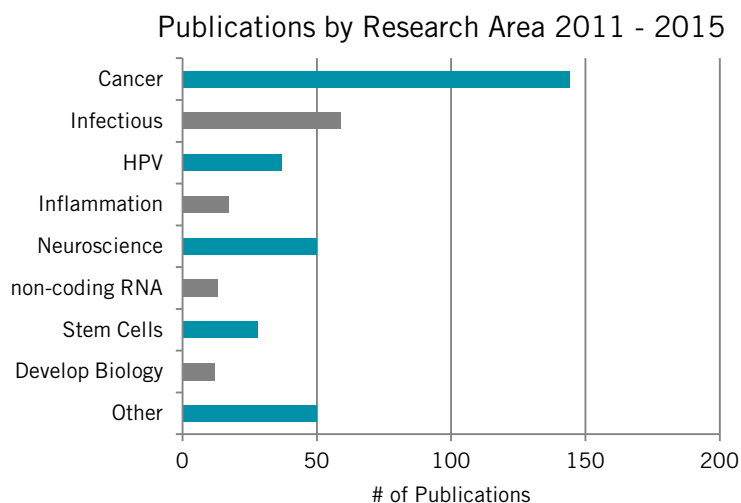
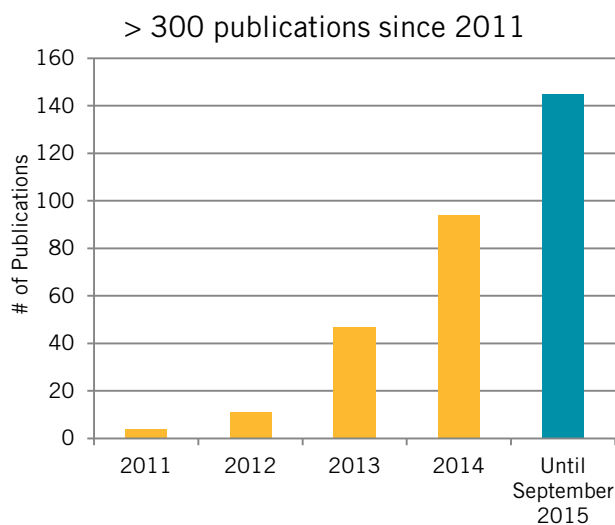


RNAscope® Scientific Peer-reviewed Publications

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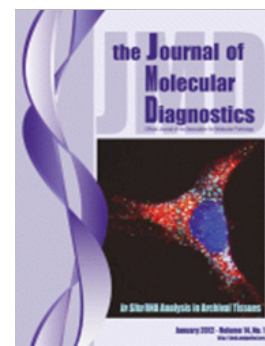
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RNAscope: A Novel *In Situ* RNA Analysis Platform for Formalin-Fixed Paraffin-Embedded Tissues.

Wang F, Flanagan J, Su N, Wang LC, Bui S, Nielson A, Wu X, Vo HT, Ma XJ, Luo Y (2012). *J of Mol Diagnostics*, 14(1):22–29.

[PMID: 22166544](#). doi:10.1016/j.jmoldx.2011.08.002.



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Automated Quantitative RNA *In Situ* Hybridization for Resolution of Equivocal and Heterogeneous *ERBB2* (*HER2*) Status in Invasive Breast Carcinoma.

Wang Z, Portier BP, Gruver AM, Bui S, Wang H, Su N, Vo HT, Ma XJ, Luo Y, Budd GT, Tubbs RR (2013). *J of Mol Diagnostics*, 15(2):210-219.

[PMID: 23305906](#). doi:10.1016/j.jmoldx.2012.10.003.



2015 PUBLICATIONS

	CANCER	HPV	INFECTIOUS	INFLAMMATION	NEUROSCIENCE	NON-CODING RNA	STEM CELL	DEVELOPMENTAL	OTHER
<p>1. Two Distinct Isoforms of Matrix Metalloproteinase-2 Are Associated with Human Delayed Kidney Graft Function. Wanga S, Ceron CS, Delgado C, Joshi SK, Spaulding K, Walker JP, Song S, Olson JL, Lovett DH. PLoS One. 2015 Sep 17;10(9):e0136276. PMID: 26379248 doi: 10.1371/journal.pone.0136276.</p>									●
<p>2. Exploiting expression of Hippo effector, Yap, for expansion of functional islet mass. George NM, Boerner BP, Mir SU, Guinn Z, Sarvetnick NE. Mol Endocrinol. 2015 Sep 17;me20141375. PMID: 26378466</p>									●
<p>3. Characterizing transcriptional heterogeneity through pathway and gene set overdispersion analysis Fan J, Salathia N, Liu R, Kaeser G, Yung Y, Herman JL, Kaper F, Fan JB, Zhang K, Chun J, Kharchenko P. bioRxiv (2015): 026948. http://www.biorxiv.org/content/early/2015/09/16/026948</p>					●			●	
<p>4. Conditional ablation of p63 indicates that it is essential for embryonic development of the central nervous system. Cancino GI, Fatt MP, Miller FD, Kaplan DR. Cell Cycle. 2015 Sep 11:0. PMID: 26359534</p>					●		●		
<p>5. TOPAZ1, a germ cell specific factor, is essential for male meiotic progression. Luangpraseuth-Prosper A, Lesueur E, Jouneau L, Pailhoux E, Cotinot C, Mandon-Pépin B. Dev Biol. 2015 Sep 7. PMID: 26358182 doi: 10.1016/j.ydbio.2015.09.002</p>									●
<p>6. Distinct Subpopulations of Nucleus Accumbens Dynorphin Neurons Drive Aversion and Reward. Al-Hasani R, McCall JG, Shin G, Gomez AM, Schmitz GP, Bernardi JM, Pyo CO, Park SI, Marcinkiewicz CM, Crowley NA, Krashes MJ, Lowell BB, Kash TL, Rogers JA, Bruchas MR. Neuron. 2015 Sep 2;87(5):1063-77. PMID: 26335648 doi: 10.1016/j.neuron.2015.08.019.</p>					●				
<p>7. Cell type-specific transcriptomics of hypothalamic energy-sensing neuron responses to weight-loss. Henry FE, Sugino K, Tozer A, Branco T, Sternson SM. Elife. 2015 Sep 2;4. PMID: 26329458 doi: 10.7554/eLife.09800.</p>					●				

2015 PUBLICATIONS

	CANCER	HPV	INFECTIOUS	INFLAMMATION	NEUROSCIENCE	NON-CODING RNA	STEM CELL	DEVELOPMENTAL	OTHER
<p>8. Long non-coding RNA chromogenic in situ hybridisation signal pattern correlation with breast tumour pathology. Zhang Z, Weaver DL, Olsen D, deKay J, Peng Z, Ashikaga T, Evans MF. J Clin Pathol. 2015 Aug 31. PMID: 26323944 doi: 10.1136/jclinpath-2015-203275.</p>	●					●			
<p>9. The role of HOXC6 in prostate cancer development Hamid AR, Hoogland AM, Smit F, Jannink S, van Rijjt-van de Westerlo C, Jansen CF, van Leenders GJ, Verhaegh GW, Schalken JA. Prostate. 2015 Aug 27. PMID: 26310814 doi: 10.1002/pros.23065.</p>	●								
<p>10. TMBIM6 (transmembrane BAX inhibitor motif containing 6) Enhances Autophagy and Reduces Renal Dysfunction in a Cyclosporine A-induced nephrotoxicity model. Yadav RK, Lee GH, Lee HY, Li B, Jung HE, Rashid HO, Choi MK, Yadav BK, Kim WH, Kim KW, Park BH, Kim W, Lee YC, Kim HR, Chae HJ. Autophagy. 2015 Aug 25:0. PMID: 26305401</p>				●					
<p>11. Distinct E-cadherin-based complexes regulate cell behaviour through miRNA processing or Src and p120 catenin activity. Kourtidis A, Ngok SP, Pulimeno P, Feathers RW, Carpio LR, Baker TR, Carr JM, Yan IK, Borges S, Perez EA, Storz P, Copland JA, Patel T, Thompson EA, Citi S, Anastasiadis PZ. Nat Cell Biol. 2015 Sep;17(9):1145-57. PMID: 26302406 doi: 10.1038/ncb3227</p>									●
<p>12. E2F1 controls germ cell apoptosis during the first wave of spermatogenesis Rotgers E, Nurmio M, Pietilä E, Cisneros-Montalvo S, Toppari J. Andrology. 2015 Sep;3(5):1000-14. PMID: 26311345 doi: 10.1111/andr.12090.</p>									●
<p>13. FGFR1 and FGFR2 in Fibrolamellar Carcinoma Graham RP, Garcia JJ, Greipp PT, Barr Fritcher EG, Kipp BR, Torbenson MS. Histopathology. 2015 Aug 11. PMID: 26259677 doi: 10.1111/his.12799.</p>	●								
<p>14. An Nfic-Hedgehog Signaling Cascade Regulates Tooth Root Development Liu Y, Feng J, Li J, Zhao H, Ho TV, Chai Y. Development. 2015 Aug 20. PMID: 26293299</p>								●	
<p>15. Nucleoporin 35 regulates cardiomyocyte pH homeostasis by controlling Na⁺-H⁺ exchanger-1 expression. Xu L, Pan L, Li J, Huang B, Feng J, Li C, Wang S, The E, Liu Y, Yuan T, Zhen L, Liang D, Liu Y, Li L, Cui Y, Jiang X, Peng L, Chen YH. J Mol Cell Biol. 2015 Aug 10. PMID: 26260029 pii: mjev054.</p>									●

