

BBRS/TTR Biospecimen Supported Publications

Date Published	Article Title	Author(s)	Reference
19-Dec-22	CLIC-01: Manufacture and distribution of non-cryopreserved CAR-T cells for patients with CD19 positive hematologic malignancies	Natasha Kekre ^{1,2*†} , Kevin A. Hay ^{3,4,5†} , John R. Webb ⁶ , Ranjeeta Mallick ¹ , Miruna Balasundaram ⁷ , Mhairi K. Sigrist ⁴ , Anne-Marie Clement ^{1,2} , Julie S. Nielsen ⁶ , Jennifer Quizi ^{8,9} , Eric Yung ⁷ , Scott D. Brown ⁷ , Lisa Dreolini ⁷ , Daniel D. Waller ⁴ , Julian Smazynski ⁶ , Nicole S. Gierc ⁶ , Bianca C. Loveless ⁶ , Kayla Clark ⁶ , Tyler Dyer ⁶ , Richard Hogg ⁶ , Leah McCormick ⁶ , Michael Gignac ⁶ , Shanti Bell ⁶ , D. Maria Chapman ⁶ , David Bond ⁶ , Siao Yong ⁶ , Rachel Fung ⁶ , Heather M. Lockyer ⁶ , Victoria Hodgson ⁶ , Catherine Murphy ⁶ , Ana Subramanian ⁶ , Evelyn Wiebe ⁶ , Piriya Yoganathan ^{8,9} , Liana Medynski ⁸ , Dominique C. Vaillan ^{8,9} , Alice Black ² , Sheryl McDiarmid ² , Michael Kennah ² , Linda Hamelin ² , Kevin Song ⁵ , Sujaatha Narayanan ^{3,5} , Judith A. Rodrigo ⁵ , Stefany Dupont ¹ , Terry Hawrysh ¹ , Justin Presseau ^{1,10} , Kednapa Thavorn ^{1,10} , Manoj M. Lalu ¹ , Dean A. Fergusson ^{1,10} , John C. Bell ^{8,9} , Harold Atkins ^{2,8,11} , Brad H. Nelson ^{6,12,13} and Robert A. Holt	Front Immunol. 2022 Dec 19;13:1074740. doi:10.3389/fimmu.2022.1074740. eCollection 2022.
19-Aug-22	Principles of reproducible metabolite profiling of enriched lymphocytes in tumors and ascites from human ovarian cancer	Marisa K. Kilgour ^{1,2,9} , Sarah MacPherson ^{2,9} , Lauren G. Zacharias ³ , Jodi LeBlanc ^{2,4} , Sindy Babinszky ^{2,4} , Gabrielle Kowalchuk ^{1,2} , Scott Parks ^{2,5} , Ryan D. Sheldon ^{6,7} , Russell G. Jones ^{6,7} , Ralph J. DeBerardinis ^{3,8} , Phineas T. Hamilton ^{1,2} , Peter H. Watson ^{2,4} and Julian J. Lum ^{1,2✉}	Kilgour, M.K., MacPherson, S., Zacharias, L.G. et al. Principles of reproducible metabolite profiling of enriched lymphocytes in tumors and ascites from human ovarian cancer. Nat Protoc 17, 2668–2698 (2022). https://doi.org/10.1038/s41596-022-00729-z
4-Aug-21	Germinal center hypoxia in tumor-draining lymph nodes negatively regulates tumor-induced humoral immune responses in mouse models of breast cancer	Natalie S Firmino ^{a,b} , Rachel A Cederberga ^b , Che-Min Leea ^c , Rocky Shia ^c , Brennan J Wadsworth ^{a,b} , S Elizabeth Franksa ^a , Kiersten N Thomasa ^c , Lisa R Decotreta ^b , and Kevin L Bennewitha ^{b,c}	Oncoimmunology. 2021 Aug 4;10(1):1959978. doi:10.1080/2162402X.2021.1959978. eCollection 2021.
15-Jul-21	Single-cell Profiles and Prognostic Impact of Tumor-Infiltrating Lymphocytes Coexpressing CD39, CD103, and PD-1 in Ovarian Cancer	Celine M. Laumont ^{1,2} , Maartje C.A. Wouters ¹ , Julian Smazynski ^{1,3} , Nicole S. Gierc ¹ , Elizabeth A. Chavez ⁴ , Lauren C. Chong ⁴ , Shelby Thornton ¹ , Katy Milne ¹ , John R. Webb ^{1,3} , Christian Steidl ^{4,5} , and Brad H. Nelson ^{1,2,3}	Clin Cancer Res. 2021 Jul 15;27(14):4089-4100. doi:10.1158/1078-0432.CCR-20-4394. Epub 2021 May 7.

