Kawakami K, Kotake M, Kaneko M, Kitamura H, Ooi A, Watanabe G, Minamoto T:

LINE-1 methylation shows little intra-patient heterogeneity in primary and synchronous metastatic colorectal cancer

BMC Cancer. 2012 Dec 5;12(1):574.

<http://www.biomedcentral.com/content/pdf/1471-2407-12-574.pdf>

Mattu S, Fornari F, Quagliata L, Perra A, Angioni MM, Petrelli A, Menegon S, Morandi A, Chiarugi P, Ledda-Columbano GM, Gramantieri L, Terracciano L, Giordano S, Columbano A:

The metabolic gene HAO2 is down regulated in mouse, rat and human hepatocellular carcinoma and correlates with metastasis and poor survival

Journal of Hepatology, 2015/12/14

<http://dx.doi.org/10.1016/j.jhep.2015.11.029>

Mazzanti CM, Hamad MA, Fanelli G, Scatena C, Zammarchi F, Zavaglia K, Lessi F, Pistello M, Naccarato AG, Bevilacqua G:

A Murine Mammary Tumor Virus env-Like Exogenous Sequence Is Strictly Related to Progression of Human Sporadic Breast Carcinoma

Am J Pathol. 2011 Aug 17; doi:10.1016/j.ajpath.2011.06.046

<http://www.sciencedirect.com/science/article/pii/S0002944011006961>

Mena S, Rodriguez ML, Ortega A, Priego S, Obrador E, Asensi M, Petschen I, Cerda M, Brown BD, Estrela JM:

Glutathione and Bcl-2 targeting facilitates elimination by chemoradiotherapy of human A375 melanoma xenografts overexpressing bcl-xl, bcl-2, and mcl-1

J Transl Med. 2012 Jan 10;10(1):8.

<http://www.translational-medicine.com/content/pdf/1479-5876-10-8.pdf>

Metzendorf C, Wineberger K, Rausch J, Cigiliano A, Calvisi DF, Peters, Sun B, Mennerich D, Kietzmann T, Dombrowski F, Ribback S:

Transcriptomic and Proteomic analysis of clear cell foci (CCF) in the human non-cirrhotic liver identifies several differentially expressed genes and proteins with functions in cancer cell biology and glycogen metabolism

bioRxiv, 10 Feb 2020, 10 Feb 2020

<https://www.biorxiv.org/content/10.1101/2020.02.10.941211v1.full>

Metwaly H, Maruyama S, Yamazaki M, Tsuneki M, Abé T, Jen KY, Cheng J, Saku T

Parenchymal-stromal switching for extracellular matrix production on invasion of oral squamous cell carcinoma

Hum Pathol. 2012 May 9.

[http://linkinghub.elsevier.com/retrieve/pii/S0046-8177\(12\)00063-9](http://linkinghub.elsevier.com/retrieve/pii/S0046-8177(12)00063-9)

Miguchi M, Hinoi T, Shimomura M, Adachi T, Saito Y, Niitsu H, Kochi M, Sada H, Sotomaru Y, Ikenoue T, Shigeyasu K, Tanakaya K, Kitadai Y, Sentani K, Oue N, Yasui W, Ohdan H:

Gasdermin C Is Upregulated by Inactivation of Transforming Growth Factor β Receptor Type II in the Presence of Mutated Apc, Promoting Colorectal Cancer Proliferation

PLoS One. 2016 Nov 11;11(11):e0166422. doi: 10.1371/journal.pone.0166422. eCollection 2016.

<http://dx.plos.org/10.1371/journal.pone.0166422>

Mihelich BL, Khramtsova EA, Arva N, Vaishnav A, Johnson DN, Giangreco AA, Martens-Uzunova E, Bagasra O, Kajdacsy-Balla A, Nonn L:

The miR-183-96-182 cluster is overexpressed in prostate tissue and regulates zinc homeostasis in prostate cells

J Biol Chem. 2011 Nov 1. [Epub ahead of print]

<http://www.jbc.org/content/early/2011/11/01/jbc.M111.262915.full.pdf+html>

Mikamori M, Yamada D, Eguchi H, Hasegawa S, Kishimoto T, Tomimaru Y, Asaoka T, Noda T, Wada H, Kawamoto K, Gotoh K, Takeda Y, Tanemura M, Mori M, Doki Y:

MicroRNA-155 Controls Exosome Synthesis and Promotes Gemcitabine Resistance in Pancreatic Ductal Adenocarcinoma

Sci Rep. 2017 Feb 15;7:42339. doi: 10.1038/srep42339.

<http://dx.doi.org/10.1038/srep42339>

Mimori, K., Kataoka, A., Yoshinaga, K., Ohta, M., Sagara, Y., Yoshikawa, Y., Ohno, S., Barnard, G.F., and Mori, M.:

Identification of molecular markers for metastasis-related genes in primary breast cancer cells

Clin Exp Metastasis 22(1): 59-67 (2005)

<http://www.springerlink.com/content/ju17kr07r6101603/>

Mirkovic J, Howitt BE, Roncarati P, Demoulin S, Suarez-Carmona M, Hubert P, McKeon FD, Xian W, Lee A, Delvenne P, Crum CP, Herfs M:

Carcinogenic HPV infection in the cervical squamo-columnar junction

J Pathol. 2015 Mar 18. doi: 10.1002/path.4533.

<http://dx.doi.org/10.1002/path.4533>

Mishima C, Kagara N, Tanei T, Naoi Y, Shimoda M, Shimomura A, Shimazu K, Kim SJ, Noguchi S:

Mutational analysis of MED12 in fibroadenomas and phyllodes tumors of the breast by means of targeted next-generation sequencing

Breast Cancer Res Treat. 2015 Jun 21.

<http://dx.doi.org/10.1007/s10549-015-3469-1>

Mittal P, Klingler-Hoffmann M, Arentz G, Winderbaum L, Kaur G, Anderson L, Scurry J, Leung Y, Stewart CJ, Carter J, Hoffmann P, Oehler MK:

Annexin A2 and alpha actinin 4 expression correlates with metastatic potential of primary endometrial cancer

Biochim Biophys Acta. 2016 Oct 23. pii: S1570-9639(16)30221-7. doi: 10.1016/j.bbapap.2016.10.010.

[http://linkinghub.elsevier.com/retrieve/pii/S1570-9639\(16\)30221-7](http://linkinghub.elsevier.com/retrieve/pii/S1570-9639(16)30221-7)

Miyaguchi K, Fukuoka Y, Mizushima H, Yasen M, Nemoto S, Ishikawa T, Uetake H, Tanaka S, Sugihara K, Arii S, Tanaka H:

Genome-wide integrative analysis revealed a correlation between lengths of copy number segments and corresponding gene expression profile

Bioinformatics. 2011;7(6):280-4. Epub 2011 Nov 20.

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3280495/pdf/97320630007280.pdf>

Miyagaki H, Yamasaki M, Miyata H, Takahashi T, Kurokawa Y, Nakajima K, Takiguchi S, Fujiwara Y, Ishii H, Tanaka F, Mori M, Doki Y:

Overexpression of PFTK1 predicts resistance to chemotherapy in patients with oesophageal squamous cell carcinoma

Br J Cancer. 2012 Feb 14. doi: 10.1038/bjc.2012.35

<http://www.nature.com/bjc/journal/vaop/ncurrent/full/bjc201235a.html>

Miyagaki H, Yamasaki M, Takahashi T, Kurokawa Y, Miyata H, Nakajima K, Takiguchi S, Fujiwara Y, Mori M, Doki Y:

DOK2 as a Marker of Poor Prognosis of Patients with Gastric Adenocarcinoma After Curative Resection

Ann Surg Oncol. 2011 Dec 1. [Epub ahead of print]

<http://www.springerlink.com/content/d337x47663351170/>

Miyai K, Yamamoto S, Aida S, Shimazaki H, Takano M, Kudoh K, Furuya K, Tamai S, Matsubara O:
Massive intra-abdominal undifferentiated carcinoma derived from an endometrioid adenocarcinoma in a "normal-sized" ovary

Int J Gynecol Pathol. 2010 Jul;29(4):321-7.

http://journals.lww.com/intjgynpathology/Abstract/2010/07000/Massive_Intra_abdominal_Undifferentiated_Carcinoma.4.aspx

Mohri D, Asaoka Y, Ijichi H, Miyabayashi K, Kudo Y, Seto M, Ohta M, Tada M, Tanaka Y, Ikenoue T, Tateishi K, Isayama H, Kanai F, Fukushima N, Tada M, Kawabe T, Omata M, Koike K:

Different subtypes of intraductal papillary mucinous neoplasm in the pancreas have distinct pathways to pancreatic cancer progression

J Gastroenterol. 2011 Nov 1. [Epub ahead of print]

<http://www.springerlink.com/content/w85p1l73382j550h/>

Molijn A, Jenkins D, Chen W, Zhang X, Pirog E, Enqi W, Liu B, Schmidt J, Cui J, Qiao Y, Quint W:
The complex relationship between human papillomavirus and cervical adenocarcinoma
Int J Cancer. 2015 Aug 8. doi: 10.1002/ijc.29722.
<http://dx.doi.org/10.1002/ijc.29722>

Mori, M., Mimori, K., Yoshikawa, Y., Shibuta, K., Utsunomiya, T., Sadanaga, N., Tanaka, F., Matsuyama, A., Inoue, H., and Sugimachi, K.:
Analysis of the gene-expression profile regarding the progression of human gastric carcinoma
Surgery 131(1 Suppl): S39-47 (2002)
<http://www.surgjournal.com/article/S0039-6060%2802%2970084-6/abstract>

Mozos A, Catasús L, D'Angelo E, Serrano E, Espinosa I, Ferrer I, Ponsa C, Prat J:
The FOXO1-miR27 Tandem Regulates Myometrial Invasion in Endometrioid Endometrial Adenocarcinoma
Human Pathology, 2014 Jan 8
<http://www.sciencedirect.com/science/article/pii/S0046817714000069>

Mucaj V, Lee SS, Skuli N, Giannoukos DN, Qiu B, Eisinger-Mathason TS, Nakazawa MS, Shay JE, Gopal PP, Venneti S, Lal P, Minn AJ, Simon MC, Mathew LK:
MicroRNA-124 expression counteracts pro-survival stress responses in glioblastoma
Oncogene. 2014 Jun 23. doi: 10.1038/onc.2014.168.
<http://dx.doi.org/10.1038/onc.2014.168>

Mueller, A., O'Rourke, J., Grimm, J., Guillemin, K., Dixon, M.F., Lee, A., and Falkow, S.:
Distinct gene expression profiles characterize the histopathological stages of disease in Helicobacter-induced mucosa-associated lymphoid tissue lymphoma
Proc Natl Acad Sci U S A 100(3): 1292-1297 (2003)
<http://www.pnas.org/content/100/3/1292.long>

Müller JN, Falk M, Talwar J, Neemann N, Mariotti E, Bertrand M, Zacherle T, Lakis S, Menon R, Gloeckner C, Tiemann M, Heukamp LC, Thomas RK, Griesinger F, Heuckmann JM:
Concordance between comprehensive cancer genome profiling in plasma and tumor specimens
J Thorac Oncol. 2017 Jul 24. pii: S1556-0864(17)30611-1. doi: 10.1016/j.jtho.2017.07.014.
<http://www.sciencedirect.com/science/article/pii/S1556086417306111#!>

Mukherjee S, Rodriguez-Canales J, Hanson J, Emmert-Buck MR, Tangrea MA, Prieto DA, Blonder J, Johann DJ Jr:
Proteomic analysis of frozen tissue samples using laser capture microdissection
Methods Mol Biol. 2013;1002:71-83. doi: 10.1007/978-1-62703-360-2_6
http://dx.doi.org/10.1007/978-1-62703-360-2_6

Muller, A., Giuffre, G., Edmonston, T.B., Mathiak, M., Roggendorf, B., Heinmoller, E., Brodegger, T., Tuccari, G., Mangold, E., Buettner, R., and Ruschoff, J.:
Challenges and pitfalls in HNPCC screening by microsatellite analysis and immunohistochemistry
J Mol Diagn 6(4): 308-315 (2004)
<http://www.journals.elsevierhealth.com/periodicals/jmdi/article/S1525-1578%2810%2960526-0/abstract>

Nagahama J, Daa T, Yada N, Kashima K, Fujiwara S, Saikawa T, Yokoyama S:
Tyrosine kinase receptor RON and its ligand MSP in Merkel cell carcinoma
Pathol Res Pract. 2011 Jun 29. [Epub ahead of print]
<http://www.sciencedirect.com/science/article/pii/S0344033811001208>

Nagahara, H., Mimori, K., Ohta, M., Utsunomiya, T., Inoue, H., Barnard, G.F., Ohira, M., Hirakawa, K., and Mori, M.:
Somatic mutations of epidermal growth factor receptor in colorectal carcinoma

Clin Cancer Res 11(4): 1368-1371 (2005)

<http://clincancerres.aacrjournals.org/content/11/4/1368.long>

Nagai K, Nakahata S, Shimosaki S, Tamura T, Kondo Y, Baba T, Taki T, Taniwaki M, Kurosawa G, Sudo Y, Okada S, Sakoda S, Morishita K:

Development of a complete human anti-human transferrin receptor C antibody as a novel marker of oral dysplasia and oral cancer

Cancer Med. 2014 Jun 2. doi: 10.1002/cam4.267.

<http://onlinelibrary.wiley.com/doi/10.1002/cam4.267/pdf>

Nakamura H, Fujii K, Gupta V, Hata H, Koizumu H, Hoshikawa M, Naruki S, Miyata Y, Takahashi I, Miyazawa T, Sakai H, Tsumoto K, Takagi M, Saji H, Nishimura T:

Identification of key modules and hub genes for small-cell lung carcinoma and large-cell neuroendocrine lung carcinoma by weighted gene co-expression network analysis of clinical tissue-proteomes

PLoS One. 2019 Jun 5;14(6):e0217105. doi: 10.1371/journal.pone.0217105. eCollection 2019.

<http://dx.plos.org/10.1371/journal.pone.0217105>

Nakamura K, Nakayama K, Ishibashi T, Ishikawa N, Ishikawa M, Katagiri H, Minamoto T, Sato E, Sanuki K, Yamashita H, Iida K, Sultana R, Kyo S:

KRAS/BRAF Analysis in Ovarian Low-Grade Serous Carcinoma Having Synchronous All Pathological Precursor Regions

Int J Mol Sci. 2016 Apr 26;17(5). pii: E625. doi: 10.3390/ijms17050625.

<http://www.mdpi.com/resolver?pii=ijms17050625>

Nakayama M, Pyo Hong C, Oshima H, Sakai E, Kim S-J, Oshima M:

Loss of wild-type p53 promotes mutant p53-driven metastasis through acquisition of survival and tumor-initiating properties

Nat Commun. 2020 May 11;11(1):2333. doi: 10.1038/s41467-020-16245-1.