2015 PUBLICATIONS

	CANCER	HPV	INFECTIOUS	INFLAMMATION	NEUROSCIENCE	NON-CODING RNA	STEM CELL	DEVELOPMENTAL	OTHER
<p>16. Kinesin-1 interacts with Bucky ball to form germ cells and is required to pattern the zebrafish body axis. Campbell PD, Heim AE, Smith MZ, Marlow FL. Development. 2015 Aug 7. PMID: 26253407 pii: dev.124586.</p>							●	●	
<p>17. ETV1 mRNA is specifically expressed in gastrointestinal stromal tumors. Jang BG, Lee HE, Kim WH. Virchows Arch. 2015 Aug 5. PMID: 26243012</p>	●								
<p>18. Correlation of p16 immunohistochemistry in FNA biopsies with corresponding tissue specimens in HPV-related squamous cell carcinomas of the oropharynx. Jalaly JB, Lewis JS Jr, Collins BT, Wu X, Ma XJ, Luo Y, Bernadt CT. Cancer Cytopathol. 2015 Aug 4. PMID: 26242494 doi: 10.1002/cncy.21600.</p>	●	●	●						
<p>19. Self-renewing diploid Axin2+ cells fuel homeostatic renewal of the liver Wang B, Zhao L, Fish M, Logan CY, Nusse R. Nature (2015). PMID: 26245375 doi:10.1038/nature14863</p>							●		
<p>20. The Role of LOX and LOXL2 in the Pathogenesis of an Experimental Model of Choroidal Neovascularization. Van Bergen T, Spangler R, Marshall D, Hollanders K, Van de Veire S, Vandewalle E, Moons L, Herman J, Smith V, Stalmans I. Invest Ophthalmol Vis Sci. 2015 Aug 1;56(9):5280-9. PMID: 26258612 doi: 10.1167/iovs.14-15513.</p>									●
<p>21. The presence of high-risk human papillomavirus (HPV) E6/E7 mRNA transcripts in a subset of sinonasal carcinomas is evidence of involvement of HPV in its etiopathogenesis. Laco J, Siegllová K, Vošmiková H, Dundr P, Němejcová K, Michálek J, Čelakovský P, Chrobok V, Mottl R, Mottlová A, Tuček L, Slezák R, Chmelařová M, Sirák I, Vošmik M, Ryška A. Virchows Arch. 2015 Jul 31. PMID: 26229021</p>	●	●	●						
<p>22. Noncanonical Genomic Imprinting Effects in Offspring Bonhous PJ, Huang WC, Stacher Hörndli CN, Ferris E, Cheng T, Gregg C. Cell Reports (2015) http://dx.doi.org/10.1016/j.celrep.2015.07.017</p>					●				
<p>23. Detection of Human Papillomavirus in Non-Small Cell Carcinoma of the Lung Chang SY, Keeney M, Law M, Donovan J, Aubry MC, Garcia J. Human Pathology (2015) http://dx.doi.org/10.1016/j.humpath.2015.07.012</p>	●	●	●						

2015 PUBLICATIONS

	CANCER	HPV	INFECTIOUS	INFLAMMATION	NEUROSCIENCE	NON-CODING RNA	STEM CELL	DEVELOPMENTAL	OTHER
<p>24. Structure-Guided Blockade of CSF1R Kinase in Tenosynovial Giant-Cell Tumor. Tap WD, Wainberg ZA, Anthony SP, Ibrahim PN, Zhang C, Healey JH, Chmielowski B, Staddon AP, Cohn AL, Shapiro GI, Keedy VL, Singh AS, Puzanov I, Kwak EL, Wagner AJ, Von Hoff DD, Weiss GJ, Ramanathan RK, Zhang J, Habets G, Zhang Y, Burton EA, Visor G, Sanftner L, Severson P, Nguyen H, Kim MJ, Marimuthu A, Tsang G, Shellooe R, Gee C, West BL, Hirth P, Nolop K, van de Rijn M, Hsu HH, Peterfy C, Lin PS, Tong-Starksen S, Bollag G. N Engl J Med. 2015 Jul 30;373(5):428-37. PMID: 26222558 doi: 10.1056/NEJMoa1411366.</p>	●								
<p>25. Gene-expression analysis of cementoblasts and osteoblasts. Matthews BG, Roguljic H, Franceschetti T, Roeder E, Matic I, Vidovic I, Joshi P, Kum KY, Kalajzic I. J Periodontal Res. 2015 Jul 27. PMID: 26215316 doi: 10.1111/jre.12309</p>									●
<p>26. Localization of Bovine Papillomavirus Nucleic Acid in Equine Sarcoids. Gaynor AM, Zhu KW, Cruz FN Jr, Affolter VK, Pesavento PA. Vet Pathol. 2015 Jul 27. PMID: 26215759 pii: 0300985815594852</p>	●		●						
<p>27. Cotransmission of Acetylcholine and GABA. Granger AJ, Mulder N, Saunders A, Sabatini BL. Neuropharmacology. 2015 Jul 25. PMID: 26220313 doi: 10.1016/j.neuropharm.2015.07.031.</p>					●				
<p>28. Distribution of intestinal stem cell markers in colorectal precancerous lesions Jang BG, Kim HS, Kim KJ, Rhee YY, Kim WH, Kang GH. Histopathology (2015). DOI: 10.1111/his.12787</p>	●							●	
<p>29. Neuroimmune Regulation of GABAergic Neurons Within the Ventral Tegmental Area During Withdrawal from Chronic Morphine. Taylor AM, Castonguay A, Ghogha A, Vayssiere P, Pradhan AA, Xue L, Mehrabani S, Wu J, Levitt P, Olmstead MC, De Koninck Y, Evans CJ, Cahill CM. Neuropsychopharmacology. 2015 Jul 23. PMID: 26202104 doi: 10.1038/npp.2015.221.</p>					●				
<p>30. Hypothalamic Non-AgRP, Non-POMC GABAergic Neurons Are Required for Postweaning Feeding and NPY Hyperphagia. Kim ER, Wu Z, Sun H, Xu Y, Mangieri LR, Xu Y, Tong Q. J Neurosci. 2015 Jul 22;35(29):10440-50. PMID: 26203139 doi: 10.1523/JNEUROSCI.1110-15.2015.</p>					●				

2015 PUBLICATIONS

	CANCER	HPV	INFECTIOUS	INFLAMMATION	NEUROSCIENCE	NON-CODING RNA	STEM CELL	DEVELOPMENTAL	OTHER
<p>31. Heregulin and HER3 are prognostic biomarkers in oropharyngeal squamous cell carcinoma. Qian G, Jiang N, Wang D, Newman S, Kim S, Chen Z, Garcia G, MacBeath G, Shin DM, Khuri FR, Chen ZG, Saba NF. Cancer. 2015 Jul 20. PMID: 26195293 doi: 10.1002/cncr.29549.</p>	●								
<p>32. Semaphorin-3C signals through Neuropilin-1 and PlexinD1 receptors to inhibit pathological angiogenesis. Yang WJ, Hu J, Uemura A, Tetzlaff F, Augustin HG, Fischer A. EMBO Mol Med. 2015 Jul 20. PMID: 26194913 doi: 10.15252/emmm.201404922.</p>					●				
<p>33. Lifelong disturbance of serotonin transporter functioning results in fear learning deficits: reversal by blockade of CRF1 receptors Bijlsma EY, Hendriksen H, Baas JMP, Millan MJ, Groenink L. European Neuropsychopharmacology (2015) http://dx.doi.org/10.1016/j.euroneuro.2015.07.004</p>					●				
<p>34. Analysis of Cytokine Gene Expression using a Novel Chromogenic In-situ Hybridization Method in Pulmonary Granulomas of Cattle Infected Experimentally by Aerosolized Mycobacterium bovis. Palmer MV, Thacker TC, Waters WR. J Comp Pathol. 2015 Jul 16. PMID: 26189773 doi: 10.1016/j.jcpa.2015.06.004.</p>			●						
<p>35. Genome-wide analysis of the oxyntic proliferative isthmus zone reveals ASPM as a possible gastric stem/progenitor cell marker overexpressed in cancer. Vange P, Bruland T, Beisvag V, Erlandsen SE, Flatberg A, Doseth B, Sandvik AK, Bakke I. J Pathol. 2015 Jul 16. PMID: 26178168 doi: 10.1002/path.4591.</p>	●						●		
<p>36. Transcriptional and Functional Characterization of the G Protein-Coupled Receptor Repertoire of Gastric Somatostatin Cells. Egerod KL, Engelstoft MS, Lund ML, Grunddal KV, Zhao M, Barir-Jensen D, Nygaard EB, Petersen N, Holst JJ, Schwartz TW. Endocrinology. 2015 Jul 16:EN20151388. PMID: 26181106</p>									●
<p>37. Clinical and prognostic value of MET gene copy number gain and chromosome 7 polysomy in primary colorectal cancer patients. Seo AN, Park KU, Choe G, Kim WH, Kim DW, Kang SB, Lee HS. Tumour Biol. 2015 Jul 10. PMID: 26159851</p>	●								

2015 PUBLICATIONS

	CANCER	HPV	INFECTIOUS	INFLAMMATION	NEUROSCIENCE	NON-CODING RNA	STEM CELL	DEVELOPMENTAL	OTHER
<p>38. Differential maturation of vesicular glutamate and GABA transporter expression in the mouse auditory forebrain during the first weeks of hearing. Hackett TA, Clause AR, Takahata T, Hackett NJ, Polley DB. Brain Struct Funct. 2015 Jul 10. PMID: 26159773</p>					●				
<p>39. Exome Sequencing Identifies a Missense Variant in EFEMP1 Co-Segregating in a Family with Autosomal Dominant Primary Open-Angle Glaucoma. Mackay DS, Bennett TM, Shiels A. PLoS One. 2015 Jul 10;10(7):e0132529. PMID: 26162006 doi: 10.1371/journal.pone.0132529</p>					●				
<p>40. Birc7: A Late Fiber Gene of the Crystalline Lens. De Maria A, Bassnett S. Invest Ophthalmol Vis Sci. 2015 Jul 1;56(8):4823-34. PMID: 26218911 doi: 10.1167/iovs.15-16968.</p>									●
<p>41. Integration of Bmp and Wnt signaling by Hopx specifies commitment of cardiomyoblasts Jain R, Li D, Gupta M, Manderfield LJ, Ifkovits JL, Wang Q, Liu F, Liu Y, Poleshko A, Padmanabhan A, Raum JC, Li L, Morrisey EE, Lu MM, Won KJ, Epstein JA. Science. 2015 Jun 26;348(6242):aaa6071. PMID: 26113728 doi: 10.1126/science.aaa6071.</p>							●		
<p>42. Clonal Dynamics Reveal Two Distinct Populations of Basal Cells in Slow-Turnover Airway Epithelium. Watson JK, Rulands S, Wilkinson AC, Wuidart A, Ousset M, Van Keymeulen A, Göttgens B, Blanpain C, Simons BD, Rawlins EL. Cell Rep. 2015 Jun 24. PMID: 26119728 doi: 10.1016/j.celrep.2015.06.011.</p>							●		
<p>43. Human Parechovirus 3 Meningitis and Fatal Leukoencephalopathy Bissel SJ, Auer RN, Chiang CH, Kofler J, Murdoch GH, Nix WA, Painter M, Richer M, Sartelet H, Wang G, Wiley CA. J Neuropathol Exp Neurol. 2015 Jun 25. PMID: 26115191</p>			●		●				
<p>44. Endothelial Cell Proliferation and Vascular Endothelial Growth Factor Expression in Primary Colorectal Cancer and Corresponding Liver Metastases. Raluca BA, Cimpean AM, Cioca A, Cretu O, Mederle O, Ciolofan A, Gaje P, Raica M. Asian Pac J Cancer Prev. 2015;16(11):4549-53. PMID: 26107202</p>	●								
<p>45. Endodermal Wnt signaling Is required for tracheal cartilage formation Snowball J, Ambalavanan M, Whitsett J, Sinner D. Dev Biol. 2015 Jun 17. PMID: 26093309 doi: 10.1016/j.ydbio.2015.06.009.</p>							●	●	