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1-Feb-21	Co-expression patterns of chimeric antigen receptor (CAR)-T cell target antigens in primary and recurrent ovarian cancer	Allyson C. Banville a,b , Maartje C.A. Wouters a , Ann L. Oberge , Krista M. Goergen e , Matthew J. Maurer e , Katy Milne a , Jahanshah Ashkani f , Emma Field a , Chanel Ghesquiere a , Steven J.M. Jones f , Matthew S. Block g , Brad H. Nelson	Gynecol Oncol.2021 Feb;160(2):520-529. doi:10.1016/j.ygyno.2020.12.005.Epub 2020 Dec 17.
20-Jan-21	1-Methylnicotinamide is an immune regulatory metabolite in human ovarian cancer	Marisa K. Kilgour1,2, Sarah MacPherson2, Lauren G. Zacharias3, Abigail E. Ellis4, Ryan D. Sheldon4, Elaine Y. Liu2, Sarah Keyes1, Brenna Pauly1, Gillian Carleton1,2, Bertrand Allard5,6,7, Julian Smazynski1,2, Kelsey S. Williams4, Peter H. Watson2,8, John Stagg5,6,7, Brad H. Nelson1,2,9, Ralph J. DeBerardinis3,10, Russell G. Jones4, Phineas T. Hamilton2*, Julian J. Lum	Sci Adv. 2021 Jan 20;7(4):eabe1174. doi: 10.1126/sciadv.abe1174. Print 2021 Jan.
1-Jul-20	The immune suppressive factors CD155 and PD-L1 show contrasting expression patterns of immune correlates in ovarian and other cancers	Julian Smazynsk, iPhineas T. Hamilton, Shelby Thornton, Katy Milne, Maartje C.A. Wouters, John R. Webb, Brad H. Nelson	Gynecol Oncol. 2020 Jul;158(1):167-177.doi:10.1016/j.ygyno.2020.02.689. Epub 2020 May 20.
28-Nov-19	Epithelial tumor suppressor ELF3 is a lineage-specific amplified oncogene in lung adenocarcinoma	Katey S.S. Enfield 1 *, Erin A. Marshall 1 , Christine Anderson1 , Kevin W. Ng1 , Sara Rahmati 2, Zhaolin Xu3, Megan Fuller 1 , Katy Milne4, Daniel Lu1 , Rocky Shi1 , David A. Rowbotham1 , Daiana D. Becker-Santos1 , Fraser D. Johnson1 , John C. English5, Calum E. MacAulay1 , Stephen Lam1 , William W. Lockwood1 , Raj Chari6, Aly Karsan 1 , Igor Jurisica7 & Wan L. Lam	Nat Commun.2019 Nov 28;10(1):5438.doi: 10.1038/s41467-019-13295-y.
27-Mar-18	Characteristics and outcome of the COEUR Canadian validation cohort for ovarian cancer biomarkers	Cécile Le Page1 , Kurosh Rahimi1,2, Martin Köbel3 , Patricia N. Tonin4 , Liliane Meunier1 , Lise Portelance1 , Monique Bernard1 , Brad H. Nelson5 , Marcus Q. Bernardini6 , John M. S. Bartlett7 , Dimcho Bachvarov8 , Walter H. Gotlieb9 , Blake Gilks10,11, Jessica N. McAlpine10, Mark W. Nachtigal12, Alain Piché13, Peter H. Watson5 , Barbara Vanderhyden14,15, David G. Huntsman10,11, Diane M. Provencher1,16 and Anne-Marie Mes-Masson	BMC Cancer. 2018 Mar 27;18(1):347.doi:10.1186/s12885-018-4242-8.

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21-Sep-17	A library-based screening method identifies neoantigen-reactive T cells in peripheral blood prior to relapse of ovarian cancer	Spencer D. Martin, Darin A. Wick, Julie S. Nielsen, Nicole Little, Robert A. Holt, Brad H. Nelson.	Oncoimmunology, 2018; 7(1): e1371895. Published online 2017 Sep 21. PMID: 29296522
1-May-17	PD-L1 and intratumoral immune response in breast cancer	Wang ZQ, Milne K, Derocher H, Webb JR, Nelson BH, Watson PH	Oncotarget. 2017 May 30. doi: 10.18632/oncotarget.18305. [Epub ahead of print]
15-Jun-16	A survey of Fusobacterium nucleatum genes modulated by host cell infection	Kyla Cochrane ^{1,2} , Avery V. Robinson ² , Robert A. Holt ^{3,4,5} and Emma Allen-Vercoe ^{2, *}	Microb Genom. 2020 Feb; 6(2):e000300. doi:10.1099/mgen0.000300.Epub 2019 Oct 29
13-Jan-16	Tumor infiltrating plasma cells are associated with tertiary lymphoid structures, cytolytic T cell responses, and superior prognosis in ovarian cancer	David R. Kroeger, , Katy Milne, and Brad H. Nelson	Clin Cancer Res. 2016 Jan 13. pii: clincanres.2762.2015. [Epub ahead of print]
28-Aug-15	Genome-driven integrated classification of breast cancer validated in over 7,500 samples	H Raza Ali, Oscar M Rueda, Suet-Feung Chin, Christina Curtis, Mark J Dunning, Samuel AJR Aparicio, and Carlos Caldas	Genome Biol. 2014; 15(8): 431. Published online 2014 Aug 28. doi: 10.1186/s13059-014-0431-1
1-Aug-15	PD-1 and CD103 Are Widely Coexpressed on Prognostically Favorable Intraepithelial CD8 T Cells in Human Ovarian Cancer	Webb JR, Milne K, Nelson BH.	Cancer immunology research. 2015; 3(8):926-35.