<https://www.nature.com/articles/s41467-020-16245-1>

Nakayama M, Sakai E, Echizen K, Yamada Y, Oshima H, Han TS, Ohki R, Fujii S, Ochiai A, Robine S, Voon DC, Tanaka T, Taketo MM, Oshima M:

Intestinal cancer progression by mutant p53 through the acquisition of invasiveness associated with complex glandular formation.

Oncogene. 2017 Jun 19. doi: 10.1038/onc.2017.194.

<https://www.nature.com/onc/journal/vaop/ncurrent/full/onc2017194a.html>

Nakayama T, Ling ZQ, Mukaisho K, Hattori T, Sugihara H:

Lineage analysis of early and advanced tubular adenocarcinomas of the stomach: continuous or discontinuous?

BMC Cancer. 2010 Jun 21;10:311

<http://www.biomedcentral.com/1471-2407/10/311/>

Nakazato, K., Mogushi, K., Kayamori, K., Tsuchiya, M., Takahashi, K., Sumino, J., Michi, Y., Yoda, T., Uzawa, N:

Glucose metabolism changes during the development and progression of oral tongue squamous cell carcinomas

Oncology Letters (2019): <https://doi.org/10.3892/ol.2019.10420>

<https://www.spandidos-publications.com/10.3892/ol.2019.10420>

Narikiyo M, Yano M, Kamada K, Katoh T, Ito K, Shuto M, Kayano H, Yasuda M

Molecular association of functioning stroma with carcinoma cells in the ovary: A preliminary study

Oncol Lett. 2019 Mar;17(3):3562-3568. doi: 10.3892/ol.2019.9992.

<https://www.spandidos-publications.com/10.3892/ol.2019.9992>

Negishi, A., Masuda, M., Ono, M., Honda, K., Shitashige, M., Satow, R., Sakuma, T., Kuwabara, H., Nakanishi, Y., Kanai, Y., Omura, K., Hirohashi, S., Yamada, T.

Quantitative proteomics using formalin-fixed paraffin-embedded tissues of oral squamous cell carcinoma

Cancer Sci 100(9):1605-1611 (2009)

<http://onlinelibrary.wiley.com/doi/10.1111/j.1349-7006.2009.01227.x/full>

Neidler S, Kruspi B, Hewit K, Monteverde T, Gyuraszova K, Braun A, Clark W, James D, Hedley A, Nieswandt B, Shanks E, Dick C, Murphy DJ:

Identification of a Clinically Relevant Signature for Early Progression in KRAS-Driven Lung Adenocarcinoma

Molecular Profiling in Lung Cancer, 2019, 2019030286 (doi: 10.20944/preprints201903.0286.v1)

<https://www.preprints.org/manuscript/201903.0286/v1>

Nezu Y, Hagiwara K, Yamamoto Y, Fujiwara T, Matsuo K, Yoshida A, Kawai A, Saito T, Ochiya T:
miR-135b, a key regulator of malignancy, is linked to poor prognosis in human myxoid liposarcoma

Oncogene. 2016 May 9. doi: 10.1038/onc.2016.157.

<http://dx.doi.org/10.1038/onc.2016.157>

Nguyen TT, Hachisuga T, Urabe R, Kurita T, Kagami S, Kawagoe T, Shimajiri S, Nabeshima K:

Significance of p53 expression in background endometrium in endometrial carcinoma

Virchows Arch. 2015 Mar 19.

<http://dx.doi.org/10.1007/s00428-015-1752-5>

Nishida, K., Mine, S., Utsunomiya, T., Inoue, H., Okamoto, M., Udagawa, H., Hanai, T., and Mori, M.:

Global analysis of altered gene expressions during the process of esophageal squamous cell carcinogenesis in the rat: a study combined with a laser microdissection and a cDNA microarray

Cancer Res 65(2): 401-409 (2005)

<http://cancerres.aacrjournals.org/content/65/2/401.long>

Nishida N, Nagahara M, Sato T, Mimori K, Sudo T, Tanaka F, Shibata K, Ishii H, Sugihara K, Doki Y, Mori M:

Microarray analysis of colorectal cancer stromal tissue reveals upregulation of two oncogenic microRNA clusters.

Clin Cancer Res. 2012 Mar 27. [Epub ahead of print]

<http://clincancerres.aacrjournals.org/content/early/2012/03/26/1078-0432.CCR-11-1078.abstract>

Nishimura M, Hayashi M, Mizutani Y, Takenaka K, Imamura Y, Chayahara N, Toyoda M, Kiyota N, Mukohara T, Aikawa H, Fujiwara Y, Hamada A, Minami H:

Distribution of erlotinib in rash and normal skin in cancer patients receiving erlotinib visualized by matrix assisted laser desorption/ionization mass spectrometry imaging

Oncotarget. 2018 Apr 6;9(26):18540-18547. doi: 10.18632/oncotarget.24928. eCollection 2018 Apr 6.

<http://www.impactjournals.com/oncotarget/misc/linkedout.php?pii=24928>

Nishimura T, Kato H, Ikeda N, Kihara M, Nomura M, Kato Y and Marko-Varga G:

Cancer Phenotype Diagnosis and Drug Efficacy within Japanese Health Care

International Journal of Proteomics, Volume 2012 (2012), Article ID 921901

<http://www.hindawi.com/journals/ijpro/2012/921901/>

Nishimura T, Nakamura H, Tan KT, Zhuo DW, Fujii K, Koizumi H, Naruki S, Takagi M, Furuya N, Kato Y, Chen SJ, Kato H, Saji H:

A proteogenomic profile of early lung adenocarcinomas by protein co-expression network and genomic alteration analysis

Sci Rep. 2020 Aug 12;10(1):13604. doi: 10.1038/s41598-020-70578-x.
<https://www.nature.com/articles/s41598-020-70578-x.pdf>

Nishimura T, Nakamura H, Yachie A, Hase T, Fujii K, Koizumi H, Naruki S, Takagi M, Matsuoka Y, Furuya N, Kato H, Saji H:

Disease-related cellular protein networks differentially affected under different EGFR mutations in lung adenocarcinoma

Sci Rep. 2020 Jul 2;10(1):10881. doi: 10.1038/s41598-020-67894-7.
<https://www.nature.com/articles/s41598-020-67894-7.pdf>

Noberini R, Longuespée R, Richichi C, Pruneri G, Kriegsmann M, Pelicci G, Bonaldi T
PAT-H-MS coupled with laser microdissection to study histone post-translational modifications in selected cell populations from pathology samples

Clin Epigenetics. 2017 Jul 11;9:69. doi: 10.1186/s13148-017-0369-8. eCollection 2017.
<https://clinicalepigeneticsjournal.biomedcentral.com/articles/10.1186/s13148-017-0369-8>

Nomura M, Fukuda T, Fujii K, Kawamura T, Tojo H, Kihara M, Bando Y, Gazdar AF, Tsuboi M, Oshiro H, Nagao T, Ohira T, Ikeda N, Gotoh N, Kato H, Marko-Varga G, Nishimura T

Preferential expression of potential markers for cancer stem cells in large cell neuroendocrine carcinoma of the lung. An FFPE proteomic study

J Clin Bioinforma. 2011 Sep 3;1(1):23.
<http://www.jclinbioinformatics.com/content/1/1/23/abstract>

Nonn L, Vaishnav A, Gallagher L, Gann PH:

mRNA and micro-RNA expression analysis in laser-capture microdissected prostate biopsies: valuable tool for risk assessment and prevention trials

Exp Mol Pathol. 2010 Feb;88(1):45-51
<http://www.ncbi.nlm.nih.gov/pmc/articles/pmid/19874819/?tool=pubmed>

Notta F, Chan-Seng-Yue M, Lemire M, Li Y, Wilson GW, Connor AA, Denroche RE, Liang SB, Brown AM, Kim JC, Wang T, Simpson JT, Beck T, Borgida A, Buchner N, Chadwick D, Hafezi-Bakhtiari S, Dick JE, Heisler L, Hollingsworth MA, Ibrahimov E, Jang GH, Johns J, Jorgensen LG, Law C, Ludkovski O, Lungu I, Ng K, Pasternack D, Petersen GM, Shlush LI, Timms L, Tsao MS, Wilson JM, Yung CK, Zogopoulos G, Bartlett JM, Alexandrov LB, Real FX, Cleary SP, Roehrl MH, McPherson JD, Stein LD, Hudson TJ, Campbell PJ, Gallinger S:

A renewed model of pancreatic cancer evolution based on genomic rearrangement patterns

Nature. 2016 Oct 12. doi: 10.1038/nature19823.
<http://dx.doi.org/10.1038/nature19823>

Oberhuber M, Pecoraro M, Ruzs M, Oberhuber G, Wieselberg M, Haslinger P, Gurnhofer E, Schleder M, Limberger T, Lagger S, Pencik J, Kodajova P, Högler S, Stockmaier G, Grund-Gröschke S, Aberger F, Bolis M, Theurillat JP, Wiebringhaus R, Weiss T, Haitel A, Brehme M, Wadsak W, Griss J, Mohr T, Hofer A, Jäger A, Pollheimer J, Egger G, Koellensperger G, Mann M, Hantusch B, Kenner L:

STAT3-dependent analysis reveals PDK4 as independent predictor of recurrence in prostate cancer

Mol Syst Biol. 2020 Apr;16(4):e9247. doi: 10.15252/msb.20199247.
<https://www.embopress.org/doi/epdf/10.15252/msb.20199247>

Oyama Y, Nishida H, Kusaba T, Kadowaki H, Arakane M, Wada J, Urabe S, Hirano T, Kawano K, Suzuki M, Yokoyama S, Daa T:

Difference in transducin-like enhancer of split 1 protein expression between basal cell adenomas and basal cell adenocarcinomas - an immunohistochemical study

Diagn Pathol. 2018 Jul 27;13(1):48. doi: 10.1186/s13000-018-0726-8.
<https://diagnosticpathology.biomedcentral.com/articles/10.1186/s13000-018-0726-8>

Obrador E, Benlloch M, Pellicer JA, Asensi M, Estrela JM:

Intertissue Flow of Glutathione (GSH) as a Tumor Growth-promoting Mechanism: INTERLEUKIN 6 INDUCES GSH RELEASE FROM HEPATOCYTES IN METASTATIC B16 MELANOMA-BEARING MICE

J Biol Chem. 2011 May 6;286(18):15716-27

<http://www.jbc.org/content/286/18/15716.short>

O'Brien, P.M., Millan, D.W., Davis, J.A., and Campo, M.S.:

In situ isolation of immunoglobulin sequences expressed by single tumor-infiltrating B cells using laser-assisted microdissection

Mol Biotechnol 29(2): 101-109 (2005)

<http://www.springerlink.com/content/p114h31ru1441kw2/>

Okuyama H, Endo H, Akashika T, Kato K, Inoue M:

Downregulation of c-MYC protein levels contributes to cancer cell survival under dual deficiency of oxygen and glucose

Cancer Res 70(24):10213-23 (2010)

<http://cancerres.aacrjournals.org/content/70/24/10213.short>

Ooki A, Yamashita K, Kikuchi S, Sakuramoto S, Katada N, Watanabe M:

Phosphatase of regenerating liver-3 as a convergent therapeutic target for lymph node metastasis in esophageal squamous cell carcinoma

Int J Cancer. 2010 Aug 1;127(3):543-54.

<http://onlinelibrary.wiley.com/doi/10.1002/ijc.25082/full>

Oparka R, Cassidy A, Reilly S, Stenhouse A, McCluggage WG, Herrington CS:

The C134W (402 C>G) FOXL2 mutation is absent in ovarian gynandroblastoma: insights into the genesis of an unusual tumour

Histopathology. 2012 Feb 1. doi: 10.1111/j.1365-2559.2011.04148.x.

<http://dx.doi.org/10.1111/j.1365-2559.2011.04148.x>

Orrù C, Perra A, Kowalik MA, Rizzolio S, Puliga E, Cabras L, Giordano S, Columbano A:

Distinct Mechanisms Are Responsible for Nrf2-Keap1 Pathway Activation at Different Stages of Rat Hepatocarcinogenesis

Cancers (Basel). 2020 Aug 16;12(8):E2305. doi: 10.3390/cancers12082305.

<https://www.mdpi.com/2072-6694/12/8/2305/htm>

Oshima H, Hioki K, Popivanova BK, Oguma K, Van Rooijen N, Ishikawa TO, Oshima M:

Prostaglandin E₂ signaling and bacterial infection recruit tumor-promoting macrophages to mouse gastric tumors

Gastroenterology. 2011 Feb;140(2):596-607.e7

<http://dSPACE.lib.kanazawa-u.ac.jp/dSPACE/handle/2297/26532>

Oshima H, Ishikawa T, Yoshida GJ, Naoi K, Maeda Y, Naka K, Ju X, Yamada Y, Minamoto T, Mukaida N, Saya H, Oshima M:

TNF- α /TNFR1 signaling promotes gastric tumorigenesis through induction of Nox1 and Gna14 in tumor cells

Oncogene. 2013 Aug 26. doi: 10.1038/onc.2013.356.

<http://www.nature.com/ncjournal/vaop/ncurrent/full/nc2013356a.html>

Otsubo T, Okamura T, Hagiwara T, Ishizaka Y, Dohi T, Kawamura YI:

Retrotransposition of long interspersed nucleotide element-1 is associated with colitis but not tumors in a murine colitic cancer model

PLoS One. 2015 Feb 24;10(2):e0116072. doi: 10.1371/journal.pone.0116072. eCollection 2015.

<http://dx.plos.org/10.1371/journal.pone.0116072>

Oyama H, Tada M, Takagi K, Tateishi K, Hamada T, Nakai Y, Hakuta R, Ijichi H, Ishigaki K, Kanai S, Kogure H, Mizuno S, Saito K, Saito T, Sato T, Suzuki T, Takahara N, Morishita Y, Arita J, Hasegawa K, Tanaka M, Fukayama M, Koike K:

Long-term Risk of Malignancy in Branch Duct Intraductal Papillary Mucinous Neoplasms

Gastroenterology. 2019 Aug 29. pii: S0016-5085(19)41257-2. doi: 10.1053/j.gastro.2019.08.032.

<https://www.sciencedirect.com/science/article/abs/pii/S0016508519412572#!>

Ozawa H, Iwatsuki M, Mimori K, Sato T, Johansson F, Toh H, Watanabe M, Mori M:

FANCD2 mRNA overexpression is a bona fide indicator of lymph node metastasis in human colorectal cancer

Ann Surg Oncol. 2010 Sep;17(9):2341-8. Epub 2010 Mar 26.