2015 PUBLICATIONS

	CANCER	HPV	INFECTIOUS	INFLAMMATION	NEUROSCIENCE	NON-CODING RNA	STEM CELL	DEVELOPMENTAL	OTHER
<p>46. Fibroblast Growth Factor Receptor 1 Gene Copy Number and mRNA Expression in Primary Colorectal Cancer and Its Clinicopathologic Correlation Kwak Y, Nam SK, Seo AN, Kim DW, Kang SB, Kim WH, Lee HS. Pathobiology. 2015 Jun 16;82(2):76-83. PMID: 26088290</p>	●								
<p>47. Role of neurons and glia in the CNS actions of the renin-angiotensin system in cardiovascular control. de Kloet AD, Liu M, Rodriguez V, Krause EG, Sumners C. Am J Physiol Regul Integr Comp Physiol. 2015 Jun 17:ajpregu.00078.2015. PMID: 26084692 doi: 10.1152/ajpregu.00078.2015.</p>					●				
<p>48. Combined squamous cell carcinoma and Merkel cell carcinoma of the vulva: Role of human papillomavirus and Merkel cell polyomavirus Chen CH, Wu YY, Kuo KT, Liao JY, Liang CW. JAAD Case Reports 1.4 (2015): 196-199. http://dx.doi.org/10.1016/j.jidcr.2015.04.005</p>	●	●	●						
<p>49. Olfactomedin-related proteins 4 (OLFM4) expression is involved in early gastric carcinogenesis and of prognostic significance in advanced gastric cancer. Jang BG, Lee BL, Kim WH. Virchows Arch. 2015 Jun 13. PMID: 26070873</p>	●						●		
<p>50. Regulation of breathing by CO₂ requires the proton-activated receptor GPR4 in retrotrapezoid nucleus neurons Kumar NN, Velic A, Soliz J, Shi Y, Li K, Wang S, Weaver JL, Sen J, Abbott SB, Lazarenko RM, Ludwig MG, Perez-Reyes E, Mohebbi N, Bettoni C, Gassmann M, Suply T, Seuwen K, Guyenet PG, Wagner CA, Bayliss DA. Science. 2015 Jun 12;348(6240):1255-60. PMID: 26068853 doi: 10.1126/science.aaa0922.</p>					●				
<p>51. Iron Toxicity in the Retina Requires Alu RNA and the NLRP3 Inflammasome Gelfand BD, Wright CB, Kim Y, Yasuma T, Yasuma R, Li S, Fowler BJ, Bastos-Carvalho A, Kerur N, Uittenbogaard A, Han YS, Lou D, Kleinman ME, McDonald WH, Núñez G, Georgel P, Dunaief JL, Ambati J. Cell Reports (2015). http://dx.doi.org/10.1016/j.celrep.2015.05.023</p>				●					
<p>52. Disruption of Fgf13 Causes Synaptic Excitatory-Inhibitory Imbalance and Genetic Epilepsy and Febrile Seizures Plus. Puranam RS, He XP, Yao L, Le T, Jang W, Rehder CW, Lewis DV, McNamara JO. J Neurosci. 2015 Jun 10;35(23):8866-81. PMID: 26063919 doi: 10.1523/JNEUROSCI.3470-14.2015.</p>					●				

2015 PUBLICATIONS

	CANCER	HPV	INFECTIOUS	INFLAMMATION	NEUROSCIENCE	NON-CODING RNA	STEM CELL	DEVELOPMENTAL	OTHER
<p>53. Classification of Epithelial Malignant Tumors-the Differentiation Between Adenocarcinomas and Neuroendocrine Carcinomas: Why Rely on Nonspecific Histochemistry and Dismiss Specific Methods Like Immunohistochemistry and <i>In Situ</i> Hybridization? Waldum HL, Sørdal ØF. Appl Immunohistochem Mol Morphol. 2015 Jun 5. PMID: 26067134</p>	●								
<p>54. Transcriptome-wide Analysis Reveals Hallmarks of Human Intestine Development and Maturation <i>In Vitro</i> and <i>In Vivo</i>. Finkbeiner SR, Hill DR, Altheim CH, Dedhia PH, Taylor MJ, Tsai YH, Chin AM, Mahe MM, Watson CL, Freeman JJ, Nattiv R, Thomson M, Klein OD, Shroyer NF, Helmraath MA, Teitelbaum DH, Dempsey PJ, Spence JR. Stem Cell Reports. 2015 Jun 3. PMID: 26050928 doi: 10.1016/j.stemcr.2015.04.010.</p>							●	●	
<p>55. Evaluation of established human iPSC - derived neurons to model neurodegenerative diseases. Meneghello G, Verheyen A, Ingen MV, Kuijlaars J, Tuefferd M, Van Den Wyngaert I, Nuydens R. Neuroscience. 2015 Jun 2. PMID: 26047731 doi: 10.1016/j.neuroscience.2015.05.071.</p>					●		●		
<p>56. A negative feedback loop controls NMDA receptor function in cortical interneurons via neuregulin 2/ErbB4 signalling. Vullhorst D, Mitchell RM, Keating C, Roychowdhury S, Karavanova I, Tao-Cheng JH, Buonanno A. Nat Commun. 2015 Jun 1;6:7222. PMID: 26027736 doi: 10.1038/ncomms8222.</p>					●				
<p>57. FGFR1 expression levels predict BGJ398-sensitivity of FGFR1-dependent head and neck squamous cell cancers Göke F, Franzen A, Hinz TK, Marek LA, Yoon P, Sharma R, Bode M, von Mässenhausen A, Lankat-Buttgereit B, Göke A, Golletz C, Kirsten R, Boehm D, Vogel W, Kleczko EK, Eagles J, Hirsch FR, Van Bremen T, Bootz F, Schröck A, Kim J, Tan AC, Jimeno A, Heasley LE, Perner Clin Cancer Res. 2015 May 26. PMID: 26015511 pii: clincanres.3357.2014.</p>	●								
<p>58. Intestinal Stem Cell Markers in the Intestinal Metaplasia of Stomach and Barrett's Esophagus. Jang BG, Lee BL, Kim WH. PLoS One. 2015 May 21;10(5):e0127300. PMID: 25996368 doi: 10.1371/journal.pone.0127300.</p>	●						●		

2015 PUBLICATIONS

	CANCER	HPV	INFECTIOUS	INFLAMMATION	NEUROSCIENCE	NON-CODING RNA	STEM CELL	DEVELOPMENTAL	OTHER
<p>59. Telomere length abnormalities and telomerase RNA component expression in gastroenteropancreatic neuroendocrine tumors. Kim HS, Lee HS, Nam KH, Choi J, Kim WH. Anticancer Res. 2015 Jun;35(6):3501-10. PMID: 26026117</p>	●				●				
<p>60. A novel antibody-drug conjugate targeting SAIL for the treatment of hematologic malignancies. Kim SY, Theunissen JW, Balibalos J, Liao-Chan S, Babcock MC, Wong T, Cairns B, Gonzalez D, van der Horst EH, Perez M, Levashova Z, Chinn L, D'Alessio JA, Flory M, Bermudez A, Jackson DY, Ha E, Monteon J, Bruhns MF, Chen G, Migone TS. Blood Cancer J. 2015 May 29;5:e316 PMID: 26024286 doi: 10.1038/bcj.2015.39.</p>	●								
<p>61. Intraflagellar transport 27 is essential for hedgehog signaling but dispensable for ciliogenesis during hair follicle morphogenesis Yang N, Li L, Eguether T, Sundberg JP, Pazour GJ, Chen J. Development. 2015 May 28 PMID: 26023097 pii: dev.115261.</p>								●	
<p>62. LncRNA BCAR4 wires up signaling transduction in breast cancer. Xing Z, Park PK, Lin C, Yang L. RNA Biol. 2015 May 27:0. PMID: 26016563 DOI:10.1080/15476286.2015.1053687</p>	●					●			
<p>63. Fibroblast Growth Factor Receptor 1 and Related Ligands in Small-Cell Lung Cancer. Zhang L, Yu H, Badzio A, Boyle TA, Schildhaus HU, Lu X, Dziadziuszko R, Jassem J, Varella-Garcia M, Heasley LE, Kowalewski AA, Ellison K, Chen G, Zhou C, Hirsch FR. J Thorac Oncol. 2015 May 27. PMID: 26020126</p>	●								
<p>64. The CASC15 Long Intergenic Non-Coding RNA Locus is Involved in Melanoma Progression and Phenotype-Switching Lessard L, Liu M, Marzese DM, Wang H, Chong K, Kawas N, Donovan NC, Kiyohara E, Hsu S, Nelson N, Izraely S, Sagi-Assif O, Witz IP, Ma XJ, Luo Y, Hoon DS. J Invest Dermatol. 2015 May 27. PMID: 26016895 doi: 10.1038/jid.2015.200.</p>	●								
<p>65. Incubation of methamphetamine craving is associated with selective increases in expression of BDNF and trkb, glutamate receptors, and epigenetic enzymes in cue-activated fos-expressing dorsal striatal neurons. Li X, Rubio FJ, Zeric T, Bossert JM, Kambhampati S, Cates HM, Kennedy PJ, Liu QR, Cimbro R, Hope BT, Nestler EJ, Shaham Y. J Neurosci. 2015 May 27;35(21):8232-44. PMID: 26019338 doi: 10.1523/JNEUROSCI.1022-15.2015.</p>					●				