6-May-15	Microtubule affinity-regulating kinase 2 contributes to cisplatin sensitivity through modulation of the DNA damage response in non-small cell lung cancer	Hubaux R, Thu KL, Vucic EA, Pikor LA, Kung SHY, Martinez VD, Mosslemi M, Becker-Santos DD, Gazdar AF, Lam S, Lam WL	International Journal of Cancer, 11/2015, Volume 137, Issue 9
5-Mar-15	Activation of an endogenous retrovirus-associated long non-coding RNA in human adenocarcinoma.	Gibb EA, Warren RL, Wilson GW, Brown SD, Robertson GA, Morin GB, Holt RA.	Genome Med. 2015 Mar 5;7(1):22. doi: 10.1186/s13073-015-0142-6. eCollection 2015. PMID: 25821520
1-Mar-15	CD25 identifies a subset of CD4 ⁺ FoxP3 ⁻ TIL that are exhausted yet prognostically favorable in human ovarian cancer	deLeeuw RJ, Kroeger DR, Kost SE, Chang PP, Webb JR, and Nelson, BH	Cancer immunology research. 2015; 3(3):245-53.

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1-Feb-15	Intratumoural inflammation and endocrine resistance in breast cancer.	Murray JI, West NR, Murphy LC, Watson PH.	Endocr Relat Cancer. 2015 Feb;22(1):R51-67. doi: 10.1530/ERC-14-0096. Epub 2014 Nov 17.
9-Jan-15	BCL11A is a triple-negative breast cancer gene with critical functions in stem and progenitor cells	Walid T. Khaled,a,1,2,10 Song Choon Lee,1,10 John Stingl,3 Xiongfeng Chen,4 H. Raza Ali,3,5 Oscar M. Rueda,3 Fazal Hadi,2 Juexuan Wang,1 Yong Yu,1 Suet-Feung Chin,3 Mike Stratton,1 Andy Futreal,1 Nancy A. Jenkins,6 Sam Aparicio,7 Neal G. Copeland,6 Christine J. Watson,8 Carlos Caldas,3,5,9 and Pentao Liub,1	Nat Commun. 2015 Jan 9; 6: 5987. Published online 2015 Jan 9. doi: 10.1038/ncomms6987
9-Jan-15	A co-culture genome-wide RNAi screen with mammary epithelial cells reveals transmembrane signals required for growth and differentiation.	Burleigh A, McKinney S, Brimhall J, Yap D, Eirew P, Poon S, Ng V, Wan A, Prentice L, Annab L, Barrett J, Caldas C, Eaves C, Aparicio S	Breast Cancer Res. 2015 Jan 9;17(1):4. [Epub ahead of print]PMID: 25572802
1-Jan-15	A tumor DNA complex aberration index is an independent predictor of survival in breast and ovarian cancer.	Vollan HK, Rueda OM, Chin SF, Curtis C, Turashvili G, Shah S, Lingjærde OC, Yuan Y, Ng CK, Dunning MJ, Dicks E, Provenzano E, Sammut S, McKinney S, Ellis IO, Pinder S, Purushotham A, Murphy LC, Kristensen VN; METABRIC Group, Brenton JD, Pharoah PD, Børresen-Dale AL, Aparicio S, Caldas C	Mol Oncol. 2015 Jan;9(1):115-27. doi: 10.1016/j.molonc.2014.07.019. Epub 2014 Aug 8. PMID: 25169931
23-Dec-14	DNA barcoding reveals diverse growth kinetics of human breast tumour subclones in serially passaged xenografts. Nature communications	Nguyen LV, Cox CL, Eirew P, Knapp DJ, Pellacani D, Kannan N, Carles A, Moksa M, Balani S, Shah S, Hirst M, Aparicio S, Eaves CJ. Nat Commun. 2014 Dec 23;5:5871. doi: 10.1038/ncomms6871. PMID:25532760	Nat Commun. 2014 Dec 23;5:5871. doi: 10.1038/ncomms6871. PMID: 25532760
4-Sep-14	EYA4 is inactivated biallelically at a high frequency in sporadic lung cancer and is associated with familial lung cancer risk	I.M. Wilson, E.A. Vucic, K.S.S. Enfield, K.L. Thu, Y.A. Zhang and R. Chari	Oncogene. 33.36 (Sept. 4, 2014): p4464. DOI: http://dx.doi.org.ezproxy.library.ubc.ca/10.1038/onc.2013.396