<http://www.springerlink.com/content/45444108t4327750/>

Pace E, Ferraro M, Minervini MI, Vitulo P, Pipitone L, Chiappara G, Siena L, Montalbano AM, Johnson M, Gjomarkaj M:

Beta Defensin-2 Is Reduced in Central but Not in Distal Airways of Smoker COPD Patients

PLoS ONE 7(3): e33601. doi:10.1371/journal.pone.0033601

<http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0033601>

Pan S, Brentnall TA, Kelly K, Chen R:

Tissue proteomics in pancreatic cancer study: discovery, emerging technologies and challenges

Proteomics. 2012 Nov 2. doi: 10.1002/pmic.201200319.

<http://dx.doi.org/10.1002/pmic.201200319>

Pascal LE, Ai J, Masoodi KZ, Wang Y, Wang D, Eisermann K, Rigatti LH, O'Malley KJ, Ma HM, Wang X, Dar JA, Parwani AV, Simons BW, Ittman MM, Li L, Davies BJ, Wang Z:

Development of a Reactive Stroma Associated with Prostatic Intraepithelial Neoplasia in EAF2 Deficient Mice

PLoS One. 2013 Nov 18;8(11):e79542.

<http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0079542>

Pascal LE, Su F, Wang D, Ai J, Song Q, Wang Y, O'Malley KJ, Cross B, Rigatti LH, Green A, Dhir R, Wang Z:

Conditional Deletion of Eaf1 Induces Murine Prostatic Intraepithelial Neoplasia in Mice

Neoplasia. 2019 Aug;21(8):752-764. doi: 10.1016/j.neo.2019.05.005.#

[https://linkinghub.elsevier.com/retrieve/pii/S1476-5586\(19\)30140-X](https://linkinghub.elsevier.com/retrieve/pii/S1476-5586(19)30140-X)

Pastò A, Marchesi M, Diamantini A, Frasson C, Curtarello M, Lago C, Pilotto G, Parenti AR, Esposito G, Agostini M, Nitti D, Amadori A:

PKH26 Staining Defines Distinct Subsets of Normal Human Colon Epithelial Cells at Different Maturation Stages

PLoS ONE 7(8): e43379. doi:10.1371/journal.pone.0043379

<http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0043379>

Patnaik KS, Kannisto E, Mallick R, and Yendamuri S:

Overexpression of the Lung Cancer-Prognostic miR-146b MicroRNAs Has a Minimal and Negative Effect on the Malignant Phenotype of A549 Lung Cancer Cells

PLoS ONE 6(7): e22379

<http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0022379>

Patnaik S, Mallick R, Kannisto E, Sharma R, Bshara W, Yendamuri S, Dhillon SS:

MiR-205 and MiR-375 MicroRNA Assays to Distinguish Squamous Cell Carcinoma from Adenocarcinoma in Lung Cancer Biopsies

J Thorac Oncol. 2015 Mar;10(3):446-53. doi: 10.1097/JTO.0000000000000423.

<http://meta.wkhealth.com/pt/pt-core/template-journal/lwwgateway/media/landingpage.htm?issn=1556-0864&volume=10&issue=3&spage=446>

Peiris-Pagès M, Ozsvári B, Sotgia F, Lisanti MP:

Mitochondrial and ribosomal biogenesis are new hallmarks of stemness, oncometabolism and biomass accumulation in cancer: Mito-stemness and ribo-stemness features

Aging (Albany NY). 2019 Jul 16. doi: 10.18632/aging.102054.

<https://www.impactaging.com/full/102054>

Perier-Muzet M, Thomas L, Poulalhon N, Debarbieux S, Bringuier PP, Duru G, Depaepe L, Balme B, Dalle S :

Melanoma patients under vemurafenib: prospective follow-up of melanocytic lesions by digital dermoscopy

J Invest Dermatol. 2014 May;134(5):1351-8. doi: 10.1038/jid.2013.462.

<http://dx.doi.org/10.1038/jid.2013.462>

Perilli L, Pizzini S, Bisognin A, Mandruzzato S, Biasiolo M, Faccioli A, Rossi E, Esposito G, Rugge M, Pilati P, Mocellin S, Nitti D, Bortoluzzi S, and Zanovello P:

Human miRNome profiling in colorectal cancer and liver metastasis development

Genomics Data (2014) GDATA-00060

<http://www.sciencedirect.com/science/article/pii/S2213596014000506>

Petersson F, Branzovsky J, Martinek P, Korabecna M, Kruslin B, Hora M, Peckova K, Bauleth K, Pivovarcikova K, Michal M, Svajdler M, Sperga M, Bulimbasic S, Leroy X, Rychly B, Trivunic S, Kokoskova B, Rotterova P, Podhola M, Suster S, Hes O:

The leiomyomatous stroma in renal cell carcinomas is polyclonal and not part of the neoplastic process

Virchows Arch. 2014 May 18.

<http://link.springer.com/article/10.1007/s00428-014-1591-9>

Petrelli A, Perra A, Cora D, Sulas P, Menegon S, Manca C, Migliore C, Kowalik MA, Ledda-Columbano GM, Giordano S, Columbano A:

MiRNA/gene profiling unveils early molecular changes and NRF2 activation in a rat model recapitulating human HCC

Hepatology. 2013 Jul 15. doi: 10.1002/hep.26616.

<http://dx.doi.org/10.1002/hep.26616>

Petrelli A, Perra A, Schernhuber K, Cargnelutti M, Salvi A, Migliore C, Ghiso E, Benetti A, Barlati S, Ledda-Columbano GM, Portolani N, De Petro G, Columbano A and Giordano S:

Sequential analysis of multistage hepatocarcinogenesis reveals that miR-100 and PLK1 dysregulation is an early event maintained along tumor progression

Oncogene, (16 January 2012) | doi:10.1038/onc.2011.631

<http://www.nature.com/ncjournal/vaop/ncurrent/full/nc2011631a.html>

Pignochino Y, Sarotto I, Peraldo-Neia C, Penachioni JY, Cavalloni G, Migliardi G, Casorzo L, Chiorino G, Risio M, Bardelli A, Aglietta M, Leone F:

Targeting EGFR/HER2 pathways enhances the antiproliferative effect of gemcitabine in biliary tract and gallbladder carcinomas

BMC Cancer. 2010 Nov 18;10:631.

<http://www.biomedcentral.com/1471-2407/10/631>

Pisanic TR 2nd, Asaka S, Lin SF, Yen TT, Sun H, Bahadirli-Talbott A, Wang TH, Burns KH, Wang TL, Shih IM:

LINE-1 retrotransposons become deregulated during the development of ovarian cancer precursor lesions

Am J Pathol. 2018 Dec 13. pii: S0002-9440(18)30690-4. doi: 10.1016/j.ajpath.2018.11.005.

[https://linkinghub.elsevier.com/retrieve/pii/S0002-9440\(18\)30690-4](https://linkinghub.elsevier.com/retrieve/pii/S0002-9440(18)30690-4)

Piscuoglio S, Ng CKY, Murray M, Burke KA, Edelweiss M, Geyer FC, Macedo GS, Inagaki A, Papanastasiou AD, Martelotto LG, Marchio C, Lim RS, Ioris RA, Nahar PK, De Bruijn I, Smyth L, Akram M, Ross D, Petrini J, Norton L, Solit DB, Baselga J, Brogi E, Ladanyi M, Weigelt B, and Reis-Filho JS:
Massively parallel sequencing of Phyllodes tumours of the breast reveals actionable mutations, and TERT promoter hotspot mutations and TERT gene amplification as likely drivers of progression

The Journal of Pathology, 17 NOV 2015 07:08AM EST | DOI: 10.1002/path.4672

<http://onlinelibrary.wiley.com/doi/10.1002/path.4672/abstract>

Pizzini S, Bisognin A, Mandruzzato S, Biasiolo M, Faccioli A, Perilli L, Rossi E, Esposito G, Rugge M, Pilati P, Mocellin S, Nitti D, Bortoluzzi S, Zanovello P:

Impact of microRNAs on regulatory networks and pathways in human colorectal carcinogenesis and development of metastasis

BMC Genomics. 2013 Aug 29;14(1):589.

<http://www.biomedcentral.com/1471-2164/14/589>

Priego S, Feddi F, Ferrer P, Mena S, Benloch M, Ortega A, Carretero J, Obrador E, Asensi M, Estrela JM:
Natural polyphenols facilitate elimination of HT-29 colorectal cancer xenografts by chemoradiotherapy: a Bcl-2- and superoxide dismutase 2-dependent mechanism

Mol Cancer Ther. 2008 Oct;7(10):3330-42. doi: 10.1158/1535-7163.MCT-08-0363.

<http://mct.aacrjournals.org/cgi/pmidlookup?view=long&pmid=18852136>

Prowse, A.H., Fakis, G., Manek, S., Churchman, M., Edwards, S., Rowan, A., Koninckx, P., Kennedy, S., and Tomlinson, I.P.:

Allelic loss studies do not provide evidence for the "endometriosis-as-tumor" theory

Fertil Steril 83 Suppl 1: 1134-1143 (2005)

<http://www.fertstert.org/article/S0015-0282%2804%2903224-8/abstract>

Prowse AH, Manek S, Varma R, Liu J, Godwin AK, Maher ER, Tomlinson IP, and Kennedy SH:

Molecular genetic evidence that endometriosis is a precursor of ovarian cancer

Int J Cancer 119(3): 556-562 (2006)

<http://onlinelibrary.wiley.com/doi/10.1002/ijc.21845/full>

Pruneri, G., Mazzarol, G., Manzotti, M., and Viale, G.:

Monoclonal proliferation of germinal center cells (incipient follicular lymphoma) in an axillary lymph node of a melanoma patient

Hum Pathol 32(12): 1410-1413 (2001)

<http://www.humanpathol.com/article/S0046-8177%2801%2950948-X/abstract>

Pucci A, Mattioli C, Matteucci M, Lorenzini D, Panvini F, Pacini S, Ippolito C, Celiento M, De Martino A, Dolfi A, Belgio B, Bortolotti U, Basolo F, Bartoloni G:

Cell differentiation in cardiac myxomas: confocal microscopy and gene expression analysis after laser capture microdissection

Heart Vessels. 2018 May 22. doi: 10.1007/s00380-018-1189-2.

<https://dx.doi.org/10.1007/s00380-018-1189-2>

Puchalski RB, Shah N, Miller J, Dalley R, Nomura SR, Yoon JG, Smith KA, Lankerovich M, Bertagnolli D, Bickley K, Boe AF, Brouner K, Butler S, Caldejon S, Chapin M, Datta S, Dee N, Desta T, Dolbear T, Dotson N, Ebbert A, Feng D, Feng X, Fisher M, Gee G, Goldy J, Gourley L, Gregor BW, Gu G, Hejazinia N, Hohmann J, Hothi P, Howard R, Joines K, Kriedberg A, Kuan L, Lau C, Lee F, Lee H, Lemon T, Long F, Mastan N, Mott E, Murthy C, Ngo K, Olson E, Reding M, Riley Z, Rosen D, Sandman D, Shapovalova N, Slaughterbeck CR, Sodt A, Stockdale G, Szafer A, Wakeman W, Wohnoutka PE, White SJ, Marsh D,

Rostomily RC, Ng L, Dang C, Jones A, Keogh B, Gittleman HR, Barnholtz-Sloan JS, Cimino PJ, Uppin MS, Keene CD, Farrokhi FR, Lathia JD, Berens ME, Iavarone A, Bernard A, Lein E, Phillips JW, Rostad SW, Cobbs C, Hawrylycz MJ, Foltz GD:

An anatomic transcriptional atlas of human glioblastoma

Science. 2018 May 11;360(6389):660-663. doi: 10.1126/science.aaf2666

<http://www.sciencemag.org/cgi/pmidlookup?view=long&pmid=29748285>

Qiu X, Pascal LE, Song Q, Zang Y, Ai J, O'Malley KJ, Nelson JB, Zhou W:

Physical and Functional Interactions between ELL2 and RB in the Suppression of Prostate Cancer Cell Proliferation, Migration, and Invasion

Neoplasia, Mar 2017, Volume 19, Issue 3, Pages 207–215

[http://www.neoplasia.com/article/S1476-5586\(16\)30185-3/abstract](http://www.neoplasia.com/article/S1476-5586(16)30185-3/abstract)

Qu X, Sandmann T, Frierson H Jr, Fu L, Fuentes E, Walter K, Okrah K, Rumpel C, Moskaluk C, Lu S, Wang Y, Bourgon R, Penuel E, Pirzkall A, Amler L, Lackner MR, Tabenero J, Hampton GM, Kabbarah O:
Integrated genomic analysis of colorectal cancer progression reveals activation of EGFR through demethylation of the EREG promoter

Oncogene. 2016 Jun 6. doi: 10.1038/onc.2016.170.

<http://dx.doi.org/10.1038/onc.2016.170>

Rabien A, Fritzsche FR, Jung M, Tölle A, Diamandis EP, Miller K, Jung K, Kristiansen G, Stephan C:
KLK15 is a prognostic marker for progression-free survival in patients with radical prostatectomy

Int J Cancer 127(10):2386-94 (2010)

<http://onlinelibrary.wiley.com/doi/10.1002/ijc.25435/full>

Rabien A, Kristiansen G:

Tissue Microdissection

Methods Mol Biol. 2016;1381:39-52. doi: 10.1007/978-1-4939-3204-7_2.

http://link.springer.com/protocol/10.1007%2F978-1-4939-3204-7_2

Raghav K, Overman M, Poage GM, Soifer HS, Schnabel CA, Varadhachary GR:

Defining a Distinct Immunotherapy Eligible Subset of Patients with Cancer of Unknown Primary Using Gene Expression Profiling with the 92-Gene Assay

Oncologist. 2020 Sep 7. doi: 10.1634/theoncologist.2020-0234.

<https://theoncologist.onlinelibrary.wiley.com/doi/pdfdirect/10.1634/theoncologist.2020-0234>

Rahrmann EP, Collier LS, Knutson TP, Doyal ME, Kuslak SL, Green LE, Malinowski RL, Roethe L, Akagi K, Waknitz M, Huang W, Largaespada DA, Marker PC:

Identification of PDE4D as a proliferation promoting factor in prostate cancer using a Sleeping Beauty transposon-based somatic mutagenesis screen

Cancer Res. 2009 May 15;69(10):4388-97. doi: 10.1158/0008-5472.CAN-08-3901.