2015 PUBLICATIONS

	CANCER	HPV	INFECTIOUS	INFLAMMATION	NEUROSCIENCE	NON-CODING RNA	STEM CELL	DEVELOPMENTAL	OTHER
<p>66. Putting the past behind us: Social stress-induced urinary retention can be overcome Weiss DA, Butlera S, Fesia J, Longa CJ, Valentinob RJ, Canninga DA, Zderica SA. Journal of Pediatric Urology (2015) doi:10.1016/j.jpuro.2015.04.018</p>									●
<p>67. A conditional transgenic mouse line for targeted expression of the stem cell marker LGR5 Norum HJ, Bergström Å, Andersson BA, Kuiper RV, Hoelzl MA, Sørli T, Toftgård R. Dev Biol. 2015 May 20. PMID: 26003047 doi: 10.1016/j.ydbio.2015.05.002.</p>							●	●	
<p>68. The Longitudinal Transcriptomic Response of the Substantia Nigra to Intrastratial 6-Hydroxydopamine Reveals Significant Upregulation of Regeneration-Associated Genes Kanaan NM, Collier TJ, Cole-Strauss A, Grabinski T, Mattingly ZR, Winn ME, Steece-Collier K, Sortwell CE, Manfredsson FP, Lipton JW. PLoS One. 2015 May 20;10(5):e0127768. PMID: 25992874 doi: 10.1371/journal.pone.0127768.</p>					●				
<p>69. Bacterial Prostatitis Enhances 2-amino-1-methyl-6-phenylimidazo[4,5-β]pyridine (PhIP)-Induced Cancer at Multiple Sites. Sfanos KS, Canene-Adams K, Hempel H, Yu SH, Simons B, Schaeffer A, Schaeffer E, Nelson WG, De Marzo AM. Cancer Prev Res (Phila). 2015 May 19. PMID: 25990088 pii: canprevres.0090.2015.</p>	●								
<p>70. Expression of E-cadherin repressors SNAIL, ZEB1 and ZEB2 by tumour and stromal cells influences tumour-budding phenotype and suggests heterogeneity of stromal cells in pancreatic cancer Galván JA, Zlobec I, Wartenberg M, Lugli A, Gloor B, Perren A, Karamitopoulou E. Br J Cancer. 2015 May 19. PMID: 25989272 doi: 10.1038/bjc.2015.177.</p>	●								
<p>71. Detection of Circovirus in Foxes with Meningoencephalitis, United Kingdom, 2009–2013 Bexton S, Wiersma LC, Getu s, van Run PR, Verjans GM, Schipper D, Schapendonk CME, Bodewes R, Oldroyd L, Haagmans BL, Koopmans MMP, Smits SL. Emerg Infect Dis. 2015 DOI: 10.3201/eid2107.150228</p>			●						
<p>72. The guanylate cyclase-C signaling pathway is down-regulated in inflammatory bowel disease Brenna Ø, Bruland T, Furnes MW, van Beelen Granlund A, Drozdov I, Emgård J, Brønstad G, Kidd M, Sandvik AK, Gustafsson BI. Scandinavian Journal of Gastroenterology doi:10.3109/00365521.2015.1038849</p>				●					

2015 PUBLICATIONS

	CANCER	HPV	INFECTIOUS	INFLAMMATION	NEUROSCIENCE	NON-CODING RNA	STEM CELL	DEVELOPMENTAL	OTHER
<p>73. Expression of folate receptors alpha and beta in normal and cancerous gynecologic tissues: correlation of expression of the beta isoform with macrophage markers O'Shannessy DJ, Somers EB, Wang LC, Wang H, Hsu R. J Ovarian Res. 2015 May 14;8(1):29 PMID: 25971554</p>	●								
<p>74. Equine Genital Squamous Cell Carcinoma - In Situ Hybridization Identifies a Distinct Subset Containing Equus caballus Papillomavirus 2 Zhu KW, Affolter VK, Gaynor AM, Dela Cruz FN Jr, Pesavento PA. Vet Pathol. 2015 May 12. PMID: 25967135 pii: 0300985815583095.</p>	●		●						
<p>75. Targeting translation initiation bypasses signaling crosstalk mechanisms that maintain high MYC levels in colorectal cancer. Wiegering A, Uthe FW, Jamieson T, Ruoss Y, Huttenrauch M, Kuspert M, Pfann C, Nixon C, Herold S, Walz S, Taranets L, Germer CT, Rosenwald A, Sansom OJ, Eilers M. Cancer Discov. 2015 May PMID: 25934076 pii: CD-14-1040.</p>	●								
<p>76. ADAM12 is a prognostic factor associated with an aggressive molecular subtype of high grade serous ovarian carcinoma. Cheon DJ, Li AJ, Beach JA, Walts AE, Tran H, Lester J, Karlan BY, Orsulic S. Carcinogenesis. 2015 Apr 29. PMID: 25926422 pii: bgv059.</p>	●								
<p>77. MicroRNA-9 promotes IL-6 expression by inhibiting MCP1P1 expression in IL-1β-stimulated human chondrocytes. Makki MS, Haseeb A, Haqqi TM. Arthritis Rheumatol. 2015 Apr 27. PMID: 25917063 doi: 10.1002/art.39173.</p>									●
<p>78. Expression of spermidine/spermine N1 -acetyl transferase (SSAT) in human prostate tissues is related to prostate cancer progression and metastasis. Huang W, Eickhoff JC, Mehraein-Ghomi F, Church DR, Wilding G, Basu HS. Prostate. 2015 Apr 20. PMID: 25893668 doi: 10.1002/pros.22996.</p>	●								
<p>79. An alternative means of retaining ocular structure and improving immunoreactivity for light microscopy studies Sun N, Shibata B, Hess JF, FitzGerald PG. Molecular Vision 2015; 21:428-442 www.molvis.org/molvis/v21/428</p>									●
<p>80. Neuromedin U inhibits food intake partly by inhibiting gastric emptying Dalbøgea LS, Pedersena SL, Sechera T, Holstb B, Vrangana N, Jelsinga J. Peptides (2015). doi:10.1016/j.peptides.2015.04.010</p>									●

2015 PUBLICATIONS

	CANCER	HPV	INFECTIOUS	INFLAMMATION	NEUROSCIENCE	NON-CODING RNA	STEM CELL	DEVELOPMENTAL	OTHER
<p>81. A distinct regulatory region of the Bmp5 locus activates gene expression following adult bone fracture or soft tissue injury Guenther CA, Wang Z, Li E, Tran MC, Logan CY, Nusse R, Pantalena-Filho L, Yang GP, Kingsley DM. Bone. 2015 Apr 14. PMID: 25886903 doi: 10.1016/j.bone.2015.04.010.</p>									●
<p>82. Mesopontine median raphe regulates hippocampal ripple oscillation and memory consolidation Wang DV, Yau HJ, Broker CJ, Tsou JH, Bonci A, Ikemoto S. Nat Neurosci. 2015 Apr 13. PMID: 25867120 doi: 10.1038/nn.3998.</p>					●				
<p>83. Lipid starvation and hypoxia synergistically activate ICAM1 and multiple genes in an Sp1-dependent manner to promote the growth of ovarian cancer Koizume S, Ito S, Nakamura Y, Yoshihara M, Furuya M, Yamada R, Miyagi E, Hirahara F, Takano Y, Miyagi Y. Mol Cancer. 2015 Apr 8;14(1):77. PMID: 25879517 doi: 10.1186/s12943-015-0351-z.</p>	●								
<p>84. Pontin functions as an essential coactivator for Oct4-dependent lincRNA expression in mouse embryonic stem cells. Boo K, Bhin J, Jeon Y, Kim J, Shin HJ, Park JE, Kim K, Kim CR, Jang H, Kim IH, Kim VN, Hwang D, Lee H, Baek SH. Nat Commun. 2015 Apr 10;6:6810. PMID: 25857206 doi: 10.1038/ncomms7810</p>							●		
<p>85. IL-17A is Elevated in End-stage COPD and Contributes to Cigarette Smoke-induced Lymphoid Neogenesis Roos AB, Sandén C, Mori M, Bjermer L, Stampfli MR, Erjefält JS. Am J Respir Crit Care Med. 2015 Apr 6. PMID: 25844618</p>									●
<p>86. Lgr5+ cells regenerate hair cells via proliferation and direct transdifferentiation in damaged neonatal mouse utricle Wang T, Chai R, Kim GS, Pham N, Jansson L, Nguyen DH, Kuo B, May LA, Zuo J, Cunningham LL, Cheng AG. Nat Commun. 2015 Apr 7;6:6613. PMID: 25849379 doi: 10.1038/ncomms7613.</p>									●
<p>87. Context-Induced Reinstatement of Methamphetamine Seeking Is Associated with Unique Molecular Alterations in Fos-Expressing Dorsolateral Striatum Neurons Rubio FJ, Liu QR, Li X, Cruz FC, Leão RM, Warren BL, Kambhampati S, Babin KR, McPherson KB, Cimbri R, Bossert JM, Shaham Y, Hope BT. The Journal of Neuroscience, 8 April 2015, 35(14): 5625-5639 doi: 10.1523/JNEUROSCI.4997-14.2015</p>					●				