1-Sep-14	A search for novel cancer/testis antigens in lung cancer identifies VCX/Y genes, expanding the repertoire of potential immunotherapeutic targets.	Taguchi A, Taylor AD, Rodriguez J, Celiktaş M, Liu H, Ma X, Zhang Q, Wong CH, Chin A, Girard L, Behrens C, Lam WL, Lam S, Minna JD, Wistuba II, Gazdar AF, Hanash SM.	Cancer Res. 2014 Sep 1;74(17):4694-705. doi: 10.1158/0008-5472.CAN-13-3725. Epub 2014 Jun 26. PMID: 24970476
28-Aug-14	Genome-driven integrated classification of breast cancer validated in over 7,500 samples.	Ali HR, Rueda OM, Chin SF, Curtis C, Dunning MJ, Aparicio SA, Caldas C.	Genome Biol. 2014 Aug 28;15(8):431. doi: 10.1186/s13059-014-0431-1. PMID: 25164602

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1-Jul-14	TP53 mutation spectrum in breast cancer is subtype specific and has distinct prognostic relevance.	Silwal-Pandit L, Vollan HK, Chin SF, Rueda OM, McKinney S, Osako T, Quigley DA, Kristensen VN, Aparicio S, Børresen-Dale AL, Caldas C, Langerød A.	Clin Cancer Res. 2014 Jul 1;20(13):3569-80. doi: 10.1158/1078-0432.CCR-13-2943. Epub 2014 May 6. PMID: 24803582
1-Jun-14	Pre-profiling factors influencing serum microRNA levels	MacLellan SA, MacAulay C, Lam S, Garnis C	BMC Clin Pathol. 2014 Jun 21;14:27. doi: 10.1186/1472-6890-14-27. eCollection 2014.
1-Mar-14	Surveillance of the tumor mutanome by T cells during progression from primary to recurrent ovarian cancer.	Wick DA1, Webb JR, Nielsen JS, Martin SD, Kroeger DR, Milne K, Castellarin M, Twumasi-Boateng K, Watson PH, Holt RA, Nelson BH.	Clin Cancer Res. 2014 Mar 1;20(5):1125-34. doi: 10.1158/1078-0432.CCR-13-2147. Epub 2013 Dec 9.
15-Jan-14	Tumor-infiltrating lymphocytes expressing the tissue resident memory marker CD103 are associated with increased survival in high-grade serous ovarian cancer	Webb JR1, Milne K, Watson P, Deleeuw RJ, Nelson BH.	Clin Cancer Res. 2014 Jan 15;20(2):434-44. doi: 10.1158/1078-0432.CCR-13-1877. Epub 2013 Nov 4.
15-Dec-13	YEATS4 Is a Novel Oncogene Amplified in Non-Small Cell Lung Cancer That Regulates the p53 Pathway.	Pikor LA, Lockwood WW, Thu KL, Vucic EA, Chari R, Gazdar AF, Lam S, Lam WL.	Cancer Res. 2013 Dec 15;73(24):7301-12. doi: 10.1158/0008-5472.CAN-13-1897. Epub 2013 Oct 29. PMID: 24170126
7-Oct-13	EYA4 is inactivated biallelically at a high frequency in sporadic lung cancer and is associated with familial lung cancer risk.	Wilson IM, Vucic EA, Enfield KS, Thu KL, Zhang YA, Chari R, Lockwood WW, Radulovich N, Starczynowski DT, Banáth JP, Zhang M, Pusic A, Fuller M, Lonergan KM, Rowbotham D, Yee J, English JC, Buys TP, Selamat SA, Laird-Offringa IA, Liu P, Anderson M, You M, Tsao MS, Brown CJ, Bennewith KL, Macaulay CE, Karsan A, Gazdar AF, Lam S, Lam WL.	Oncogene. 2013 Oct 7. doi: 10.1038/onc.2013.396. [Epub ahead of print]. PMID: 24096489
1-Sep-13	Mucinous Response Following Preoperative Bevacizumab, Capecitabine, Oxaliplatin, and Radiation is a Diagnostic Pitfall in Assessment of Tumor Type, Regression Grade, and Stage in Patients With Locally Advanced Low Rectal Cancer	Ananta Gurung MD, Stephen Yip MD, Hagen Kennecke MD, Chen Zhou MD	AMERICAN JOURNAL OF CLINICAL PATHOLOGY, 09/2013, Volume 140 DOI: http://dx.doi.org/10.1093/ajcp/140.suppl1.027 A027 First published online: 1 September 2013