<http://cancerres.aacrjournals.org/cgi/pmidlookup?view=long&pmid=19401450>

Romanens L, Chaskar P, Tille J-C, Ryser S, Liaudet N, Hu-Heimgartner K, Heimgartner K, Kaya G, Tsantoulis P, Labidi-Galy SI:

Spatial transcriptomics of tumor microenvironment in formalin-fixed paraffin-embedded breast cancer

bioRxiv 2020.01.31.928143; doi: <https://doi.org/10.1101/2020.01.31.928143>

<https://www.biorxiv.org/content/10.1101/2020.01.31.928143v1>

Ran R, Li L, Wang M, Wang S, Zheng Z, Lin PP:

Determination of EGFR mutations in single cells microdissected from enriched lung tumor cells in peripheral blood

Anal Bioanal Chem. 2013 Jul 5

<http://dx.doi.org/10.1007/s00216-013-7156-y>

Reddy LA, Mikesh L, Moskaluk CA, Harvey J, Sherman N, Zigino P, Mauch C, Fox JW:
Host response to human breast in situ ductal carcinoma (IDC) as observed by changes in the stromal proteome

J Proteome Res. 2014 Sep 22
<http://dx.doi.org/10.1021/pr500620x>

Refinetti P, Arstad C, Thilly WG, Morgenthaler S, Ekstrøm PO:
Mapping mitochondrial heteroplasmy in a Leydig tumor by laser capture microdissection and cycling temperature capillary electrophoresis

BMC Clinical Pathology (2017) 17:6 DOI 10.1186/s12907-017-0042-3
<https://bmcclinpathol.biomedcentral.com/articles/10.1186/s12907-017-0042-3>

Ren X, Daa T, Yada N, Kashima K, Fujitomi Y, Yokoyama S:
Expression and mutational status of RON in neoplastic lesions of the breast: analysis of MSP/RON signaling in ductal carcinoma in situ and invasive ductal carcinoma

APMIS, 2011, DOI: 10.1111/j.1600-0463.2011.02841.x
<http://onlinelibrary.wiley.com/doi/10.1111/j.1600-0463.2011.02841.x/full>

Reuter JA, Spacek DV, Pai RK, Snyder MP:
Simul-seq: combined DNA and RNA sequencing for whole-genome and transcriptome profiling

Nat Methods. 2016 Oct 10. doi: 10.1038/nmeth.4028.
<http://dx.doi.org/10.1038/nmeth.4028>

Roessler S, Lin G, Forgues M, Budhu A, Hoover S, Simpson RM, Wu X, He P, Qin LX, Tang ZY, Ye QH, Wang XW:
Integrative Genomic and Transcriptomic Characterization of Matched Primary and Metastatic Liver and Colorectal Carcinoma

Int J Biol Sci 2015; 11(1):88-98. doi:10.7150/ijbs.10583
<http://www.ijbs.com/v11p0088.htm>

Rovithi M, Avan A, Funel N, Leon LG, Gomez VE, Wurdinger T, Griffioen AW, Verheul HM, Giovannetti E:
Development of bioluminescent chick chorioallantoic membrane (CAM) models for primary pancreatic cancer cells: a platform for drug testing

Sci Rep. 2017 Mar 17;7:44686. doi: 10.1038/srep44686.
<http://www.nature.com/articles/srep44686>

Roy E, Wong HY, Villani R, Rouille T, Salik B, Sim SL, Murigneux V, Stark MS, Fink JL, Soyer HP, Walker G, Lyons JG, Saunders N, Khosrotehrani K:

Regional Variation in Epidermal Susceptibility to UV-Induced Carcinogenesis Reflects Proliferative Activity of Epidermal Progenitors

Cell Rep. 2020 Jun 2;31(9):107702. doi: 10.1016/j.celrep.2020.107702.
<https://www.sciencedirect.com/science/article/pii/S2211124720306720>

Ruan W, Sassoan A, An F, Simko JP, Liu B:

Identification of clinically significant tumor antigens by selecting phage antibody library on tumor cells in situ using laser capture microdissection

Mol Cell Proteomics. 2006 Dec;5(12):2364-73.
<http://www.mcponline.org/cgi/pmidlookup?view=long&pmid=16982673>

Rummel S, Penatzer CE, Shriver CD, and Ellsworth RE:

PSPHL and breast cancer in African American women: causative gene or population stratification?

BMC Genetics 2014, 15:38 doi:10.1186/1471-2156-15-38
<http://www.biomedcentral.com/content/pdf/1471-2156-15-38.pdf>

Saber A, N Hiltermann TJ, Kok K, Terpstra MM, de Lange K, Timens W, Groen HJ, van den Berg A:

Mutation patterns in small cell and non-small cell lung cancer patients suggests a different level of heterogeneity between primary and metastatic tumors

Carcinogenesis. 2016 Dec 17. pii: bgw128.

<http://carcin.oxfordjournals.org/cgi/pmidlookup?view=long&pmid=27993895>

Saft L, Karimi M, Ghaderi M, Matolcsy A, Mufti GJ, Kulasekararaj A, Göhring G, Giagounidis A, Selleslag D, Muus P, Sanz G, Mittelman M, Bowen D, Porwit A, Fu T, Backstrom J, Fenaux P, MacBeth KJ, and Hellström-Lindberg E:

p53 protein expression independently predicts outcome in patients with lower-risk myelodysplastic syndromes with del(5q)

Haematologica haematol.2013.098103; March 28, 2014, doi:10.3324/haematol.2013.098103

<http://www.haematologica.org/content/early/2014/03/25/haematol.2013.098103.abstract>

Saito T, Mitomi H, Suehara Y, Okubo T, Torigoe T, Takagi T, Kaneko K, Yao T:

A case of de novo secondary malignant giant-cell tumor of bone with loss of heterozygosity of p53 gene that transformed within a short-term follow-up

Pathology - Research and Practice (2011), ISSN 0344-0338, doi:10.1016/j.prp.2011.07.009

<http://www.sciencedirect.com/science/article/pii/S0344033811001701>

Sakashita H, Inoue H, Akamine S, Ishida T, Inase N, Shirao K, Mori M, Mimori K:

Identification of the NEDD4L Gene as a Prognostic Marker by Integrated Microarray Analysis of Copy Number and Gene Expression Profiling in Non-small Cell Lung Cancer

Ann Surg Oncol. 2013 Jun 28.

<http://dx.doi.org/10.1245/s10434-013-3059-6>

Sasada T, Hinoi T, Saito Y, Adachi T, Takakura Y, Kawaguchi Y, Sotomaru Y, Sentani K, Oue N, Yasui W, Ohdan H:

Chlorinated Water Modulates the Development of Colorectal Tumors with Chromosomal Instability and Gut Microbiota in Apc-Deficient Mice

PLoS One. 2015 Jul 17;10(7):e0132435. doi: 10.1371/journal.pone.0132435.

<http://dx.plos.org/10.1371/journal.pone.0132435>

Sasaki M, Nitta T, Sato, Y and Nakanuma Y:

Autophagy may occur at an early stage of cholangiocarcinogenesis via biliary intraepithelial neoplasia

Human Pathology, 2014/10/29, doi: 10.1016/j.humpath.2014.09.016; 10.1016/j.humpath.2014.09.016

[http://www.humanpathol.com/article/S0046-8177\(14\)00429-8/abstract](http://www.humanpathol.com/article/S0046-8177(14)00429-8/abstract)

Sato S, Yamamoto H, Mukaisho K, Saito S, Hattori T, Yamamoto G, Sugihara H:

Continuous taurocholic Acid exposure promotes esophageal squamous cell carcinoma progression due to reduced cell loss resulting from enhanced vascular development

PLoS One. 2014 Feb 14;9(2):e88831. doi: 10.1371/journal.pone.0088831. eCollection 2014.

<http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0088831>

Saito T, Niida A, Uchi R, Hirata H, Komatsu H, Sakimura S, Hayashi S, Nambara S, Kuroda Y, Ito S, Eguchi H, Masuda T, Sugimachi K, Tobo T, Nishida H, Daa T, Chiba K, Shiraishi Y, Yoshizato T, Kodama M, Okimoto T, Mizukami K, Ogawa R, Okamoto K, Shuto M, Fukuda K, Matsui Y, Shimamura T, Hasegawa T, Doki Y, Nagayama S, Yamada K, Kato M, Shibata T, Mori M, Aburatani H, Murakami K, Suzuki Y, Ogawa S, Miyano S, Mimori K:

A temporal shift of the evolutionary principle shaping intratumor heterogeneity in colorectal cancer

Nat Commun. 2018 Jul 23;9(1):2884. doi: 10.1038/s41467-018-05226-0.

<https://www.nature.com/articles/s41467-018-05226-0.pdf>

Sawada G, Takahashi Y, Niida A, Shimamura T, Kurashige J, Matsumura T, Ueo H, Uchi R, Takano Y, Ueda M, Hirata H, Sakimura S, Shinden Y, Eguchi H, Sudo T, Sugimachi K, Miyano S, Doki Y, Mori M, Mimori K:

Loss of CDCP1 Expression Promotes Invasiveness and Poor Prognosis in Esophageal Squamous Cell Carcinoma

Ann Surg Oncol. 2014 May 22.

<http://link.springer.com/article/10.1245/s10434-014-3740-4>

Sawai Y, Kodama Y, Shimizu T, Ota Y, Maruno T, Eso Y, Kurita A, Shiokawa M, Tsuji Y, Uza N, Matsumoto Y, Masui T, Uemoto S, Marusawa H, Chiba T:

Activation-Induced Cytidine Deaminase Contributes to Pancreatic Tumorigenesis by Inducing Tumor-Related Gene Mutations

Cancer Res. 2015 Aug 15;75(16):3292-301. doi: 10.1158/0008-5472.CAN-14-3028.

<http://cancerres.aacrjournals.org/content/75/16/3292.long>

Schultheiss CS, Laggai S, Czepukojc B, Hussein UK, List M, Barghash A, Tierling S, Hosseini K, Golob-Schwarzl N, Pokorny J, Hachenthal N, Schulz M, Helms V, Walter J, Zimmer V, Lammert F, Bohle RM, Dandolo L, Haybaeck J, Kiemer AK, Kessler SM:

The long non-coding RNA H19 suppresses carcinogenesis and chemoresistance in hepatocellular carcinoma

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https://www.researchgate.net/profile/Alexandra_Kiemer/publication/320263239_The_long_non-coding_RNA_H19_suppresses_carcinogenesis_and_chemoresistance_in_hepatocellular_carcinoma/links/59dcabbc458515e9ab4c8104/The-long-non-coding-RNA-H19-suppresses-carcinogenesis-and-chemoresistance-in-hepatocellular-carcinoma.pdf

Scott, M., McCluggage, W.G., Hillan, K.J., Hall, P.A., and Russell, S.E.:

Altered patterns of transcription of the septin gene, SEPT9, in ovarian tumorigenesis

Int J Cancer 118(5): 1325-1329 (2006)

<http://onlinelibrary.wiley.com/doi/10.1002/ijc.21486/full>

Seike, M., Kondo, T., Fujii, K., Okano, T., Yamada, T., Matsuno, Y., Gemma, A., Kudoh, S., and Hirohashi, S.:

Proteomic signatures for histological types of lung cancer

Proteomics 5(11): 2939-2948 (2005)

<http://onlinelibrary.wiley.com/doi/10.1002/pmic.200401166/abstract>

Seki, K., Miyakoshi, S., Lee, G.H., Matsushita, H., Mutoh, Y., Nakase, K., Ida, M., and Taniguchi, H.:

Prostatic acid phosphatase is a possible tumor marker for intravascular large B-cell lymphoma

Am J Surg Pathol 28(10): 1384-1388 (2004)

<http://journals.lww.com/ajsp/pages/articleviewer.aspx?year=2004&issue=10000&article=00016&type=abstract>

Seto M, Ohta M, Asaoka Y, Ikenoue T, Tada M, Miyabayashi K, Mohri D, Tanaka Y, Ijichi H, Tateishi K, Kanai F, Kawabe T, Omata M:

Regulation of the hedgehog signaling by the mitogen-activated protein kinase cascade in gastric cancer

Mol Carcinog. 2009 Aug;48(8):703-12

<http://onlinelibrary.wiley.com/doi/10.1002/mc.20516/full>

Sharma P, Chinaranagari S, Patel D, Carey J, Chaudhary J:

Epigenetic inactivation of inhibitor of differentiation 4 (Id4) correlates with prostate cancer

Cancer Med, 2012, 2045-7634

<http://dx.doi.org/10.1002/cam4.16>

Shen SY, Singhanian R, Fehringer G, Chakravarthy A, Roehrl MHA, Chadwick D, Zuzarte PC, Borgida A, Wang TT, Li T, Kis O, Zhao Z, Spreafico A, Medina TDS, Wang Y, Roulois D, Ettayebi I, Chen Z, Chow S, Murphy T, Arruda A, O'Kane GM, Liu J, Mansour M, McPherson JD, O'Brien C, Leigh N, Bedard PL, Fleshner N, Liu G, Minden MD, Gallinger S, Goldenberg A, Pugh TJ, Hoffman MM, Bratman SV, Hung RJ, De Carvalho DD:

Sensitive tumour detection and classification using plasma cell-free DNA methylomes

Nature. 2018 Nov 14. doi: 10.1038/s41586-018-0703-0.

<http://dx.doi.org/10.1038/s41586-018-0703-0>

Shi Y, Li J, Wu YS, Qin L, Jiao FY:

BRAF Mutation Is Associated With the Unique Morphology of Traditional Serrated Adenoma of the Colorectum

Int J Surg Pathol. 2013 Aug 18.

<http://ijs.sagepub.com/content/early/2013/08/16/1066896913499628.abstract>

Shieh, D.B., Chou, W.P., Wei, Y.H., Wong, T.Y., and Jin, Y.T.:

Mitochondrial DNA 4,977-bp deletion in paired oral cancer and precancerous lesions revealed by laser microdissection and real-time quantitative PCR

Ann N Y Acad Sci 1011: 154-167 (2004)

<http://onlinelibrary.wiley.com/doi/10.1196/annals.1293.016/full>

Shieh, Y.S., Shiah, S.G., Jeng, H.H., Lee, H.S., Wu, C.W., and Chang, L.C.:

DNA methyltransferase 1 expression and promoter methylation of E-cadherin in mucoepidermoid carcinoma

Cancer 104(5): 1013-1021 (2005)

<http://onlinelibrary.wiley.com/doi/10.1002/cncr.21278/full>

Shimura M, Mizuma M, Takadate T, Katoh Y, Suzuki T, Iseki M, Hata T, Aoki S, Suzuki Y, Sakata N, Ohtsuka H, Hayashi H, Morikawa T, Nakagawa K, Motoi F, Naitoh T, Igarashi K, Sasano H, Unno M:

A novel liver metastasis-correlated protein of pancreatic neuroendocrine neoplasm (PanNEN) discovered by proteomic analysis

Oncotarget. 2018; 9:24291-24303.