2015 PUBLICATIONS

	CANCER	HPV	INFECTIOUS	INFLAMMATION	NEUROSCIENCE	NON-CODING RNA	STEM CELL	DEVELOPMENTAL	OTHER
<p>88. Mutations in a TGF-β Ligand, TGFB3, Cause Syndromic Aortic Aneurysms and Dissections. Bertoli-Avella AM, Gillis E, Morisaki H, Verhagen JM, de Graaf BM, van de Beek G, Gallo E, Kruithof BP, Venselaar H, Myers LA, Laga S, Doyle AJ, Oswald G, van Cappellen GW, Yamanaka I, van der Helm RM, Beverloo B, de Klein A, Pardo L, Lammens M, Evers C, Devriendt K, Dumoulein M, Timmermans J, Bruggenwirth HT, Verheijen F, Rodrigus I, Baynam G, Kempers M, Saenen J, Van Craenenbroeck EM, Minatoya K, Matsukawa R, Tsukube T, Kubo N, Hofstra R, Goumans MJ, Bekkers JA, Roos-Hesselink JW, van de Laer IM, Dietz HC, Van Laer L, Morisaki T, Wessels MW, Loeys BL. J Am Coll Cardiol. 2015 Apr 7;65(13):1324-36. PMID: 25835445 doi: 10.1016/j.jacc.2015.01.040.</p>									●
<p>89. Cellular Localization of the (Pro)renin Receptor within the Paraventricular Nucleus of the Hypothalamus Pioquinto D, de Kloet A, Rodriguez V, Hiller H, Krause E, Sumners C. The FASEB Journal 29.1 Supplement (2015): 685-19.</p>						●			
<p>90. Role of the store-operated calcium entry protein, STIM1, in neutrophil chemotaxis and infiltration into a murine model of psoriasis-inflamed skin. Steinckwich N, Myers P, Janardhan KS, Flagler ND, King D, Petranka JG, Putney JW. FASEB J. 2015 Apr 2. PMID: 25837581 pii: fj.14-265215.</p>				●					
<p>91. A variant of Nesprin1 giant devoid of KASH domain underlies the molecular etiology of autosomal recessive cerebellar ataxia type I Razafsky D, Hodzic D. Neurobiol Dis. 2015 Apr 2. PMID: 25843669 doi: 10.1016/j.nbd.2015.03.027.</p>						●			
<p>92. Up-Regulation of Periostin and Reactive Stroma is Associated with Primary Chemoresistance and Predicts Clinical Outcomes in Epithelial Ovarian Cancer. Ryner L, Guan Y, Firestein R, Xiao Y, Choi Y, Rabe C, Lu S, Fuentes E, Huw-Yuh L, Lackner MR, Fu L, Amler LC, Bais C, Wang Y. Clin Cancer Res. 2015 Apr 2 PMID: 25838397 pii: clincanres.3111.2014.</p>	●								
<p>93. Nrg1 is an injury-induced cardiomyocyte mitogen for the endogenous heart regeneration program in zebrafish. Gemberling M, Karra R, Dickson AL, Poss KD. Elife. 2015 Apr 1;4. PMID: 25830562 doi: 10.7554/eLife.05871.</p>									●
<p>94. Defining the better algorithm for the accurate identification of HPV status among oropharyngeal squamous-cell carcinoma. Results from a pilot study Gloghini A, Volpi CC, Gualeni AV, Cortellazzi B, Perrone F, Pilotti S. WCRJ 2015; 2 (1): e497</p>	●	●	●						

2015 PUBLICATIONS

	CANCER	HPV	INFECTIOUS	INFLAMMATION	NEUROSCIENCE	NON-CODING RNA	STEM CELL	DEVELOPMENTAL	OTHER
<p>95. GABA-Synthesizing Enzymes in Calbindin and Calretinin Neurons in Monkey Prefrontal Cortex. Rocco BR, Sweet RA, Lewis DA, Fish KN. Cereb Cortex. 2015 Mar 30. PMID: 25824535 pii: bhv051</p>					●				
<p>96. Prevalence of HPV infection in head and neck carcinomas shows geographical variability: a comparative study from Brazil and Germany Hauck F, Oliveira-Silva M, Dreyer JH, Ferreira Perrusi VJ, Arcuri RA, Hassan R, Bonvicino CR, Barros MHM, Niedobitek G. Virchows Archiv (2015): 1-9. DOI: 10.1007/s00428-015-1761-4</p>	●	●	●						
<p>97. BRCA1 germline mutation and glioblastoma development: report of cases Boukerroucha M, Josse C, Segers K, El-Guendi S, Frères P, Jerusalem G, Bours V. BMC Cancer 15.1 (2015): 1-7. DOI 10.1186/s12885-015-1205-1</p>	●								
<p>98. Asymptomatic Middle East Respiratory Syndrome Coronavirus Infection in Rabbits. Haagmans BL, van den Brand JM, Provacía LB, Raj VS, Stittelaar KJ, Getu S, de Waal L, Bestebroer TM, van Amerongen G, Verjans GM, Fouchier RA, Smits SL, Thijs K, Osterhaus AD. J Virol. 2015 Mar 25. PMID: 25810539 pii: JVI.00661-15.</p>			●						
<p>99. Molecular profiling of ETS and non-ETS aberrations in prostate cancer patients from northern India Ateeq B, Kunju LP, Carskadon SL, Pandey SK, Singh G, Pradeep I, Tandon V, Singhai A, Goel A, Amit S, Agarwal A, Dinda AK, Seth A, Tsodikov A, Chinnaiyan AM, Palanisamy N. Prostate. 2015 Mar 23. PMID: 25809148 doi: 10.1002/pros.22989.</p>	●								
<p>100. A Method for Combining RNAscope In Situ Hybridization with Immunohistochemistry in Thick Free-Floating Brain Sections and Primary Neuronal Cultures. Grabinski TM, Kneynsberg A, Manfredsson FP, Kanaan NM. PLoS One. 2015 Mar 20;10(3):e0120120. PMID: 25794171 doi: 10.1371/journal.pone.0120120.</p>					●				
<p>101. The Long Noncoding RNA Pnky Regulates Neuronal Differentiation of Embryonic and Postnatal Neural Stem Cells Ramos AD, Andersen RE, Liu SJ, Nowakowski TJ, Hong SJ, Gertz CC, Salinas RD, Zarabi H, Kriegstein AR, Lim DA. Cell Stem Cell (2015). PMID: 25800779 doi:10.1016/j.stem.2015.02.007</p>						●	●		

2015 PUBLICATIONS

	CANCER	HPV	INFECTIOUS	INFLAMMATION	NEUROSCIENCE	NON-CODING RNA	STEM CELL	DEVELOPMENTAL	OTHER
<p>102. ARID1A and TERT promoter mutations in dedifferentiated meningioma Abedalthagafi MS, Wenya Linda Bi WL, Merrill PH, Gibson WJ, Rose MF, Du Z, Francis JM, Du R, Dunn IF, Ligon AH, Beroukhim R, Santagata S. Cancer Genetics (2015). doi:10.1016/j.cancergen.2015.03.005</p>	●								
<p>103. Adamtsl2 deletion results in bronchial fibrillin microfibril accumulation and bronchial epithelial dysplasia: A novel mouse model providing insights on geleophysic dysplasia. Hubmacher D, Wang LW, Mecham RP, Reinhardt DP, Apte SS. Dis Model Mech. 2015 Mar 11. PMID: 25762570 pii: dmm.017046.</p>									●
<p>104. Dynamic visualization of transcription and RNA subcellular localization in zebrafish. Campbell PD, Chao JA, Singer RH, Marlow FL. Development. 2015 Mar 10. PMID: 25758462 pii: dev.118968.</p>								●	
<p>105. Prognostic Impact of HOTAIR Expression is Restricted to ER-Negative Breast Cancers Gökmen-Polar Y, Vladislav IT, Neelamraju Y, Janga SC, Badve S. Sci Rep. 2015 Mar 5;5:8765. PMID: 25739705 doi: 10.1038/srep08765.</p>	●					●			
<p>106. Pentraxins Coordinate Excitatory Synapse Maturation and Circuit Integration of Parvalbumin Interneurons Pelkey KA, Barksdale E, Craig MT, Yuan X, Sukumaran M, Vargish GA, Mitchell RM, Wyeth MS, Petralia RS, Chittajallu R, Karlsson RM, Cameron HA, Murata Y, Colonnese MT, Worley PF, McBain CJ. Neuron. 2015 Mar 4 PMID: 25754824 doi: 10.1016/j.neuron.2015.02.020.</p>					●				
<p>107. Corticotropin-releasing hormone drives anandamide hydrolysis in the amygdala to promote anxiety. Gray JM, Vecchiarelli HA, Morena M, Lee TT, Hermanson DJ, Kim AB, McLaughlin RJ, Hassan KI, Kühne C, Wotjak CT, Deussing JM, Patel S, Hill MN. J Neurosci. 2015 Mar 4;35(9):3879-92. PMID: 25740517 doi: 10.1523/JNEUROSCI.2737-14.2015.</p>					●				
<p>108. Disruption of STAT3 signalling promotes KRAS-induced lung tumorigenesis Grabner B, Schramek D, Mueller KM, Moll HP, Svinka J, Hoffmann T, Bauer E, Blaas L, Hruschka N, Zboray K, Stiedl P, Nivarthi H, Bogner E, Gruber W, Mohr T, Zwick RH, Kenner L, Poli V, Aberger F, Stoiber D, Egger G, Esterbauer H, Zuber J, Moriggl R, Eferl R, Györfy B, Penninger JM, Popper H, Casanova E. Nat Commun. 2015 Mar 3;6:6285. PMID: 25734337 doi: 10.1038/ncomms7285.</p>	●								