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14-Aug-13	Signatures of mutational processes in human cancer.	Ludmil B. Alexandrov,1 Serena Nik-Zainal,1, 2 David C. Wedge,1 Samuel A. J. R. Aparicio,3, 4, 5 Sam Behjati,1, 6 Andrew V. Biankin,7, 8, 9, 10, 11 Graham R. Bignell,1 Niccolò Bolli,1, 12, 13 Ake Borg,14 Anne-Lise Børresen-Dale,15, 16 Sandrine Boyault,17 Birgit Burkhardt,18, 19 Adam P. Butler,1 Carlos Caldas,20 Helen R. Davies,1 Christine Desmedt,21 Roland Eils,22 Jónunn Erla Eyfjörð,23 John A. Foekens,24 Mel Greaves,25 Fumie Hosoda,26 Barbara Hutter,22 Tomislav Illic,1 Sandrine Imbeaud,27, 28 Marcin Imielinski,29 Natalie Jäger,22 David T. W. Jones,30 David Jones,1 Stian Knappskog,31, 32 Marcel Kool,30 Sunil R. Lakhani,33 Carlos López-Otín,34 Sancha Martin,1 Nikhil C. Munshi,35, 36 Hiromi Nakamura,26 Paul A. Northcott,30 Marina Pajic,7 Elli Papaemmanuil,1 Angelo Paradiso,37 John V. Pearson,38 Xose S. Puente,34 Keiran Raine,1 Manasa Ramakrishna,1 Andrea L. Richardson,39, 40, 41 Julia Richter,42 Philip Rosenstiel,43 Matthias Schlesner,22 Ton N. Schumacher,44 Paul N. Span,45 Jon W. Teague,1 Yasushi Totoki,26 Andrew N. J. Tutt,46 Rafael Valdés-Mas,34 Marit M. van Buuren,44 Laura van 't Veer,47 Anne Vincent-Salomon,48 Nicola Waddell,38 Lucy R. Yates,1 Australian Pancreatic Cancer Genome Initiative, ICGC Breast Cancer Consortium, ICGC MML-Seq Consortium, ICGC PedBrain, Jessica Zucman-Rossi,27, 28 P. Andrew Futreal,1 Ultan McDermott,1 Peter Lichter,49 Matthew Meyerson,29, 39, 40 Sean M. Grimmond,38 Reiner Siebert,42 Elías Campo,50 Tatsuhiro Shibata,26 Stefan M. Pfister,30, 51 Peter J. Campbell,1, 12, 13 & Michael R. Stratton1	Nature 500, 415-421 (22 Aug 2013) doi: 10.1038/nature12477
1-Apr-13	Oncostatin-M promotes phenotypic changes associated with mesenchymal and stem cell- like differentiation in breast cancer.	West NR, Murray J, Watson PH	Oncogene , (15 April 2013) doi:10.1038/onc.2013.105
1-Mar-13	Nucleophosmin 1, upregulated in adenomas and cancers of the colon, inhibits p53-mediated cellular senescence.	John C.T. Wong, Mohammad R. Hasan, Mahbuba Rahman, Angel C. Yu, Simon K. Chan, David F. Schaeffer, Hagen F. Kennecke, Howard J. Lim, David Owen, Isabella T. Tai	Int J Cancer. 2013 Mar 28. doi: 10.1002/ijc.28180

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1-Dec-12	DriverNet: uncovering the impact of somatic driver mutations on transcriptional networks in cancer.	Bashashati A, Haffari G, Ding J, Ha G, Lui K, Rosner J, Huntsman D, Caldas C, Aparicio S, Shah SP.	Genome Biology. 2012 Dec 26, 13(12):R124. doi:10.1186/gb-2012-13-12-r12
1-Dec-12	Derivation of HLA types from shotgun sequence datasets.	Warren RL, Choe G, Freeman DJ, Castellarin M, Munro S, Moore R, Holt RA.	Genome Medicine. 2012 Dec 10;4(12):95
1-Nov-12	Tumour-infiltrating FOXP3(+) lymphocytes are associated with cytotoxic immune responses and good clinical outcome in oestrogen receptor-negative breast cancer.	West NR, Kost SE, Martin SD, Milne K, Deleeuw RJ, Nelson BH, Watson PH	Br J Cancer. 2012 Nov 20. doi: 10.1038/bjc.2012.524. [Epub ahead of print] PMID: 23169287