<https://doi.org/10.18632/oncotarget.25110>

Shin E, Lee Y, Koo JS:

Differential expression of the epigenetic methylation-related protein DNMT1 by breast cancer molecular subtype and stromal histology

J Transl Med. 2016 Apr 12;14(1):87. doi: 10.1186/s12967-016-0840-x.

<http://translational-medicine.biomedcentral.com/articles/10.1186/s12967-016-0840-x>

Shin K, Lim A, Odegaard JI, Honeycutt JD, Kawano S, Hsieh MH, Beachy PA:

Cellular origin of bladder neoplasia and tissue dynamics of its progression to invasive carcinoma

Nat Cell Biol. 2014 Apr 20. doi: 10.1038/ncb2956.

<http://dx.doi.org/10.1038/ncb2956>

Shitara D, Tell-Martí G, Badenas C, Enokihara MM, Alós L, Larque AB, Michalany N, Puig-Butille J, Carrera C, Malveyh J, Puig S, Bagatin E:

Mutational status of nevus associated-melanomas

Br J Dermatol. 2015 Apr 9. doi: 10.1111/bjd.13829.

<http://dx.doi.org/10.1111/bjd.13829>

Shriver CD, Hueman MT, Ellsworth RE

Molecular signatures of lymph node status by intrinsic subtype: gene expression analysis of primary breast tumors from patients with and without metastatic lymph nodes

J Exp Clin Cancer Res. 2014 Dec 31;33(1):782.

<http://www.jeccr.com/content/33/1/782>

Siddon A, Lozovatsky L, Mohamed A, Hudnall SD:

Human herpesvirus 6 positive Reed-Sternberg cells in nodular sclerosis Hodgkin lymphoma

Br J Haematol. 2012 Jul 4. doi: 10.1111/j.1365-2141.2012.09206.x.

<http://dx.doi.org/10.1111/j.1365-2141.2012.09206.x>

Singh N, Faruqi A, Kommoss F, McCluggage WG, Trevisan G, Senz J, Lum A, Gilks CB, Anglesio M:

Extrauterine high-grade serous carcinomas with bilateral adnexal involvement as the only two disease sites are clonal based on tp53 sequencing results: implications for biology, classification, and staging

Mod Pathol. 2017 Nov 17. doi: 10.1038/modpathol.2017.159.

<http://dx.doi.org/10.1038/modpathol.2017.159>

Skalicky S, Zwiers PJ, Kuiper T, Schraml E, Hackl M, Molema G:

Combining laser microdissection and microRNA expression profiling to unmask microRNA signatures in complex tissues

Biotechniques. 2019 Oct 17. doi: 10.2144/btn-2019-0032.

<https://www.future-science.com/doi/pdf/10.2144/btn-2019-0032>

Somiari, R.I., Somiari, S., Russell, S., and Shriver, C.D.:

Proteomics of breast carcinoma

J Chromatogr B Analyt Technol Biomed Life Sci 815(1-2): 215-225 (2005)

<http://dx.doi.org/10.1016/j.jchromb.2004.11.012>

Song JY, Eberle FC, Xi L, Raffeld M, Rahma O, Wilson WH, Dunleavy K, Pittaluga S, Jaffe ES:

Coexisting and Clonally Identical Classic Hodgkin Lymphoma and Nodular Lymphocyte Predominant Hodgkin Lymphoma

Am J Surg Pathol. 2011 May;35(5):767-72.

http://journals.lww.com/ajsp/Abstract/2011/05000/Coexisting_and_Clonally_Identical_Classic_Hodgkin.18.aspx

Song Q, Qin S, Pascal LE, Zou C, Wang W, Tong H, Zhang J, Catalona WJ, Dhir R, Morrell M, Balasubramani GK, Lu Y, Wang Z:

SIRPB1 promotes prostate cancer cell proliferation via Akt activation

Prostate. 2020 Jan 6. doi: 10.1002/pros.23950.

<https://doi.org/10.1002/pros.23950>

Sonoda A, Mukaisho KI, Nakayama T, Diem VT, Hattori T, Andoh A, Fujiyama Y, Sugihara H

Genetic lineages of undifferentiated-type gastric carcinomas analysed by unsupervised clustering of genomic DNA microarray data

BMC Med Genomics. 2013 Jul 19;6(1):25.

<http://www.biomedcentral.com/content/pdf/1755-8794-6-25.pdf>

Souda M, Umekita Y, Abeyama K, Yoshida H:

Gene expression profiling during rat mammary carcinogenesis induced by 7,12-dimethylbenz[a]anthracene

Int J Cancer. 2009 Sep 15;125(6):1285-97.

<http://onlinelibrary.wiley.com/doi/10.1002/ijc.24396/full>

Sowamber R, Nelson O, Dodds L, DeCastro V, Paudel I, Milea A, Considine M, Cope L, Pinto A, Schlumbrecht M, Slomovitz B, Shaw PA, George SHL:

Integrative Transcriptome Analyses of the Human Fallopian Tube: Fimbria and Ampulla-Site of Origin of Serous Carcinoma of the Ovary

Cancers (Basel). 2020 Apr 27;12(5). pii: E1090. doi: 10.3390/cancers12051090.

<http://www.mdpi.com/resolver?pii=cancers12051090>

Sturtz LA, Melley J, Mamula K, Shriver CD, Ellsworth RE:

Outcome disparities in African American women with triple negative breast cancer: a comparison of epidemiological and molecular factors between African American and Caucasian women with triple negative breast cancer

BMC Cancer. 2014 Feb 4;14(1):62. doi: 10.1186/1471-2407-14-62

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3916697/>

Su Y, Bidlingmaier S, Lee NK, Liu B:

Combine Phage Antibody Display Library Selection on Patient Tissue Specimens with Laser Capture Microdissection to Identify Novel Human Antibodies Targeting Clinically Relevant Tumor Antigens

Methods Mol Biol. 2018;1701:331-347. doi: 10.1007/978-1-4939-7447-4_18.

https://link.springer.com/protocol/10.1007/978-1-4939-7447-4_18

Suarez-Carmona M1, Bourcy M, Lesage J, Leroi N, Syne L, Blacher S, Huber P, Erpicum C, Foidart JM, Delvenne P, Birembaut P, Noël A, Polette M, Gilles C:

Soluble factors regulated by epithelial-mesenchymal transition mediate tumour angiogenesis and myeloid cell recruitment

J Pathol. 2015 Apr 16. doi: 10.1002/path.4546.

<http://dx.doi.org/10.1002/path.4546>

Sudo T, Iwaya T, Nishida N, Sawada G, Takahashi Y, Ishibashi M, Shibata K, Fujita H, Shirouzu K, Mori M, Mimori K:

Expression of Mesenchymal Markers Vimentin and Fibronectin: The Clinical Significance in Esophageal Squamous Cell Carcinoma

Ann Surg Oncol. 2012 May 30. [Epub ahead of print]

<http://www.springerlink.com/content/b2360668h64gu7h3/>

Sugimoto T, Ohta M, Ikenoue T, Yamada A, Tada M, Fujishiro M, Ogura K, Yamaji Y, Okamoto M, Kanai F, Kawabe T, Omata M:

Macroscopic morphologic subtypes of laterally spreading colorectal tumors showing distinct molecular alterations

Int J Cancer. 2010 Oct 1;127(7):1562-9

<http://onlinelibrary.wiley.com/doi/10.1002/ijc.25180/full>

Sukata T, Uwagawa S, Ozaki K, Sumida K, Kushida M, Kakehashi A, Wanibuchi H, Miyata K, Ogata K and Fukushima S:

Characteristic Upregulation of Glucose-Regulated Protein 78 in an Early Lesion Negative for Hitherto Established Cytochemical Markers in Rat Hepatocarcinogenesis

Journal of Toxicologic Pathology 22(4): pp.281

http://www.jstage.jst.go.jp/article/tox/22/4/22_281/article

Sumino J, Uzawa N, Okada N, Miyaguchi K, Mogushi K, Takahashi KI, Sato H, Michikawa C, Nakata Y, Tanaka H, Amagasa T:

Gene expression changes in initiation and progression of oral squamous cell carcinomas revealed by laser microdissection and oligonucleotide microarray analysis

Int J Cancer. 2012 Jun 28. doi: 10.1002/ijc.27702.

<http://dx.doi.org/10.1002/ijc.27702>

Sunde, J.S., Donninger, H., Wu, K., Johnson, M.E., Pestell, R.G., Rose, G.S., Mok, S.C., Brady, J., Bonome, T., and Birrer, M.J.:

Expression Profiling Identifies Altered Expression of Genes That Contribute to the Inhibition of Transforming Growth Factor- β Signaling in Ovarian Cancer

Cancer Res 66(17): 8404-8412 (2006)

<http://cancerres.aacrjournals.org/content/66/17/8404.long>

Sugimachi K, Yokobori T, Iinuma H, Ueda M, Ueo H, Shinden Y, Eguchi H, Sudo T, Suzuki A, Maehara Y, Mori M, Mimori K:

Aberrant Expression of Plastin-3 Via Copy Number Gain Induces the Epithelial-Mesenchymal Transition in Circulating Colorectal Cancer Cells

Ann Surg Oncol. 2013 Nov 12.

<http://link.springer.com/article/10.1245%2Fs10434-013-3366-y>

Sugiura F, Inoue K, Okuno K, Sukegawa Y:

Clinical study of Peptide-cocktail vaccination with tegafur-uracil/leucovorin for advanced colorectal cancer.

Gan To Kagaku Ryoho. 2012 Nov;39(12):1760-2. (Article in Japanese)

<http://www.pieronline.jp/content/article/0385-0684/39120/1760>

Suzuki, S., Asamoto, M., Tsujimura, K., and Shirai, T.:

Specific differences in gene expression profile revealed by cDNA microarray analysis of glutathione S-transferase placental form (GST-P) immunohistochemically positive rat liver foci and surrounding tissue

Carcinogenesis 25(3): 439-443 (2004)

<http://carcin.oxfordjournals.org/content/25/3/439.long>

Suzuki Y, Takadate T, Mizuma M, Shima H, Suzuki T, Tachibana T, Shimura M, Hata T, Iseki M, Kawaguchi K, Aoki T, Hayashi H, Morikawa T, Nakagawa K, Motoi F, Naitoh T, Igarashi K, Unno M:

Stromal expression of hemopexin is associated with lymph-node metastasis in pancreatic ductal adenocarcinoma

PLoS One. 2020 Jul 14;15(7):e0235904. doi: 10.1371/journal.pone.0235904. eCollection 2020.

<https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0235904>

Svec J, Ergang P, Mandys V, Kment M, Pácha J:

Expression profiles of proliferative and antiapoptotic genes in sporadic and colitis-related mouse colon cancer models

Int J Exp Pathol 91(1):44-53 (2010)

<http://onlinelibrary.wiley.com/doi/10.1111/j.1365-2613.2009.00698.x/full>

Swarts DRA, Voorham QJM, van Splunter AP, Wilting SM, Sie D, Pronk D, van Beurden M, Heideman DAM, Snijders PJF, Meijer CJLM, Steenbergen RDM, Bleeker MCG:

Molecular heterogeneity in human papillomavirus-dependent and -independent vulvar carcinogenesis

Cancer Med. 2018 Jul 20. doi: 10.1002/cam4.1633.

<https://doi.org/10.1002/cam4.1633>

Szekerczés T, Galamb Á, Varga N, Benczik M, Kocsis A, Schlachter K, Kiss A, Ács N, Schaff Z, Jeney C, Lendvai G, Sobel G:

Increased miR-20b Level in High Grade Cervical Intraepithelial Neoplasia

Pathol Oncol Res. 2020 Jul 8. doi: 10.1007/s12253-020-00852-w.

<https://link.springer.com/article/10.1007/s12253-020-00852-w>

Tada M, Kanai F, Tanaka Y, Sanada M, Nannya Y, Tateishi K, Ohta M, Asaoka Y, Seto M, Imazeki F, Yoshida H, Ogawa S, Yokosuka O, Omata M:

Prognostic significance of genetic alterations detected by high-density single nucleotide polymorphism array in gastric cancer

Cancer Sci. 2010 May;101(5):1261-9

<http://onlinelibrary.wiley.com/doi/10.1111/j.1349-7006.2010.01500.x/full>

Taga M, Eguchi H, Shinohara T, Takahashi K, Ito R, Yasui W, Nakachi K, Kusunoki Y, Hamatani K:
Improved PCR amplification for molecular analysis using DNA from long-term preserved formalin-fixed, paraffin-embedded lung cancer tissue specimens

Int J Clin Exp Pathol 2013;6(1):76-79, www.ijcep.com /ISSN:1936-2625/IJCEP1209008

<http://www.ijcep.com/files/ijcep1209008.pdf>

Tajima Y, Eguchi H, Chika N, Nagai T, Dechamethakun S, Kumamoto K, Tachikawa T, Akagi K, Tamaru JI, Seki H, Okazaki Y, Ishida H:

Prevalence and molecular characteristics of defective mismatch repair epithelial ovarian cancer in a Japanese hospital-based population

Jpn J Clin Oncol. 2018 Jun 8. doi: 10.1093/jjco/hyy081.

<https://academic.oup.com/jjco/article-lookup/doi/10.1093/jjco/hyy081>

Takadate T, Onogawa T, Fujii K, Motoi F, Mikami S, Fukuda T, Kihara M, Suzuki T, Takemura T, Minowa T, Hanagata N, Kinoshita K, Morikawa T, Shirasaki K, Rikiyama T, Katayose Y, Egawa S, Nishimura T and Unno M:

Nm23/Nucleoside Diphosphate Kinase-A as a Potent Prognostic marker in Invasive Pancreatic Ductal Carcinoma Identified by Proteomic Analysis of Laser Micro-dissected Formalin-Fixed Paraffin-Embedded Tissue

Clinical Proteomics 2012, 9:8 doi:10.1186/1559-0275-9-8

<http://www.clinicalproteomicsjournal.com/content/9/1/8/abstract>

Takadate T, Onogawa T, Fukuda T, Motoi F, Suzuki T, Fujii K, Kihara M, Mikami S, Bando Y, Maeda S, Ishida K, Minowa T, Hanagata N, Ohtsuka H, Katayose Y, Egawa S, Nishimura T, Unno M:

Novel prognostic protein markers of resectable pancreatic cancer identified by coupled shotgun and targeted proteomics using formalin-fixed paraffin-embedded tissues

Int J Cancer. 2012 Aug 23. doi: 10.1002/ijc.27797.

<http://dx.doi.org/10.1002/ijc.27797>

Takahashi H, Ishikawa T, Ishiguro M, Okazaki S, Mogushi K, Kobayashi H, Iida S, Mizushima H, Tanaka H, Uetake H, Sugihara K:

Prognostic significance of Traf2- and Nck- interacting kinase (TNIK) in colorectal cancer

BMC Cancer. 2015 Oct 24;15:794. doi: 10.1186/s12885-015-1783-y.