2015 PUBLICATIONS

	CANCER	HPV	INFECTIOUS	INFLAMMATION	NEUROSCIENCE	NON-CODING RNA	STEM CELL	DEVELOPMENTAL	OTHER
<p>109. Characterization of LGR5 stem cells in colorectal adenomas and carcinomas. Baker AM, Graham TA, Elia G, Wright NA, Rodriguez-Justo M. Sci Rep. 2015 Mar 2;5:8654. PMID: 25728748 doi: 10.1038/srep08654</p>	●						●		
<p>110. The ciliopathy gene rpgrip11 is essential for hair follicle development. Chen J, Laclef C, Moncayo A, Snedecor ER, Yang N, Li L, Takemaru K, Paus R, Schneider-Maunoury S, Clark RA. J Invest Dermatol. 2015 Mar;135(3):701-9. PMID: 25398052 doi: 10.1038/jid.2014.483.</p>								●	
<p>111. Prostate adenocarcinomas aberrantly expressing p63 are molecularly distinct from usual-type prostatic adenocarcinomas. Tan HL, Haffner MC, Esopi DM, Vaghasia AM, Giannico GA, Ross HM, Ghosh S, Hicks JL, Zheng Q, Sangoi AR, Yegnasubramanian S, Osunkoya AO, De Marzo AM, Epstein JI, Lotan TL. Mod Pathol. 2015 Mar;28(3):446-56. PMID: 25216229 doi: 10.1038/modpathol.2014.115.</p>	●								
<p>112. Transcriptional Activity of HPV in Inverted Papilloma Demonstrated by In Situ Hybridization for E6/E7 mRNA. Stoddard DG Jr, Keeney MG, Gao G, Smith DI, García JJ, O'Brien EK. Otolaryngol Head Neck Surg. 2015 Feb 27. PMID: 25724573 pii: 0194599815571285.</p>	●	●	●						
<p>113. Insights into the Staphylococcus aureus-Host Interface: Global Changes in Host and Pathogen Gene Expression in a Rabbit Skin Infection Model Malachowa N, Kobayashi SD, Sturdevant DE, Scott DP, DeLeo FR. PLoS One. 2015 Feb 26;10(2):e0117713. PMID: 25719526 doi: 10.1371/journal.pone.0117713.</p>			●						
<p>114. Mesenchymal Wnt signaling Promotes formation of sternum and thoracic body wall. Snowball J, Ambalavanan M, Cornett B, Lang R, Whitsett J, Sinner D. Dev Biol. 2015 Feb 26 PMID: 25727890 doi: 10.1016/j.ydbio.2015.02.014.</p>									●
<p>115. Helicobacter pylori Activate and Expand Lgr5+ Stem Cells Through Direct Colonization of the Gastric Glands Sigal M, Rothenberg ME, Logan CY, Lee JY, Honaker RW, Cooper RL, Passarelli B, Camorlinga M, Bouley DM, Alvarez G, Nusse R, Torres J, Amieva MR Gastroenterology. 2015 Feb 25. PMID: 25725293 doi: 10.1053/j.gastro.2015.02.049.</p>							●		
<p>116. GABAergic Projections from Lateral Hypothalamus to Paraventricular Hypothalamic Nucleus Promote Feeding Wu Z, Kim ER, Sun H, Xu Y, Mangieri LR, Li DP, Pan HL, Xu Y, Arenkiel BR, Tong Q. J Neurosci. 2015 Feb 25;35(8):3312-8. PMID: 25716832 doi: 10.1523/JNEUROSCI.3720-14.2015.</p>					●				

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	CANCER	HPV	INFECTIOUS	INFLAMMATION	NEUROSCIENCE	NON-CODING RNA	STEM CELL	DEVELOPMENTAL	OTHER
<p>117. Human Papillomavirus-Related Head and Neck Squamous Cell Carcinoma Variants Samir K. El-Mofty Seminars in Diagnostic Pathology (2015) doi:10.1053/j.semmp.2015.02.022</p>	●	●	●						
<p>118. Human papillomavirus testing in diagnostic head and neck histopathology Moutasim KA, Robinson M, Thavaraj S. Diagnostic Histopathology (2015) doi:10.1016/j.mpdhp.2015.02.002</p>	●	●	●						
<p>119. Modeling colorectal cancer using CRISPR-Cas9-mediated engineering of human intestinal organoids. Matano M, Date S, Shimokawa M, Takano A, Fujii M, Ohta Y, Watanabe T, Kanai T, Sato T. Nat Med. 2015 Feb 23. PMID: 25706875 doi: 10.1038/nm.3802.</p>	●								
<p>120. Stromal contribution to the colorectal cancer transcriptome Isella C, Terrasi A, Bellomo SE, Petti C, Galatola G, Muratore A, Mellano A, Senetta R, Cassenti A, Sonetto C, Inghirami G, Trusolino L, Fekete Z, De Ridder M, Cassoni P, Storme G, Bertotti A, Medico E. Nat Genet. 2015 Feb 23. PMID: 25706627 doi: 10.1038/ng.3224.</p>	●								
<p>121. DNAJB1-PRKACA is specific for fibrolamellar carcinoma Graham RP, Jin L, Knutson DL, Kloft-Nelson SM, Greipp PT, Waldburger N, Roessler S, Longerich T, Roberts LR, Oliveira AM, Halling KC, Schirmacher P, Torbenson MS. Mod Pathol. 2015 Feb 20. PMID: 25698061 doi: 10.1038/modpathol.2015.4.</p>	●								
<p>122. Interleukin-6 In Anca-Associated Vasculitis: Rationale For Successful Treatment with Tocilizumab Berti A, Cavalli G, Campochiaro C, Guglielmi B, Baldissera E, Cappio S, Sabbadini MG, Doglioni C, Dagna L. Seminars in Arthritis and Rheumatism. DOI: http://dx.doi.org/10.1016/j.semarthrit.2015.02.002</p>				●					
<p>123. Novel long non-coding RNAs are specific diagnostic and prognostic markers for prostate cancer Böttcher R, Hoogland AM, Dits N, Verhoef EI, Kweldam C, Waranecki P, Bangma CH, van Leenders GJ, Jenster G. Oncotarget. 2015 Feb 28;6(6):4036-50. PMID: 25686826</p>	●								

2015 PUBLICATIONS

	CANCER	HPV	INFECTIOUS	INFLAMMATION	NEUROSCIENCE	NON-CODING RNA	STEM CELL	DEVELOPMENTAL	OTHER
<p>124. Frequency and prognostic significance of p16INK4A protein overexpression and transcriptionally active human papillomavirus infection in laryngeal squamous cell carcinoma Young RJ, Urban D, Angel C, Corry J, Lyons B, Vallance N, Kleid S, Iseli TA, Solomon B, Rischin D. Br J Cancer. 2015 Feb 17. PMID: 25688737 doi: 10.1038/bjc.2015.59.</p>	●	●	●						
<p>125. Raphe serotonin neuron-specific oxytocin receptor knockout reduces aggression without affecting anxiety-like behavior in male mice only Pagani JH, Williams Avram SK, Cui Z, Song J, Mezey É, Senerth JM, Baumann MH, Young WS. Genes Brain Behav. 2015 Feb 12. PMID: 25677455 doi: 10.1111/gbb.12202</p>					●				
<p>126. Localization of complement factor H gene expression and protein distribution in the mouse outer retina Smit-McBride Z, Oltjen SL, Radu RA, Estep J, Nguyen AT, Gong Q, Hjelmeland LM. Molecular Vision 2015; 21:110-123 www.molvis.org/molvis/v21/110</p>									●
<p>127. Suppression of Insulin Production and Secretion by a Decretin Hormone Alfa RW, Park S, Skelly KR, Poffenberger G, Jain N, Gu X, Kockel L, Wang J, Liu Y, Powers AC, Kim SK. Cell Metab. 2015 Feb 3;21(2):323-33 PMID: 25651184</p>								●	
<p>128. Pharmacological stimulation of Edar signaling in the adult enhances sebaceous gland size and function. Kowalczyk-Quintas C, Schuepbach-Mallepell S, Willen L, Smith TK, Huttner K, Kirby N, Headon DJ, Schneider P. J Invest Dermatol. 2015 Feb;135(2):359-68. PMID: 25207818 doi: 10.1038/jid.2014.382.</p>									●
<p>129. Clinicopathologic correlations of the BRAF(V600E) mutation, BRAF V600E immunohistochemistry, and BRAF RNA in situ hybridization in papillary thyroid carcinoma. Jung YY, Yoo JH, Park ES, Kim MK, Lee TJ, Cho BY, Chung YJ, Kang KH, Ahn HY, Kim HS. Pathol Res Pract. 2015 Feb;211(2):162-70. PMID: 25468810 doi: 10.1016/j.prp.2014.10.005.</p>	●								
<p>130. Interaction of the Androgen Receptor, ETV1, and PTEN Pathways in Mouse Prostate Varies with Pathological Stage and Predicts Cancer Progression. Higgins J, Brogley M, Palanisamy N, Mehra R, Ittmann MM, Li JZ, Tomlins SA, Robins DM. Horm Cancer. 2015 Jan 29. PMID: 25631336</p>	●								

2015 PUBLICATIONS

	CANCER	HPV	INFECTIOUS	INFLAMMATION	NEUROSCIENCE	NON-CODING RNA	STEM CELL	DEVELOPMENTAL	OTHER
<p>131. A recurrent regulatory change underlying altered expression and Wnt response of the stickleback armor plates gene EDA. O'Brown NM, Summers BR, Jones FC, Brady SD, Kingsley DM. Elife. 2015 Jan 28;4:e05290. PMID: 25629660 doi: 10.7554/eLife.05290.</p>									●
<p>132. Local expression of complement factor I in breast cancer cells correlates with poor survival and recurrence Okroj M, Holmquist E, Nilsson E, Anagnostaki L, Jirström K, Blom AM. Cancer Immunol Immunother. 2015 Jan 25. PMID: 25618258</p>	●								
<p>133. Strength in numbers: quantitative single-molecule RNA detection assays Gaspar I, Ephrussi A. Wiley Interdisciplinary Reviews: Developmental Biology (2015). DOI: 10.1002/wdev.170</p>									●
<p>134. Somatostatin, neuronal vulnerability and behavioral emotionality Lin LC, Sibille E. Mol Psychiatry. 2015 Jan 20. PMID: 25600109 doi: 10.1038/mp.2014.184.</p>						●			
<p>135. G-protein-independent coupling of MC4R to Kir7.1 in hypothalamic neurons. Ghamari-Langroudi M, Digby GJ, Sebag JA, Millhauser GL, Palomino R, Matthews R, Gillyard T, Panaro BL, Tough IR, Cox HM, Denton JS, Cone RD. Nature. 2015 Jan 19. PMID: 25600267 doi: 10.1038/nature14051.</p>						●			
<p>136. B cell follicle sanctuary permits persistent productive simian immunodeficiency virus infection in elite controllers. Fukazawa Y, Lum R, Okoye AA, Park H, Matsuda K, Bae JY, Hagen SI, Shoemaker R, Deleage C, Lucero C, Morcock D, Swanson T, Legasse AW, Axthelm MK, Hesselgesser J, Geleziunas R, Hirsch VM, Edlefsen PT, Piatak M Jr, Estes JD, Lifson JD, Picker LJ. Nat Med. 2015 Jan 19. PMID: 25599132 doi: 10.1038/nm.3781.</p>			●						
<p>137. Neurog1 Genetic Inducible Fate Mapping (GIFM) Reveals the Existence of Complex Spatiotemporal Cyto-Architectures in the Developing Cerebellum. Obana EA, Lundell TG, Yi KJ, Radomski KL, Zhou Q, Doughty ML. Cerebellum. 2015 Jan 16. PMID: 25592069</p>					●				