1-Nov-12	Ovarian cancer ascites increase Mcl-1 expression in tumor cells through ERK1/2-Elk-1 signaling to attenuate TRAIL-induced apoptosis.	Nadzeya Goncharenko-Khaider, Isabelle Matte, Denis Lane, Claudine Rancourt, Alain Piché.	Molecular Cancer, 2012, 11:84 doi:10.1186/1476-4598-11-84
1-Nov-12	Quantitative Image Analysis of Cellular Heterogeneity in Breast Tumors Complements Genomic Profiling	Yuan, Y (Yuan, Y.); Failmezger, H (Failmezger, H.); Rueda, OM (Rueda, O. M.); Ali, HR (Ali, H. R.); Graf, S (Graef, S.); Chin, SF (Chin, S. -F.); Schwarz, RF (Schwarz, R. F.); Curtis, C (Curtis, C.); Dunning, MJ (Dunning, M. J.); Bardwell, H (Bardwell, H.); Johnson, N (Johnson, N.); Doyle, S (Doyle, S.); Turashvili, G (Turashvili, G.); Provenzano, E (Provenzano, E.); Aparicio, S (Aparicio, S.); Caldas, C (Caldas, C.); Markowitz, F (Markowitz, F.)	SCIENCE TRANSLATIONAL MEDICINE 4:(161) 161er6 DOI: 10.1126/scitranslmed.3005298 NOV 21 2012
1-Sep-12	Clonal evolution of high-grade serous ovarian carcinoma from primary to recurrent disease.	Castellarin M, Milne K, Zeng T, Tse K, Mayo M, Zhao Y, Webb JR, Watson PH, Nelson BH, Holt RA.	J Pathol . 2012 Sep 21. doi: 10.1002/path.4105. [Epub ahead of print]. PMID: 22996961
1-Aug-12	The Autophagy Protein LC3A Correlates with Hypoxia and is a Prognostic Marker of Patient Survival in Clear Cell Ovarian Cancer.	Spowart JE, Townsend KN, Huwait H, Eshragh S, West NR, Ries JN, Kalloger S, Anglesio M, Gorski SM, Watson PH, Gilks CB, Huntsman DG, Lum JJ.	J Pathol. 2012 Aug 27. doi: 10.1002/path.4090. [Epub ahead of print] PMID:22926683
1-Jul-12	Targeting p90 ribosomal S6 kinase (RSK) eliminates tumor-initiating cells by inactivating Y-box binding protein-1 (YB-1) in triple-negative breast cancers.	Anna L. Stratford, Kristen Reipas, Kaiji Hu, Abbas Fotovoti, Peter Watson and Sandra E. Dunn.	Stem Cells. 2012, Jul;30(7):1338-48. PMID: 22674792 [Impact factor 7.9]

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1-Jul-12	Genome-scale analysis of DNA methylation in lung adenocarcinoma and integration with mRNA expression.	Selamat SA, Chung BS, Girard L, Zhang W, Zhang Y, Campan M, Siegmund KD, Koss MN, Hagen JA, Lam WL, Lam S, Gazdar AF, Laird-Offringa IA.	Genome Res. 2012 Jul;22(7):1197-211. doi: 10.1101/gr.132662.111. Epub 2012 May 21
1-Jun-12	CD20+ Tumor-Infiltrating Lymphocytes Have an Atypical CD27- Memory Phenotype and Together with CD8+ T Cells Promote Favorable Prognosis in Ovarian Cancer.	Nielsen JS, Sahota RA, Milne K, Kost SE, Nesslinger NJ, Watson PH, Nelson BH.	<i>Clin Cancer Res</i> . 2012 Jun 15;18(12):3281-92. Epub 2012 May 2. PMID: 22553348.
1-Jun-12	The genomic and transcriptomic architecture of 2,000 breast tumours reveals novel subgroups.	Curtis C, Shah SP, Chin SF, Turashvili G, Rueda OM, Dunning MJ, Speed D, Lynch AG, Samarajiwa S, Yuan Y, Gräf S, Ha G, Haffari G, Bashashati A, Russell R, McKinney S; METABRIC Group, Langerød A, Green A, Provenzano E, Wishart G, Pinder S, Watson P, Markowitz F, Murphy L, Ellis I, Purushotham A, Børresen-Dale AL, Brenton JD, Tavaré S, Caldas C, Aparicio S.	<i>Nature</i> . 2012 Jun 21;486(7403):346-52. PMID: 22522925.