<http://www.biomedcentral.com/1471-2407/15/794>

Takahashi Y, Sawada G, Kurashige J, Uchi R, Matsumura T, Ueo H, Takano Y, Eguchi H, Sudo T, Sugimachi K, Yamamoto H, Doki Y, Mori M, Mimori K:

Amplification of PVT-1 is involved in poor prognosis via apoptosis inhibition in colorectal cancers

Br J Cancer. 2013 Nov 5. doi: 10.1038/bjc.2013.698.

<http://www.nature.com/bjc/journal/vaop/ncurrent/full/bjc2013698a.html>

Takahashi Y, Sawada G, Sato T, Kurashige J, Mima K, Matsumura T, Uchi R, Ueo H, Ishibashi M, Takano Y, Akiyoshi S, Eguchi H, Sudo T, Sugimachi K, Tanaka JI, Kudo SE, Doki Y, Mori M, Mimori K:

Microarray analysis reveals that high mobility group A1 is involved in colorectal cancer metastasis

Oncol Rep. 2013 Jul 8. doi: 10.3892/or.2013.2602.

<http://www.spandidos-publications.com/10.3892/or.2013.2602>

Takami T, Kaposi-Novak P, Uchida K, Gomez-Quiroz LE, Conner EA, Factor VM, Thorgeirsson SS:

Loss of hepatocyte growth factor/c-Met signaling pathway accelerates early stages of N-nitrosodiethylamine induced hepatocarcinogenesis

Cancer Res. 2007 Oct 15;67(20):9844-51.

<http://cancerres.aacrjournals.org/cgi/lookup?view=long&pmid=17942915>

Takasu S, Ishii Y, Kijima A, Ogawa K, Nakane S, Umemura T:

Furan Induced Characteristic Glutathione S-Transferase Placental Form-Positive Foci in Terms of Cell Kinetics and Gene Expression

Toxicol Pathol. 2020 Aug 24;192623320948782. doi: 10.1177/0192623320948782.

<https://journals.sagepub.com/doi/abs/10.1177/0192623320948782>

Takenami T, Maeda S, Karasawa H, Suzuki T, Furukawa T, Morikawa T, Takadate T, Hayashi H, Nakagawa K, Motoi F, Naitoh T, Unno M:

Novel biomarkers distinguishing pancreatic head Cancer from distal cholangiocarcinoma based on proteomic analysis

BMC Cancer. 2019 Apr 5;19(1):318. doi: 10.1186/s12885-019-5548-x.

<https://bmccancer.biomedcentral.com/articles/10.1186/s12885-019-5548-x>

Takeshita T, Iwase H:

dPCR Mutational Analyses in Cell-Free DNA: A Comparison with Tissues

Methods Mol Biol. 2019;1909:105-118. doi: 10.1007/978-1-4939-8973-7_8.

https://link.springer.com/protocol/10.1007/978-1-4939-8973-7_8

Takeshita T, Yamamoto Y, Yamamoto-Ibusuki M, Inao T, Sueta A, Fujiwara S, Omoto Y, and Iwase H:
Droplet digital polymerase chain reaction assay for screening of ESR1 mutations in 325 breast cancer specimens

Translational Research, Sep 14, doi:10.1016/j.trsl.2015.09.003

<http://www.sciencedirect.com/science/article/pii/S1931524415003060>

Takeshita T, Yamamoto Y, Yamamoto-Ibusuki M, Tomiguchi M, Sueta A, Murakami K, Omoto Y, Iwase H:
Comparison of ESR1 Mutations in Tumor Tissue and Matched Plasma Samples from Metastatic Breast Cancer Patients

Transl Oncol. 2017 Jul 31;10(5):766-771. doi: 10.1016/j.tranon.2017.07.004.

<http://www.sciencedirect.com/science/article/pii/S1936523317301523>

Takizawa S, Sakiyama K, Bando Y, Inoue K, Sakashita H, Ogasawara Y, Amano O, Sakashita H:
Influence of high mobility group box 1 (HMGB1) derived from SCC7 cells on mouse normal tongue muscle fibers

Journal of Oral and Maxillofacial Surgery, Medicine, and Pathology, 2018 May 3, ISSN 2212-5558

<https://www.sciencedirect.com/science/article/pii/S2212555818300504>

Tamaki T, Iwakawa M, Ohno T, Imadome K, Nakawatari M, Sakai M, Tsujii H, Nakano T, Imai T:

Application of carbon-ion beams or gamma-rays on primary tumors does not change the expression profiles of metastatic tumors in an in vivo murine model

Int J Radiat Oncol Biol Phys 74(1):210-8 (2009)

<http://www.redjournal.org/article/S0360-3016%2809%2900091-1/abstract>

Tan S, Sood A, Rahimi H, Wang W, Gupta N, Hicks J, Mosier S, Gocke CD, Epstein JI, Netto GJ, Liu W, Isaacs WB, De Marzo AM, Lotan T:

Rb Loss is Characteristic of Prostatic Small Cell Neuroendocrine Carcinoma

Clin Cancer Res. 2013 Dec 9.

<http://clincancerres.aacrjournals.org/cgi/pmidlookup?view=long&pmid=24323898>

Tan X, Liao L, Wan YP, Li MX, Chen SH, Mo WJ, Zhao QL, Huang LF, Zeng GQ:

Downregulation of selenium-binding protein 1 is associated with poor prognosis in lung squamous cell carcinoma

World J Surg Oncol. 2016 Mar 8;14(1):70. doi: 10.1186/s12957-016-0832-6.

<http://wjso.biomedcentral.com/articles/10.1186/s12957-016-0832-6>

Tanaka M, Matsumura M, Okudela K, Mitsui H, Tateishi Y, Umeda S, Suzuki T, Koike C, Kataoka T, Kawano N, Kojima Y, Osawa H, Ohashi K:

Pulmonary melanocytic nevus - A case report with a mutation analysis of common driver oncogenes

Pathol Int. 2019 Sep 25. doi: 10.1111/pin.12850.

<https://onlinelibrary.wiley.com/doi/pdf/10.1111/pin.12850>

Tanakaya K, Kumamoto K, Tada Y, Eguchi H, Ishibashi K, Idani H, Tachikawa T, Akagi K, Okazaki Y, Ishida H:

A germline MBD4 mutation was identified in a patient with colorectal oligopolyposis and early-onset cancer: A case report

Oncol Rep. 2019 Jul 17. doi: 10.3892/or.2019.7239.

<https://www.spandidos-publications.com/10.3892/or.2019.7239>

Tancredi M, Sensi E, Cipollini G, Aretini P, Lombardi G, Di Cristofano C, Presciuttini S, Bevilacqua G, Caligo MA:

Haplotype analysis of BRCA1 gene reveals a new gene rearrangement: characterization of a 19.9 KBP deletion

Eur J Hum Genet 12(9): 775-777 (2004)

<http://www.nature.com/ejhg/journal/v12/n9/full/5201223a.html>

Tadano T, Kakuta Y, Hamada S, Shimodaira Y, Kuroha M, Kawakami Y, Kimura T, Shiga H, Endo K, Masamune A, Takahashi S, Kinouchi Y, Shimosegawa T:

MicroRNA-320 family is downregulated in colorectal adenoma and affects tumor proliferation by targeting CDK6

World J Gastrointest Oncol. 2016 Jul 15;8(7):532-42. doi: 10.4251/wjgo.v8.i7.532.

<http://www.wjgnet.com/1948-5204/full/v8/i7/532.htm>

Tao Y, Hart J, Lichtenstein L, Joseph LJ, Ciancio MJ, Hu S, Chang EB, Bissonnette M:

Inducible heat shock protein 70 prevents multifocal flat dysplastic lesions and invasive tumors in an inflammatory model of colon cancer

Carcinogenesis 30(1):175-82 (2009)

<http://carcin.oxfordjournals.org/content/30/1/175.short>

Tasioudi KE, Saetta AA, Sakellariou S, Levidou G, Michalopoulos NV, Theodorou D, Patsouris E, Korkolopoulou P:

pERK activation in esophageal carcinomas: Clinicopathological associations

Pathol Res Pract. 2012 Jun 1. [Epub ahead of print]

<http://www.sciencedirect.com/science/article/pii/S0344033812001331>

Thi-Ngoc Vo D, Nakayama T, Yamamoto H, Mukaisho K, Hattori T and Sugihara H:

P

Regression risk assessments of individual non-invasive gastric neoplasms by genomic copy-number profile and mucin phenotype

BMC Medical Genomics 18 Feb 2015, 8:6 doi:10.1186/s12920-015-0080-6

<http://www.biomedcentral.com/1755-8794/8/6/abstract>

Toffalorio F, Santarpia M, Radice D, Jaramillo CA, Spitaleri G, Manzotti M, Catania C, Jordheim LP, Pelosi G, Peters GJ, Tibaldi C, Funel N, Spaggiari L, de Braud F, de Pas T, Giovanetti E:

5'-nucleotidase cN-II emerges as a new predictive biomarker of response to gemcitabine/platinum combination chemotherapy in non-small cell lung cancer

Oncotarget, Advance Publications, 15 Feb. 2018

https://www.researchgate.net/profile/Elisa_Giovanetti/publication/323221452_5%27-nucleotidase_cN-II_emerges_as_a_new_predictive_biomarker_of_response_to_gemcitabine_platinum_combination_chemotherapy_in_non-small_cell_lung_cancer/links/5aa0ea17aca272d448b2d3e8/5-nucleotidase-cN-II-emerges-as-a-new-predictive-biomarker-of-response-to-gemcitabine-platinum-combination-chemotherapy-in-non-small-cell-lung-cancer.pdf

Toro AL, Costantino NS, Shriver CD, Ellsworth DL, Ellsworth RE:

Effect of obesity on molecular characteristics of invasive breast tumors: gene expression analysis in a large cohort of female patients

BMC Obes. 2016 Apr 29;3:22. doi: 10.1186/s40608-016-0103-7. eCollection 2016.

<http://bmcbobes.biomedcentral.com/articles/10.1186/s40608-016-0103-7>

Tretiakova MS, Shabani-Rad MT, Guggisberg K, Hart J, Anders RA, Gao ZH:

Genomic and immunophenotypical differences between hepatocellular carcinoma with and without cirrhosis

Histopathology 56(6):683-93 (2010)

<http://onlinelibrary.wiley.com/doi/10.1111/j.1365-2559.2010.03554.x/full>

Trudel D, Avarvarei L-M, Orain M, Turcotte S, Plante M, Grégoire J, Kappelhoff R, Labbé DP, Bachvarov D, Têtu B, Overall CM, Bairati I:

Proteases and their inhibitors as prognostic factors for high-grade serous ovarian cancer

Pathology - Research and Practice, 2 Mar 2019, <https://doi.org/10.1016/j.prp.2019.02.019>

<https://www.sciencedirect.com/science/article/pii/S0344033818316741#!>

Tsang YT, Deavers MT, Sun CC, Kwan SY, Kuo E, Malpica A, Mok SS, Gershenson DM, and Wong KK:
KRAS (but not BRAF) mutations in ovarian serous borderline tumor are associated with recurrent low-grade serous carcinoma

J. Pathol., SN - 1096-9896, <http://dx.doi.org/10.1002/path.4252>, 10.1002/path.4252

<http://onlinelibrary.wiley.com/doi/10.1002/path.4252/abstract>

Tsuchiyama K, Ito H, Taga M, Naganuma S, Oshinoya Y, Nagano KI, Yokoyama O, Itoh H

Expression of MicroRNAs associated with Gleason grading system in prostate cancer: miR-182-5p is a useful marker for high grade prostate cancer

Prostate. 2012 Nov 26. doi: 10.1002/pros.22626.

<http://dx.doi.org/10.1002/pros.22626>

Tsukamoto S, Ishikawa T, Iida S, Ishiguro M, Mogushi K, Mizushima H, Uetake H, Tanaka H, Sugihara K:

Clinical Significance of Osteoprotegerin Expression in Human Colorectal Cancer

Clin Cancer Res 17(8):2444-50 (2011)

<http://clincancerres.aacrjournals.org/content/17/8/2444.short>

Uchi R, Takahashi Y, Niida A, Shimamura T, Hirata H, Sugimachi K, Sawada G, Iwaya T, Kurashige J, Shinden Y, Iguchi T, Eguchi H, Chiba K, Shiraishi Y, Nagae G, Yoshida K, Nagata Y, Haeno H, Yamamoto H, Ishii H, Doki Y, Iinuma H, Sasaki S, Nagayama S, Yamada K, Yachida S, Kato M, Shibata T, Oki E, Saeki H, Shirabe K, Oda Y, Maehara Y, Komune S, Mori M, Suzuki Y, Yamamoto K, Aburatani H, Ogawa S, Miyano S, Mimori K:

Integrated Multiregional Analysis Proposing a New Model of Colorectal Cancer Evolution

PLoS Genet. 2016 Feb 18;12(2):e1005778. doi: 10.1371/journal.pgen.1005778. eCollection 2016.

<http://dx.plos.org/10.1371/journal.pgen.1005778>

Uehiro N, Sato F, Pu F, Tanaka S, Kawashima M, Kawaguchi K, Sugimoto M, Saji S, Toi M:

Circulating cell-free DNA-based epigenetic assay can detect early breast cancer

Breast Cancer Res. 2016 Dec 19;18(1):129.

<https://breast-cancer-research.biomedcentral.com/articles/10.1186/s13058-016-0788-z>

Untch BR, Dos Anjos V, Garcia-Rendueles MER, Knauf JA, Krishnamoorthy GP, Saqcena M, Bhanot UK, Succi ND, Ho AL, Ghossein R, Fagin JA:

Tipifarnib Inhibits HRAS-Driven Dedifferentiated Thyroid Cancers

Cancer Res. 2018 Aug 15;78(16):4642-4657. doi: 10.1158/0008-5472.CAN-17-1925.

<http://cancerres.aacrjournals.org/cgi/pmidlookup?view=long&pmid=29760048>

Uozaki H, Morita S, Kumagai A, Aso T, Soejima Y, Takahashi Y and Fukusato T:
Stromal miR-21 is more important than miR-21 of tumour cells for the progression of gastric cancer

Histopathology, SN - 1365-2559, 8 Jul 2014, doi: 10.1111/his.12491

<http://dx.doi.org/10.1111/his.12491>

Valencia T, Joseph A, Kachroo N, Darby S, Meakin S, Gnanapragasam VJ:
Role and expression of FRS2 and FRS3 in prostate cancer

BMC Cancer. 2011 Nov 11;11(1):484.