2015 PUBLICATIONS

	CANCER	HPV	INFECTIOUS	INFLAMMATION	NEUROSCIENCE	NON-CODING RNA	STEM CELL	DEVELOPMENTAL	OTHER
<p>138. Gremlin 1 identifies a skeletal stem cell with bone, cartilage, and reticular stromal potential. Worthley DL, Churchill M, Compton JT, Tailor Y, Rao M, Si Y, Levin D, Schwartz MG, Uygur A, Hayakawa Y, Gross S, Renz BW, Setlik W, Martinez AN, Chen X, Nizami S, Lee HG, Kang HP, Caldwell JM, Asfaha S, Westphalen CB, Graham T, Jin G, Nagar K, Wang H, Kheirbek MA, Kolhe A, Carpenter J, Glaire M, Nair A, Renders S, Manieri N, Muthupalani S, Fox JG, Reichert M, Giraud AS, Schwabe RF, Pradere JP, Walton K, Prakash A, Gumucio D, Rustgi AK, Stappenbeck TS, Friedman RA, Gershon MD, Sims P, Grikscheit T, Lee FY, Karsenty G, Mukherjee S, Wang TC. Cell. 2015 Jan 15;160(1-2):269-84. PMID: 25594183 doi: 10.1016/j.cell.2014.11.042.</p>							●		
<p>139. Identification of transcriptionally active HPV infection in formalin-fixed, paraffin-embedded biopsies of oropharyngeal carcinoma Morbini P, Alberizzi P, Tinelli C, Paglino C, Bertino G, Comoli P, Pedrazzoli P, Benazzo M. Human Pathology (2015). doi:10.1016/j.humpath.2014.12.014</p>	●	●	●						
<p>140. Primary Afferent and Spinal Cord Expression of Gastrin Releasing Peptide: Message, Protein, and Antibody Concerns Solorzano C, Villafuerte D, Meda K, Cevikbas F, Bráz J, Sharif-Naeini R, Juarez-Salinas D, Llewellyn-Smith IJ, Guan Z, Basbaum AI. J Neurosci. 2015 Jan 14;35(2):648-57. PMID: 25589759 doi: 10.1523/JNEUROSCI.2955-14.2015.</p>					●				
<p>141. Vaccinium myrtillus extract prevents or delays the onset of diabetes--induced blood-retinal barrier breakdown. Kim J, Kim CS, Lee YM, Sohn E, Jo K, Kim JS. Int J Food Sci Nutr. 2015 Jan 13:1-7. PMID: 25582181</p>									●
<p>142. The Small Leucine-Rich Proteoglycan BGN Accumulates in CADASIL and Binds to NOTCH3. Zhang X, Lee SJ, Young MF, Wang MM. Transl Stroke Res. 2015 Jan 13. PMID: 25578324</p>					●				
<p>143. Combined MYC and P53 Defects Emerge at Medulloblastoma Relapse and Define Rapidly Progressive, Therapeutically Targetable Disease. Hill RM, Kuijper S, Lindsey JC, Petrie K, Schwalbe EC, Barker K, Boulton JK, Williamson D, Ahmad Z, Hallsworth A, Ryan SL, Poon E, Robinson SP, Ruddle R, Raynaud FI, Howell L, Kwok C, Joshi A, Nicholson SL, Crosier S, Ellison DW, Wharton SB, Robson K, Michalski A, Hargrave D, Jacques TS, Pizer B, Bailey S, Swartling FJ, Weiss WA, Chesler L, Clifford SC. Cancer Cell. 2015 Jan 12;27(1):72-84. PMID: 25533335 doi: 10.1016/j.ccell.2014.11.002</p>	●				●				

2015 PUBLICATIONS

144. Identification of a Human Papillomavirus-Associated Oncogenic miRNA Panel in Human Oropharyngeal Squamous Cell Carcinoma Validated by Bioinformatics Analysis of The Cancer Genome Atlas.

Miller DL, Davis JW, Taylor KH, Johnson J, Shi Z, Williams R, Atasoy U, Lewis JS Jr, Stack MS. Am J Pathol. 2015 Jan 5. pii: S0002-9440(14)00688-9.
[PMID: 25572154](#) | doi: 10.1016/j.ajpath.2014.11.018.

145. Pathogenesis of varicelloviruses in primates

Ouwendijk WJ, Verjans GM.
 J Pathol. 2015 Jan;235(2):298-311.
[PMID: 25255989](#) | doi: 10.1002/path.4451.

CANCER	HPV	INFECTIOUS	INFLAMMATION	NEUROSCIENCE	NON-CODING RNA	STEM CELL	DEVELOPMENTAL	OTHER
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2014 PUBLICATIONS

	CANCER	HPV	INFECTIOUS	INFLAMMATION	NEUROSCIENCE	NON-CODING RNA	STEM CELL	DEVELOPMENTAL	OTHER
<p>146. Increased expression of the immune modulatory molecule PD-L1 (CD274) in anaplastic meningioma. Du Z, Abedalthagafi M, Aizer AA, McHenry AR, Sun HH, Bray MA, Viramontes O, Machaidze R, Brastianos PK, Reardon DA, Dunn IF, Freeman GJ, Ligon KL, Carpenter AE, Alexander BM, Agar NY, Rodig SJ, Bradshaw EM, Santagata S Oncotarget. 2014 Dec 31. PMID: 25609200</p>	●								
<p>147. Poly-ADP ribosylation of PTEN by tankyrases promotes PTEN degradation and tumor growth Li N, Zhang Y, Han X, Liang K, Wang J, Feng L, Wang W, Songyang Z, Lin C, Yang L, Yu Y, Chen J. Genes Dev. 2014 Dec 29. PMID: 25547115</p>	●								
<p>148. Incidence trends in head and neck squamous cell carcinoma in Slovenia, 1983-2009: role of human papillomavirus infection. Strojani P, Zadnik V, Šifrer R, Lanišnik B, Didanović V, Jereb S, Poljak M, Kocjan BJ, Gale N. Eur Arch Otorhinolaryngol. 2014 Dec 27. PMID: 25542247</p>	●	●	●						
<p>149. Gastric Mesenchymal Myofibroblasts Maintain Stem Cell Activity and Proliferation of Murine Gastric Epithelium in Vitro. Katano T, Ootani A, Mizoshita T, Tanida S, Tsukamoto H, Ozeki K, Kataoka H, Joh T. Am J Pathol. 2014 Dec 26. PMID: 25546442 doi: 10.1016/j.ajpath.2014.11.007.</p>							●		
<p>150. Quantitative measurement of cancer tissue biomarkers in the lab and in the clinic. Carvajal-Hausdorf DE, Schalper KA, Neumeister VM, Rimm DL Lab Invest. 2014 Dec 15. PMID: 25502176 doi: 10.1038/labinvest.2014.157.</p>	●								
<p>151. A Novel RNA In Situ Hybridization Assay for the Long Noncoding RNA SChLAP1 Predicts Poor Clinical Outcome After Radical Prostatectomy in Clinically Localized Prostate Cancer Mehra R, Shi Y, Udager AM, Prensner JR, Sahu A, Iyer MK, Siddiqui J, Cao X, Wei J, Jiang H, Feng FY, Chinnaiyan AM. Neoplasia 2014 Dec; 16 (12): 1121-1127. DOI: http://dx.doi.org/10.1016/j.neo.2014.11.006</p>	●								
<p>152. Wnts produced by Osterix-expressing osteolineage cells regulate their proliferation and differentiation. Tan SH, Senarath-Yapa K, Chung MT, Longaker MT, Wu JY, Nusse R. Proc Natl Acad Sci U S A. 2014 Dec 9;111(49):E5262-71. PMID: 25422448 doi: 10.1073/pnas.1420463111.</p>								●	