1-May-12	Divergent genomic and epigenomic landscapes of lung cancer subtypes underscore the selection of different oncogenic pathways during tumor development.	William W. Lockwood, Ian M. Wilson, Bradley P. Coe, Raj Chari, Larissa A. Pikor, Kelsie L. Thu, Luisa M. Solis, Maria I. Nunez, Carmen Behrens, John Yee, John English, Nevin Murray, Ming-Sound Tsao, John D. Minna, Adi F. Gazdar, Ignacio I. Wistuba, Calum E. MacAulay, Stephen Lam, and Wan L. Lam	PLoS ONE, 2012, 7(5): e37775, 1-18. [PMID: 22629454]
1-May-12	Integrative analysis of genome-wide loss of heterozygosity and mono-allelic expression at nucleotide resolution reveals disrupted pathways in triple negative breast cancer.	Ha G, Roth A, Lai D, Bashashati A, Ding J, Goya R, Giuliany R, Rosner J, Oloumi A, Shumansky K, Chin SF, Turashvili G, Hirst M, Caldas C, Marra MA, Aparicio S, Shah SP.	Genome Res. 2012, 10:1995-2007. doi:10.1101/gr.137570.112

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1-May-12	Mutational processes molding the genomes of 21 breast cancers.	Nik-Zainal S, Alexandrov LB, Wedge DC, Van Loo P, Greenman CD, Raine K, Jones D, Hinton J, Marshall J, Stebbings LA, Menzies A, Martin S, Leung K, Chen L, Leroy C, Ramakrishna M, Rance R, Lau KW, Mudie LJ, Varela I, McBride DJ, Bignell GR, Cooke SL, Shlien A, Gamble J, Whitmore I, Maddison M, Tarpey PS, Davies HR, Papaemmanuil E, Stephens PJ, McLaren S, Butler AP, Teague JW, Jönsson G, Garber JE, Silver D, Miron P, Fatima A, Boyault S, Langerød A, Tutt A, Martens JW, Aparicio SA, Borg Å, Salomon AV, Thomas G, Børresen-Dale AL, Richardson AL, Neuberger MS, Futreal PA, Campbell PJ, Stratton MR; Breast Cancer Working Group of the International Cancer Genome Consortium.	Cell. 2012 May 25;149(5):979-93. doi: 10.1016/j.cell.2012.04.024. Epub 2012 May 17. PMID: 22608084
1-May-12	The life history of 21 breast cancers.	Nik-Zainal S, Van Loo P, Wedge DC, Alexandrov LB, Greenman CD, Lau KW, Raine K, Jones D, Marshall J, Ramakrishna M, Shlien A, Cooke SL, Hinton J, Menzies A, Stebbings LA, Leroy C, Jia M, Rance R, Mudie LJ, Gamble SJ, Stephens PJ, McLaren S, Tarpey PS, Papaemmanuil E, Davies HR, Varela I, McBride DJ, Bignell GR, Leung K, Butler AP, Teague JW, Martin S, Jönsson G, Mariani O, Boyault S, Miron P, Fatima A, Langerød A, Aparicio SA, Tutt A, Sieuwerts AM, Borg Å, Thomas G, Salomon AV, Richardson AL, Børresen-Dale AL, Futreal PA, Stratton MR, Campbell PJ; Breast Cancer Working Group of the International Cancer Genome Consortium	Cell. 2012 May 25;149(5):994-1007. doi: 10.1016/j.cell.2012.04.023. Epub 2012 May 17. PMID: 22608083

Date Published	Article Title	Author(s)	Reference
1-Apr-12	The clonal and mutational evolution spectrum of primary triple-negative breast cancers.	Shah SP, Roth A, Goya R, Oloumi A, Ha G, Zhao Y, Turashvili G, Ding J, Tse K, Haffari G, Bashashati A, Prentice LM, Khattra J, Burleigh A, Yap D, Bernard V, McPherson A, Shumansky K, Crisan A, Giuliany R, Heravi-Moussavi A, Rosner J, Lai D, Birol I, Varhol R, Tam A, Dhalla N, Zeng T, Ma K, Chan SK, Griffith M, Moradian A, Cheng SW, Morin GB, Watson P, Gelmon K, Chia S, Chin SF, Curtis C, Rueda OM, Pharoah PD, Damaraju S, Mackey J, Hoon K, Harkins T, Tadigotla V, Sigaroudinia M, Gascard P, Tlsty T, Costello JF, Meyer IM, Eaves CJ, Wasserman WW, Jones S, Huntsman D, Hirst M, Caldas C, Marra MA, Aparicio S.	<i>Nature</i> . 2012 Apr 4;486(7403):395-9. doi: 10.1038/nature10933. PMID:22495314
1-Apr-12	Oncostatin M supresses ER alpha expression and is associated with poor outcome in human breast cancer.	West NR, Murphy LC, Watson PH.	<i>Endocrine Related Cancer</i> , 2012, 19(2): 181-195. PMID: 22267707.