<http://www.biomedcentral.com/1471-2407/11/484>

Valente AL, Kane JL, Ellsworth DL, Shriver CD, Ellsworth RE:

Molecular response of the axillary lymph node microenvironment to metastatic colonization

J Clinical & Experimental Metastasis, April 2014; 10.1007/s10585-014-9650-9

<http://link.springer.com/article/10.1007/s10585-014-9650-9#>

van der Putten LJ, van Hoof R, Tops BB, Snijders MP, van den Berg-van Erp SH, van der Wurff AA, Bulten J, Pijnenborg JM, Massuger LF:

Molecular profiles of benign and (pre)malignant endometrial lesions

Carcinogenesis. 2017 Jan 25. doi: 10.1093/carcin/bgx008.

<https://academic.oup.com/carcin/article-lookup/doi/10.1093/carcin/bgx008>

van Dijk, M.C., Rombout, P.D., Mooi, W.J., van de Molengraft, F.J., van Krieken, J.H., Ruiter, D.J., and Ligtenberg, M.J.:

Allelic imbalance in the diagnosis of benign, atypical and malignant Spitz tumours

J Pathol 197(2): 170-178 (2002)

<http://onlinelibrary.wiley.com/doi/10.1002/path.1119/full>

van Schanke, A., van Venrooij, G.M., Jongsma, M.J., Banus, H.A., Mullenders, L.H., van Kranen, H.J., and de Gruijl, F.R.:

Induction of nevi and skin tumors in Ink4a/Arf Xpa knockout mice by neonatal, intermittent, or chronic UVB exposures

Cancer Res 66(5): 2608-2615 (2006)

<http://cancerres.aacrjournals.org/content/66/5/2608.long>

Vaira V, Favarsani A, Dohi T, Montorsi M, Augello C, Gatti S, Coggi G, Altieri DC, Bosari S
miR-296 regulation of a cell polarity-cell plasticity module controls tumor progression

Oncogene. 2012 Jan 5;31(1):27-38. doi: 10.1038/onc.2011.209.

<http://dx.doi.org/10.1038/onc.2011.209>

Venesio T, Balsamo A, Scordamaglia A, Bertolaso M, Arrigoni A, Sprujevnik T, Rossini FP, Risio M:

Germline APC mutation on the beta-catenin binding site is associated with a decreased apoptotic level in colorectal adenomas

Mod Pathol. 2003 Jan;16(1):57-65.

<http://dx.doi.org/10.1097/01.MP.0000042421.83775.0E>

Verdelli C, Forno I, Morotti A, Creo P, Guarnieri V, Scillitani A, Cetani F, Vicentini L, Balza G, Beretta E, Ferrero S, Vaira VA, Corbetta S:

The aberrantly expressed miR-372 partly impairs sensitivity to apoptosis in parathyroid tumor cells

Endocr Relat Cancer. 2018 May 3. pii: ERC-17-0204. doi: 10.1530/ERC-17-0204.

<http://erc.endocrinology-journals.org/content/early/2018/05/03/ERC-17-0204.abstract>

Visioli F, Wang Y, Alam GN, Ning Y, Rados PV, Nör JE, Polverini PJ:

Glucose-Regulated Protein 78 (Grp78) Confers Chemoresistance to Tumor Endothelial Cells under Acidic Stress

PLoS One. 2014 Jun 25;9(6):e101053. doi: 10.1371/journal.pone.0101053. eCollection 2014.

<http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0101053#pone-0101053-g006>

Voegtly LM, Mamula K, Campbell JL, Shriver CD, Ellsworth RE:

Molecular Alterations Associated with Breast Cancer Mortality

PLoS ONE 7(10): e46814. doi:10.1371/journal.pone.0046814

<http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0046814>

von Eggeling F, Hoffmann F:

Microdissection – an essential prerequisite for spatial cancer omics

Proteomics. 2020 Jun 23;e2000077. doi: 10.1002/pmic.202000077.

<https://doi.org/10.1002/pmic.202000077>

Wada Y, Matsuura M, Sugawara M, Ushijima M, Miyata S, Nagasaki K, Noda T, Miki Y:

Development of detection method for novel fusion gene using GeneChip exon array

J Clin Bioinforma. 2014 Feb 18;4(1):3.

<http://www.jclinbioinformatics.com/content/4/1/3>

Wamunyokoli, F.W., Bonome, T., Lee, J.Y., Feltrate, C.M., Welch, W.R., Radonovich, M., Pise-Masison, C., Brady, J., Hao, K., Berkowitz, R.S., Mok, S., and Birrer, M.J.:

Expression profiling of mucinous tumors of the ovary identifies genes of clinicopathologic importance

Clin Cancer Res 12(3 Pt 1): 690-700 (2006)

<http://clincancerres.aacrjournals.org/content/12/3/690.long>

Wang B, Li L, Liao Y, Li J, Yu X, Zhang Y, Xu J, Rao H, Chen S, Zhang L, Zheng L:

Mast cells expressing interleukin 17 in the muscularis propria predict a favorable prognosis in esophageal squamous cell carcinoma

Cancer Immunol Immunother. 2013 Aug 3.

<http://link.springer.com/article/10.1007%2Fs00262-013-1460-4>

Wang D, Nguyen MM, Masoodi KZ, Singh P, Jing Y, O'Malley K, Dhir R, Wang Z:

Splicing factor Prp8 interacts with NESAR and regulates androgen receptor in prostate cancer cells

Mol Endocrinol. 2015 Sep 15;me20151112.

http://press.endocrine.org/doi/10.1210/me.2015-1112?url_ver=Z39.88-2003&rfr_id=ori:rid:crossref.org&rfr_dat=cr_pub%3dpubmed

Wang Q, Yang Q, Li M, Zhang Y, Cai Y, Liang X, Fu Y, Xiao Z, Zhou M, Xie Z, Huang H, Huang Y, Chen Y, He Q, Peng F, Chen Z:

Quantitative proteomic profiling of tumor-associated vascular endothelial cells in colorectal cancer

bioRxiv preprint first posted online Feb. 26, 2019

<https://www.biorxiv.org/content/10.1101/561555v1>

Wang Y, Pascal LE, Zhong M, Ai J, Wang D, Jing Y, Pilch J, Song Q, Rigatti LH, Graham LE, Nelson JB, Parwani AV, Wang Z:

Combined loss of EAF2 and p53 induces prostate carcinogenesis in male mice

Endocrinology. 2017 Sep 27. doi: 10.1210/en.2017-00409.

<https://academic.oup.com/endo/article-lookup/doi/10.1210/en.2017-00409>

Wang Y, Wu RC, Shwartz LE, Haley L, Lin MT, Shih IM, Kurman RJ:

Clonality Analysis of Combined Brenner and Mucinous Tumours of the Ovary Reveals Their Monoclonal Origin

J Pathol. 2015 Jun 12. doi: 10.1002/path.4572.

<http://dx.doi.org/10.1002/path.4572>

Wang Z, Zhang L, He L, Cui D, Liu C, Yin L, Zhang M, Jiang L, Gong Y, Wu W, Liu B, Li X, Cram DS, Liu D:

Low-depth whole genome sequencing reveals copy number variations associated with higher pathologic grading and more aggressive subtypes of lung non-mucinous adenocarcinoma

Chin J Cancer Res. 2020 Jun;32(3):334-346. doi: 10.21147/j.issn.1000-9604.2020.03.05.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC32694898/>

Wei, M., Grushko, T.A., Dignam, J., Hagos, F., Nanda, R., Sveen, L., Xu, J., Fackenthal, J., Tretiakova, M., Das, S., and Olopade, O.I.:

BRCA1 promoter methylation in sporadic breast cancer is associated with reduced BRCA1 copy number and chromosome 17 aneusomy

Cancer Res 65(23): 10692-10699 (2005)

<http://cancerres.aacrjournals.org/content/65/23/10692.long>

Winslow S, Lindquist KE, Edsjö A, Larsson C:

The expression pattern of matrix-producing tumor stroma is of prognostic importance in breast cancer

BMC Cancer. 2016 Nov 4;16(1):841

<https://bmccancer.biomedcentral.com/articles/10.1186/s12885-016-2864-2>

Wilting SM, Snijders PJ, Verlaat W, Jaspers A, van de Wiel MA, van Wieringen WN, Meijer GA, Kenter GG, Yi Y, le Sage C, Agami R, Meijer CJ, Steenbergen RD:

Altered microRNA expression associated with chromosomal changes contributes to cervical carcinogenesis

Oncogene. 2012 Feb 13. doi: 10.1038/onc.2012.20.

<http://dx.doi.org/10.1038/onc.2012.20>

Worley MJ Jr, Liu S, Hua Y, Kwok JS, Samuel A, Hou L, Shoni M, Lu S, Sandberg EM, Keryan A, Wu D, Ng SK, Kuo WP, Parra-Herran CE, Tsui SK, Welch W, Crum C, Berkowitz RS, Ng SW:

Molecular changes in endometriosis-associated ovarian clear cell carcinoma

Eur J Cancer. 2015 Jun 6. pii: S0959-8049(15)00442-6. doi: 10.1016/j.ejca.2015.05.011.

[http://linkinghub.elsevier.com/retrieve/pii/S0959-8049\(15\)00442-6](http://linkinghub.elsevier.com/retrieve/pii/S0959-8049(15)00442-6)

Wouters J, Stas M, Govaere O, Barrette K, Dudek A, Vankelecom H, Haydu LE, Thompson JF, Scolyer RA, van den Oord JJ:

A novel hypoxia-associated subset of FN1highMITFlow melanoma cells: identification, characterization, and prognostic value

Mod Pathol. 2014 Jan 3. doi: 10.1038/modpathol.2013.228.

www.nature.com/modpathol/journal/vaop/ncurrent/full/modpathol2013228a.html

Wu F, Huang D, Wang L, Xu Q, Liu F, Ye X, Meng X, Du X:

92-Gene Molecular Profiling in Identification of Cancer Origin: A Retrospective Study in Chinese Population and Performance within Different Subgroups

PLoS One. 2012;7(6):e39320.

<http://dx.plos.org/10.1371/journal.pone.0039320>

Wu L, Xu X, Sharma B, Wang W, Qu X, Zhu L, Zhang H, Song Y, Yang C:

Beyond Capture: Circulating Tumor Cell Release and Single-Cell Analysis

Small Methods, 14 Feb 2019, <https://doi.org/10.1002/smt.201800544>

<https://onlinelibrary.wiley.com/doi/abs/10.1002/smt.201800544>

Wu RC, Wang P, Lin SF, Zhang M, Song Q, Chu T, Wang BG, Kurman RJ, Vang R, Kinzler K, Tomasetti C, Jiao Y, Shih IM, Wang TL:

Genomic landscape and evolutionary trajectories of ovarian cancer early precursor lesions

J Pathol. 2018 Dec 17. doi: 10.1002/path.5219.

<https://onlinelibrary.wiley.com/doi/abs/10.1002/path.5219>

Xiao, W., Zhang, Q., Jiang, F., Pins, M., Kozlowski, J.M., and Wang, Z.:

Suppression of prostate tumor growth by U19, a novel testosterone-regulated apoptosis inducer

Cancer Res 63(15): 4698-4704 (2003)

<http://cancerres.aacrjournals.org/content/63/15/4698.long>

Xu, A.M., Zhang, S.H., Zheng, J.M., Zheng, W.Q., and Wu, M.C.:

Pathological and molecular analysis of sporadic hepatic angiomyolipoma

Hum Pathol 37(6): 735-741 (2006)

<http://www.humanpathol.com/article/S0046-8177%2806%2900076-1/abstract>

Xu G, Li JY:

Differential expression of PDGFRB and EGFR in microvascular proliferation in glioblastoma

Tumour Biol. 2016 Feb 9.

<http://dx.doi.org/10.1007/s13277-016-4968-3>

Yafune A, Kawai M, Itahashi M, Kimura M, Nakane F, Mitsumori K, Shibutani M:

Global DNA methylation screening of liver in piperonyl butoxide-treated mice in a two-stage hepatocarcinogenesis model

Toxicol Lett. 2013 Aug 19. pii: S0378-4274(13)01278-2. doi: 10.1016/j.toxlet.2013.08.006.

<http://www.sciencedirect.com/science/article/pii/S0378427413012782>

Yamamoto K, Abe S, Honda A, Hashimoto J, Aizawa Y, Ishibashi S, Takemura T, Hanagata N, Yamamoto M, Miura O, Kurata M, Kitagawa M:

Fatty acid beta oxidation enzyme HADHA is a novel potential therapeutic target in malignant lymphoma

Lab Invest. 2019 Sep 16. doi: 10.1038/s41374-019-0318-6.

<https://www.nature.com/articles/s41374-019-0318-6>

Yamamoto S, Tsuda H, Suzuki K, Takano M, Tamai S, Matsubara O:

An allelotyping analysis indicating the presence of two distinct ovarian clear-cell carcinogenic pathways: endometriosis-associated pathway vs. clear-cell adenofibroma-associated pathway

Virchows Arch. 2009 Sep;455(3):261-70

<http://www.springerlink.com/content/ph8l21053g3w1p13/>

Yamashita S, Hattori N, Fujii S, Yamaguchi T, Takahashi M, Hozumi Y, Kogawa T, El-Omar O, Liu YY, Arai N, Mori A, Higashimoto H, Ushijima T, Mukai H:

Multi-omics analyses identify HSD17B4 methylation-silencing as a predictive and response marker of HER2-positive breast cancer to HER2-directed therapy

Sci Rep. 2020 Sep 23;10(1):15530. doi: 10.1038/s41598-020-72661-9.

<https://www.nature.com/articles/s41598-020-72661-9>

Yamazaki M, Kato A, Oki E, Zaito Y, Kato C, Nakano K, Nakamura M, Sakomura T, Kawai S, Fujii E, Sawada N, Watanabe T, Saeki H, Suzuki M:

Continuous formation of small clusters with LGR5-positive cells contributes to tumor growth in a colorectal cancer xenograft model

Lab Invest. 2020 Jul 29. doi: 10.1038/s41374-020-0471-y.

<https://www.nature.com/articles/s41374-020-0471-y>

Yancovitz M, Litterman A, Yoon J, Ng E, Shapiro RL, Berman RS, Pavlick AC, Darvishian F, Christos P, Mazumdar M, Osman I, Polsky D:

Intra- and Inter-Tumor Heterogeneity of BRAF^{V600E} Mutations in Primary and Metastatic Melanoma

PLoS ONE 7(1): e29336. doi:10.1371/journal.pone.0029336 (2012)

<http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0029336>

Yang J, Zhou Y, Ng SK, Huang KC, Ni X, Choi PW, Hasselblatt K, Muto MG, Welch WR, Berkowitz RS, Ng SW:

Characterization of MicroRNA-200 pathway in ovarian cancer and serous intraepithelial carcinoma of fallopian tube

BMC Cancer. 2017 Jun 17;17(1):422. doi: 10.1186/s12885-017-3417-z.

<https://bmccancer.biomedcentral.com/articles/10.1186/s12885-017-3417-z>

Yao H, Zhang Z, Xiao Z, Chen Y, Li C, Zhang P, Li M, Liu Y, Guan Y, Yu Y, Chen Z:

Identification of metastasis associated proteins in human lung squamous carcinoma using two-dimensional difference gel electrophoresis and laser capture microdissection

Lung Cancer. 2009 Jul;65(1):41-8. doi: 10.1016/j.lungcan.2008.10.024.

[http://linkinghub.elsevier.com/retrieve/pii/S0169-5002\(08\)00530-8](http://linkinghub.elsevier.com/retrieve/pii/S0169-5002(08)00530-8)

Yao J, Cui Q, Fan W, Ma Y, Chen Y, Liu T, Zhang X, Xi Y, Wang C, Peng L, Luo Y, Lin A, Guo W, Lin L, Lin Y, Tan W, Lin D, Wu C, Wang J:

Single-cell transcriptomic analysis in a mouse model deciphers cell transition states in the multistep development of esophageal cancer

Nat Commun. 2020 Jul 24;11(1):3715. doi: 10.1038/s41467-020-17492-y.

<https://www.nature.com/articles/s41467-020-17492-y.pdf>

Yao N, Jan YJ, Cheng S, Chen JF, Chung LW, Tseng HR, Posadas EM:

Structure and function analysis in circulating tumor cells: using nanotechnology to study nuclear size in prostate cancer

Am J Clin Exp Urol. 2018 Apr 1;6(2):43-54.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5902722/pdf/ajceu0006-0043.pdf>

Yardy GW, Bicknell DC, Wilding JL, Bartlett S, Liu Y, Winney B, Turner GD, Brewster SF, Bodmer WF:

Mutations in the AXIN1 Gene in Advanced Prostate Cancer

Eur Urol 56(3):486-94 (2009)

<http://www.europeanurology.com/article/S0302-2838%2808%2900638-6>

Yonemori H, Kubota D, Taniguchi H, Tsuda H, Fujita S, Murakami Y, and Kondo T:

Laser microdissection and two-dimensional difference gel electrophoresis with alkaline isoelectric point immobilized gel reveals proteomic intra-tumor heterogeneity in colorectal cancer

EuPA Open Proteomics, online 31 August 2013, ISSN 2212-9685,

<http://dx.doi.org/10.1016/j.euprot.2013.08.002>.

Yoshida N, Miyoshi H, Arakawa F, Nakashima K, Kawamoto K, Seto M, Ohshima K:

Cytokine-related genes play critical roles in extrafollicular growth of follicular lymphoma cells

Hematol Oncol. 2020 Aug 24. doi: 10.1002/hon.2795.

<https://onlinelibrary.wiley.com/doi/abs/10.1002/hon.2795>

Yuki A, Shinkuma S, Hayashi R, Fujikawa H, Kato T, Homma E, Hamade Y, Onodera O, Matsuoka M, Shimizu H, Iwata H, Abe R :

CADM1 is a diagnostic marker in early-stage mycosis fungoides: Multicenter study of 58 cases

J Am Acad Dermatol. 2018 Jun 18. pii: S0190-9622(18)32147-9. doi: 10.1016/j.jaad.2018.06.025.

[https://www.jaad.org/article/S0190-9622\(18\)32147-9/abstract](https://www.jaad.org/article/S0190-9622(18)32147-9/abstract)

Zammarchi, F., Pistello, M., Piersigilli, A., Murr, R., Di Cristofano, C., Naccarato, A.G., and Bevilacqua, G.:

MMTV-like sequences in human breast cancer: a fluorescent PCR/laser microdissection approach

J Pathol 209(4): 436-444 (2006)

<http://onlinelibrary.wiley.com/doi/10.1002/path.1997/full>

Zavattari P, Perra A, Menegon S, Kowalik MA, Petrelli A, Angioni MM, Follenzi A, Quagliata L, Ledda-Columbano GM, Terracciano L, Giordano S, Columbano A:

Nrf2, but not β -catenin, mutation represents an early event in rat hepatocarcinogenesis

Hepatology. 2015 Mar 17. doi: 10.1002/hep.27790.

<http://dx.doi.org/10.1002/hep.27790>

Zen C, Zen Y, Mitry RR, Corbeil D, Karbanová J, O'Grady J, Karani J, Kane P, Heaton N, Portmann BC, Quaglia A:

Mixed phenotype hepatocellular carcinoma after transarterial chemoembolization and liver transplantation

Liver Transpl. 2011 Aug;17(8):943-54

<http://onlinelibrary.wiley.com/doi/10.1002/lt.22314/abstract>

Zen Y, Britton D, Mitra V, Brand A, Jung S, Loessner C, Ward M, Pike I, Heaton N, Quaglia A:

Protein expression profiles of chemo-resistant mixed phenotype liver tumors using laser microdissection and LC-MS/MS proteomics

EuPA Open Proteomics, Available online 16 November 2013, ISSN 2212-9685

<http://dx.doi.org/10.1016/j.euprot.2013.10.001>

Zhang C, Arentz G, Winderbaum L, Lokman NA, Klingler-Hoffmann M, Mittal P, Carter C, Oehler MK, Hoffmann P:

MALDI Mass Spectrometry Imaging Reveals Decreased CK5 Levels in Vulvar Squamous Cell Carcinomas Compared to the Precursor Lesion Differentiated Vulvar Intraepithelial Neoplasia

Int J Mol Sci. 2016 Jul 8;17(7). pii: E1088. doi: 10.3390/ijms17071088.

<http://www.mdpi.com/resolver?pii=ijms17071088>

Zhang C, Zhang L, Xu T, Xue R, Yu L, Zhu Y, Wu Y, Zhang Q, Li D, Shen S, Tan D, Bai F, Zhang H:

Mapping the spreading routes of lymphatic metastases in human colorectal cancer

Nat Commun. 2020 Apr 24;11(1):1993. doi: 10.1038/s41467-020-15886-6.

<https://www.nature.com/articles/s41467-020-15886-6.pdf>

Zhang HL, Liu CY, Ma W, Huang L, Li CJ, Li CS, Zhang ZW:

Identification of differentially expressed proteins in the gastric mucosal atypical hyperplasia tissue microenvironment

Oncol Lett. 2018 Aug;16(2):2355-2365. doi: 10.3892/ol.2018.8941.

<https://www.spandidos-publications.com/ol/16/2/2355>

Zhang L, Hu S, Korteweg C, Chen Z, Qiu Y, Su M, Gu J:

Expression of immunoglobulin G in esophageal squamous cell carcinomas and its association with tumor grade and Ki67

Hum Pathol. 2011 Aug 18; PMID: 21855109

<http://www.sciencedirect.com/science/article/pii/S0046817711002462>

Zhang M, He Y, Sun X, Li Q, Wang W, Zhao A, Di W:

A high M1/M2 ratio of tumor-associated macrophages is associated with extended survival in ovarian cancer patients

J Ovarian Res. 2014 Feb 8;7(1):19.

<http://www.ovarianresearch.com/content/7/1/19>

Zhang M, Zhuang G, Sun X, Shen Y, Wang W, Li Q, Di W:

TP53 mutation-mediated genomic instability induces the evolution of chemoresistance and recurrence in epithelial ovarian cancer

Diagn Pathol. 2017 Feb 2;12(1):16. doi: 10.1186/s13000-017-0605-8.

<https://diagnosticpathology.biomedcentral.com/articles/10.1186/s13000-017-0605-8>

Zhang, Q., Rubenstein, J.N., Jang, T.L., Pins, M., Javonovic, B., Yang, X., Kim, S.J., Park, I., and Lee, C.:
Insensitivity to transforming growth factor-beta results from promoter methylation of cognate receptors in human prostate cancer cells (LNCaP)

Mol Endocrinol 19(9): 2390-2399 (2005)

<http://mend.endojournals.org/cgi/content/full/19/9/2390>

Zhang S, Dolgalev I, Zhang T, Ran H, Levine DA, Neel BG:

Both fallopian tube and ovarian surface epithelium are cells-of-origin for high-grade serous ovarian carcinoma

Nat Commun. 2019 Nov 26;10(1):5367. doi: 10.1038/s41467-019-13116-2.

<https://www.nature.com/articles/s41467-019-13116-2>

Zhang W, Fan S, Zou G, Shi L, Zeng Z, Ma J, Zhou Y, Li X, Zhang X, Li X, Tan M, Xiong W, Li G:
Lactotransferrin could be a novel independent molecular prognosticator of nasopharyngeal carcinoma

Tumour Biol. 2014 Oct 7.

<http://link.springer.com/article/10.1007/s13277-014-2650-1>

Zhang W, Zeng Z, Fan S, Wang J, Yang J, Zhou Y, Li X, Huang D, Liang F, Wu M, Tang K, Cao L, Li X, Xiong W, Li G:

Evaluation of the prognostic value of TGF- β superfamily type I receptor and TGF- β type II receptor expression in nasopharyngeal carcinoma using high-throughput tissue microarrays

J Mol Histol. 2012 Mar 6. [Epub ahead of print]

<http://dx.doi.org/10.1007/s10735-012-9392-4>

Zhang W, Zeng Z, Wei F, Chen P, Schmitt DC, Fan S, Guo X, Liang F, Shi L, Liu Z, Zhang Z, Xiang B, Zhou M, Huang D, Tang K, Li X, Xiong W, Tan M, Li G, Li X:

SPLUNC1 is associated with nasopharyngeal carcinoma prognosis and plays an important role in ATRA-induced growth inhibition and differentiation in nasopharyngeal cancer cells

FEBS J. 2014 Aug 27. doi: 10.1111/febs.13020.

<http://dx.doi.org/10.1111/febs.13020>

Zheng Q, Capell B, Parekh V, O'Day C, Atillasoy C, Bashir HM, Yeh C, Shim EH, Prouty SM, Dentchev T, Lee V, Wushanley L, Kweon Y, Suzuki-Horiuchi Y, Pear W, Grice EA, Seykora JT:

Whole exome and transcriptome analysis of UV-exposed epidermis and carcinoma in situ reveals early drivers of carcinogenesis

J Invest Dermatol. 2020 Jul 7:S0022-202X(20)31736-X. doi: 10.1016/j.jid.2020.05.116.

<https://www.sciencedirect.com/science/article/abs/pii/S0022202X2031736X>

Zhou J, Zheng W, Cao L, Liu M, Han F, Li A:

Antiangiogenic tumor treatment: noninvasive monitoring with contrast pulse sequence imaging for contrast-enhanced grayscale ultrasound

Acad Radiol. 2010 May;17(5):646-51

<http://www.academicradiology.org/article/S1076-6332%2810%2900058-9/abstract>

Zhu J, Wang Y, Gong L, Huang G

Diagnosis of primary pulmonary T- cell/histiocyte-rich large B cell lymphoma with tissue eosinophilia via clinicopathological observation and molecular assay

Diagn Pathol. 2014 Oct 2;9(1):188.

<http://www.diagnosticpathology.org/content/pdf/s13000-014-0188-6.pdf>

Zhu P, Ning Y, Yao L, Chen M, Xu C:

The proliferation, apoptosis, invasion of endothelial-like epithelial ovarian cancer cells induced by hypoxia

J Exp Clin Cancer Res. 2010 Sep 10;29:124. doi: 10.1186/1756-9966-29-124.

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC20831794/>

Zhu S, Wang Z, Zhang Z, Wang J, Li Y, Yao L, Mei Q, Zhang W:

PTPLAD2 is a tumor suppressor in esophageal squamous cell carcinogenesis

FEBS Lett. 2014 Feb 13. pii: S0014-5793(14)00101-X. doi: 10.1016/j.febslet.2014.01.058

<http://www.sciencedirect.com/science/article/pii/S001457931400101X>

Zhou Y, Liao Q, Li X, Wang H, Wei F, Chen J, Yang J, Zeng Z, Guo X, Chen P, Zhang W, Tang K, Li X, Xiong W, Li G:

HYOU1, Regulated by LPLUNC1, Is Up-Regulated in Nasopharyngeal Carcinoma and Associated with Poor Prognosis

Journal of Cancer 2016, 7(4): 367-376. doi: 10.7150/jca.13695

<http://jccancer.org/v07p0367.pdf>

Zhu Y, Zou C, Zhang J, Jiang W, Guan F, Tang K, Li S, Li G, Wang J, Ke Z:

Dynamically Monitoring the Clonal Evolution of Lung Cancer Based on the Molecular Characterization of Circulating Tumor Cells using Aptamer Cocktail-Modified Nanosubstrates

ACS Appl Mater Interfaces. 2020 Jan 15. doi: 10.1021/acsami.9b22234.

<https://dx.doi.org/10.1021/acsami.9b22234>

Zhu Z, Wang W, Lin F, Jordan T, Li G, Silverman S, Qiu S, Joy AA, Chen C, Hockley DL, Zhang X, Zhou Q, Postovit LM, Zhang X, Hou Y, Mackey JR, Li B, Ka-Shu Wong G:

Genome profiles of lymphovascular breast cancer cells reveal multiple clonally differentiated outcomes with multi-regional LCM and G&T-seq

bioRxiv 807156; doi: <https://doi.org/10.1101/807156>

<https://www.biorxiv.org/content/10.1101/807156v2>

Zimmerman M, Lestner J, Prideaux B, O'Brien P, Freedman I, Chen C, Dietzold J, Daudelin I, Kaya F, Blanc L, Chen PY, Park S, Salgame P, Sarathy J, Dartois V:

Ethambutol partitioning in tuberculous pulmonary lesions explains its clinical efficacy

Antimicrob Agents Chemother. 2017 Jul 10. pii: AAC.00924-17. doi: 10.1128/AAC.00924-17.

<http://aac.asm.org/content/early/2017/07/04/AAC.00924-17.full.pdf>

Zong L1, Hattori N, Yoda Y, Yamashita S, Takeshima H, Takahashi T, Maeda M, Katai H, Nanjo S, Ando T, Seto Y, Ushijima T:

Establishment of a DNA methylation marker to evaluate cancer cell fraction in gastric cancer

Gastric Cancer. 2015 Feb 13.

<http://dx.doi.org/10.1007/s10120-015-0475-2>

Zuo J, Wen M, Lei M, Peng X, Yang X, Liu Z:

MiR-210 Links Hypoxia with Cell Proliferation Regulation in Human Laryngocarcinoma Cancer

Journal of Cellular Biochemistry, 2014 Dec 18, DOI 10.1002/jcb.25059

<http://onlinelibrary.wiley.com/doi/10.1002/jcb.25059/abstract>

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