7-Mar-12	Lung Adenocarcinoma of Never Smokers and Smokers Harbor Differential Regions of Genetic Alteration and Exhibit Different Levels of Genomic Instability.	Thu, KL (Thu, Kelsie L.); Vucic, EA (Vucic, Emily A.); Chari, R (Chari, Raj); Zhang, W (Zhang, Wei); Lockwood, WW (Lockwood, William W.); English, JC (English, John C.); Fu, R (Fu, Rong); Wang, P (Wang, Pei); Feng, ZD (Feng, Ziding); MacAulay, CE (MacAulay, Calum E.); Gazdar, AF (Gazdar, Adi F.); Lam, S (Lam, Stephen); Lam, WL (Lam, Wan L.)	<i>PLoS</i> , Mar 2012, 7(3) e33003 DOI: 10.1371/journal.pone.0033003
27-Feb-12	Absolute lymphocyte count is associated with survial in ovarian cancer independent of tumor-infiltrating lymphocytes	Milne K, Alexander C, Webb JR, Dillon K, Kalloger SE, Gilks CB, Clarke B, Kobel M, Nelson BH	<i>Journal of Translational Medicine</i> . 2012 Feb 27;10:33. PMID: 22369276
1-Feb-12	Fusobacterium nucleatum infection is prevalent in human colorectal carcinoma.	Castellarin M, Warren RL, Freeman JD, Dreolini L, Krzywinski M, Strauss J, Barnes R, Watson P, Allen-Vercoe E, Moore RA, Holt RA.	Genome Res 2012 Feb;22(2):299-306. doi: 10.1101/gr.126516.111. PubMed PMID:22009989
1-Jan-12	Feature-based classifiers for somatic mutation detection in tumour-normal paired sequencing data.	Ding J, Bashashati A, Roth A, Oloumi A, Tse K, Zeng T, Haffari G, Hirst M, Marra MA, Condon A, Aparicio S, Shah SP	Bioinformatics 2012 Jan 15; 28(2):167-75.

Date Published	Article Title	Author(s)	Reference
1-Sep-11	Gene Fusion in Serous Ovarian Carcinoma.	Salzman, J (Salzman, Julia)[1,2] ; Marinelli, RJ (Marinelli, Robert J.)[1,3] ; Wang, PL (Wang, Peter L.)[1] ; Green, AE (Green, Ann E.)[4] ; Nielsen, JS (Nielsen, Julie S.)[5] ; Nelson, BH (Nelson, Brad H.)[5] ; Drescher, CW (Drescher, Charles W.)[4] ; Brown, PO (Brown, Patrick O.)[1,3]	PLOS BIOLOGY 9: 9 e1001156 DOI: 10.1371/journal.pbio.1001156, SEP 2011
1-May-11	The sensitivity of massively parallel sequencing for detecting candidate infectious agents associated with human tissues.	Moore RA, Warren RL, Freeman JD, Gustavsen JA, Chenard C, Friedman JM, Suttle CA, Zhao Y, Holt RA.	PLoS One. 2011;6(5):e19838. Epub 2011 May 13.
1-Dec-10	Polyfunctional T-Cell Responses Are Disrupted by the Ovarian Cancer Ascites Environment and Only Partially Restored by Clinically Relevant Cytokines .	Tran, E (Tran, Eric)[1,2] ; Nielsen, JS (Nielsen, Julie S.)[2,3] ; Wick, DA (Wick, Darin A.)[2] ; Ng, AV (Ng, Alvin V.)[2] ; Johnson, LDS (Johnson, Lisa D. S.)[2] ; Nesslinger, NJ (Nesslinger, Nancy J.)[2] ; McMurtrie, E (McMurtrie, Elissa)[4] ; Webb, JR (Webb, John R.)[1,2] ; Nelson, BH	PLOS ONE, 5: 12 e15625 DOI: 10.1371/journal.pone.0015625 DEC 22 2010
1-Oct-09	Mutational evolution in a lobular breast tumour profiled at single nucleotide resolution.	Shah SP, Morin RD, Khattra J, Prentice L, Pugh T, Burleigh A, Delaney A, Gelmon K, Guliany R, Senz J, Steidl C, Holt RA, Jones S, Sun M, Leung G, Moore R, Severson T, Taylor GA, Teschendorff AE, Tse K, Turashvili G, Varhol R, Warren RL, Watson P, Zhao Y, Caldas C, Huntsman D, Hirst M, Marra MA, Aparicio S.	<i>Nature</i> . 2009 Oct 8;461(7265):809-13. PMID: 19812674.
1-Oct-08	Tumor-infiltrating T cells correlate with NY-ESO-1-specific autoantibodies in ovarian cancer.	Milne K, Barnes RO, Girardin A, Mawer MA, Nesslinger NJ, Ng A, Nielsen JS, Sahota R, Tran E, Webb JR, Wong MQ, Wick DA, Wray A, McMurtrie E, Köbel M, Kalloger SE, Gilks CB, Watson PH, Nelson BH.	<i>PLoS One</i> . 2008;3(10):e3409. doi: 10.1371/journal.pone.0003409. Epub 2008 Oct 15.