2014 PUBLICATIONS

	CANCER	HPV	INFECTIOUS	INFLAMMATION	NEUROSCIENCE	NON-CODING RNA	STEM CELL	DEVELOPMENTAL	OTHER
<p>153. Do high-risk human papillomaviruses cause oral cavity squamous cell carcinoma? Mirghanie H, Amen F, Moreau F, Lacau St Guily J. Oral Oncology 2014 DOI: http://dx.doi.org/10.1016/j.oraloncology.2014.11.011</p>	●	●	●						
<p>154. Piezo2 is the major transducer of mechanical forces for touch sensation in mice Ranade SS, Woo SH, Dubin AE, Moshourab RA, Wetzel C, Petrus M, Mathur J, Bégay V, Coste B, Mainquist J, Wilson AJ, Francisco AG, Reddy K, Qiu Z, Wood JN, Lewin GR, Patapoutian A. Nature. 2014 Dec 4;516(7529):121-5. PMID: 25471886 doi: 10.1038/nature13980.</p>					●				
<p>155. Aberrant epithelial GREM1 expression initiates colonic tumorigenesis from cells outside the stem cell niche. Davis H, Irshad S, Bansal M, Rafferty H, Boitsova T, Bardella C, Jaeger E, Lewis A, Freeman-Mills L, Giner FC, Rodenas-Cuadrado P, Mallappa S, Clark S, Thomas H, Jeffery R, Poulosom R, Rodriguez-Justo M, Novelli M, Chetty R, Silver A, Sansom OJ, Greten FR, Wang LM, East JE, Tomlinson I, Leedham SJ. Nat Med. 2014 Dec 1. PMID: 25419707 doi: 10.1038/nm.3750.</p>	●								
<p>156. Reporter mouse strain provides a novel look at angiotensin type-2 receptor distribution in the central nervous system. de Kloet AD, Wang L, Ludin JA, Smith JA, Pioquinto DJ, Hiller H, Steckelings UM, Scheuer DA, Summers C, Krause EG. Brain Struct Funct. 2014 Nov 27. PMID: 25427952</p>					●				
<p>157. Persistence of Human Papillomavirus, Overexpression of p53, and Outcomes of Patients After Endoscopic Ablation of Barrett's Esophagus. Rajendra S, Wang B, Pavey D, Sharma P, Yang T, Lee CS, Gupta N, Ball MJ, Gill RS, Wu Clin Gastroenterol Hepatol. 2014 Nov 21. PMID: 25460562 doi: 10.1016/j.cgh.2014.11.017.</p>		●	●						
<p>158. Expression of the Chemokine Receptor Gene, CCR8, is Associated With DUSP22 Rearrangements in Anaplastic Large Cell Lymphoma. Xing X, Flotte TJ, Law ME, Blahnik AJ, Chng WJ, Huang G, Knudson RA, Ketterling RP, Porcher JC, Ansell SM, Sidhu J, Dogan A, Feldman AL. Appl Immunohistochem Mol Morphol. 2014 Nov 11. PMID: 25390351 doi: 10.1097/PAI.0000000000000118</p>	●								
<p>159. lncRNA Directs Cooperative Epigenetic Regulation Downstream of Chemokine Signals Xing Z, Lin A, Li C, Liang K, Wang S, Liu Y, Park PK, Qin L, Wei Y, Hawke DH, Hung MC, Lin C, Yang L. Cell 2014. doi:10.1016/j.cell.2014.10.013</p>	●					●			

2014 PUBLICATIONS

	CANCER	HPV	INFECTIOUS	INFLAMMATION	NEUROSCIENCE	NON-CODING RNA	STEM CELL	DEVELOPMENTAL	OTHER
<p>160. An eIF4E1/4E-T Complex Determines the Genesis of Neurons from Precursors by Translationally Repressing a Proneurogenic Transcription Program Yang G, Smibert CA, Kaplan DR, Miller FD. Neuron. 2014 Nov 19;84(4):723-39. PMID: 25456498 doi: 10.1016/j.neuron.2014.10.022. Epub 2014 Nov 6.</p>					●				
<p>161. Species Differences in Cannabinoid Receptor 2 and Receptor Responses to Cocaine Self-Administration in Mice and Rats. Zhang HY, Bi GH, Li X, Li J, Qu H, Zhang SJ, Li CY, Onaivi ES, Gardner EL, Xi ZX, Liu QR. Neuropsychopharmacology. 2014 Nov 6. PMID: 25374096 doi: 10.1038/npp.2014.297</p>					●				
<p>162. Detection of immunoglobulin light chain restriction in cutaneous B-cell lymphomas by ultrasensitive bright-field mRNA in-situ hybridization Minca EC, Wang H, Wang Z, Lanigan C, Billings SD, Luo Y, Tubbs RR, Ma XJ. J Cutan Pathol. 2014 Nov 3. PMID: 25363373 doi: 10.1111/cup.12415.</p>	●								
<p>163. Analysis of MET mRNA Expression in Gastric Cancers Using RNA In Situ Hybridization Assay: Its Clinical Implication and Comparison with Immunohistochemistry and Silver In Situ Hybridization. Choi J, Lee HE, Kim MA, Jang BG, Lee HS, Kim WH. PLoS One. 2014 Nov 3;9(11):e111658. PMID: 25364819 doi: 10.1371/journal.pone.0111658</p>	●								
<p>164. Cannabinoid CB2 receptors modulate midbrain dopamine neuronal activity and dopamine-related behavior in mice dopamine neuronal activity and dopamine-related behavior in mice Zhang HY, Gao M, Liu QR, Bi GH, Li X, Yang HJ, Gardner EL, Wu J, Xi ZX. Proc Natl Acad Sci U S A. 2014 Nov 3. PMID: 25368177 pii: 201413210</p>					●				
<p>165. Expression and cellular localization of the Mas receptor in the adult and developing mouse retina Prasad T, Verma A, Li Q. Molecular Vision 2014; 20:1443-1455 http://www.molvis.org/molvis/v20/1443</p>									●

2014 PUBLICATIONS

	CANCER	HPV	INFECTIOUS	INFLAMMATION	NEUROSCIENCE	NON-CODING RNA	STEM CELL	DEVELOPMENTAL	OTHER
<p>166. Effect of Suberoylanilide Hydroxamic Acid (SAHA) Administration on the Residual Virus Pool in a Model of Combination Antiretroviral Therapy-Mediated Suppression in SIVmac239-Infected Indian Rhesus Macaques. Del Prete GQ, Shoemaker R, Oswald K, Lara A, Trubey CM, Fast R, Schneider DK, Kiser R, Coalter V, Wiles A, Wiles R, Freemire B, Keele BF, Estes JD, Quiñones OA, Smedley J, Macallister R, Sanchez RI, Wai JS, Tan CM, Alvord WG, Hazuda DJ, Piatak M Jr, Lifson JD. <i>Antimicrob Agents Chemother.</i> 2014 Nov;58(11):6790-806. PMID: 25182644 doi: 10.1128/AAC.03746-14.</p>			●						
<p>167. CD4 depletion in SIV-infected macaques results in macrophage and microglia infection with rapid turnover of infected cells. Micci L, Alvarez X, Iriete RI, Ortiz AM, Ryan ES, McGary CS, Deleage C, McAtee BB, He T, Apetrei C, Easley K, Pahwa S, Collman RG, Derdeyn CA, Davenport MP, Estes JD, Silvestri G, Lackner AA, Paiardini M. <i>PLoS Pathog.</i> 2014 Oct 30;10(10):e1004467. PMID: 25356757 doi: 10.1371/journal.ppat.1004467.</p>			●						
<p>168. Identification of a Novel FN1-FGFR1 Genetic Fusion as a Frequent Event in Phosphaturic Mesenchymal Tumour Lee JC, Jeng YM, Su SY, Wu CT, Tsai KS, Lee CH, Lin CY, Carter JM, Huang JW, Chen SH, Shih SR, Mariño-Enríquez A, Chen CC, Folpe AL, Chang YL, Liang CW. <i>J Pathol.</i> 2014 Oct 16. PMID: 25319834 doi: 10.1002/path.4465</p>	●								
<p>169. R-spondin1 is a novel hormone mediator for mammary stem cell self-renewal. Cai C, Yu QC, Jiang W, Liu W, Song W, Yu H, Zhang L, Yang Y, Zeng YA. <i>Genes Dev.</i> 2014 Oct 15;28(20):2205-18. PMID: 25260709 doi: 10.1101/gad.245142.114.</p>							●		
<p>170. Recombinant adeno-associated virus 2/5-mediated gene transfer is reduced in the aged rat midbrain Polinski NK, Gombash SE, Manfredsson FP, Lipton JW, Kemp CJ, Cole-Strauss A, Kanaan NM, Steece-Collier K, Kuhn NC, Wohlgenant SL, Sortwell CE. <i>Neurobiology of Aging</i> DOI: http://dx.doi.org/10.1016/j.neurobiolaging.2014.07.047</p>					●				
<p>171. VEGF mRNA Assessment in Human Pterygium: A New 'Scope' for a Future Hope. Poenaru Sava MG, Raica ML, Cimpean AM. <i>Ophthalmic Res.</i> 2014 Oct 3;52(3):130-135. PMID: 25300614</p>									●

2014 PUBLICATIONS

	CANCER	HPV	INFECTIOUS	INFLAMMATION	NEUROSCIENCE	NON-CODING RNA	STEM CELL	DEVELOPMENTAL	OTHER
<p>172. Nonamplified FGFR1 is a growth driver in malignant pleural mesothelioma. Marek LA, Hinz TK, von Mässenhausen A, Olszewski KA, Kleczko EK, Boehm D, Weiser-Evans MC, Nemenoff RA, Hoffmann H, Warth A, Gozgit JM, Perner S, Heasley LE. Mol Cancer Res. 2014 Oct;12(10):1460-9. PMID: 24966347 doi: 10.1158/1541-7786.MCR-14-0038.</p>	●								
<p>173. Guanine nucleotide-binding protein 1 is one of the key molecules contributing to cancer cell radioresistance. Fukumoto M, Amanuma T, Kuwahara Y, Shimura T, Suzuki M, Mori S, Kumamoto H, Saito Y, Ohkubo Y, Duan Z, Sano K, Oguchi T, Kainuma K, Usami S, Kinoshita K, Lee I, Fukumoto M. Cancer Sci. 2014 Oct;105(10):1351-9. PMID: 25098609 doi: 10.1111/cas.12489.</p>	●								
<p>174. Prox1 promotes expansion of the colorectal cancer stem cell population to fuel tumor growth and ischemia resistance. Wiener Z, Högström J, Hyvönen V, Band AM, Kallio P, Holopainen T, Dufva O, Haglund C, Kruuna O, Oliver G, Ben-Neriah Y, Alitalo K. Cell Rep. 2014 Sep 25;8(6):1943-56. PMID: 25242330 doi: 10.1016/j.celrep.2014.08.034.</p>	●						●		
<p>175. Anti-nicestrin monoclonal antibodies elicit pleiotropic anti-tumour pharmacological effects in invasive breast cancer cells. Filipović A, Lombardo Y, Fronato M, Abrahams J, Aboagye E, Nguyen QD, d'Aqua BB, Ridley A, Green A, Rahka E, Ellis I, Recchi C, Przulj N, Sarajlić A, Alattia JR, Fraering P, Deonarain M, Coombes RC. Breast Cancer Res Treat. 2014 Sep 24. PMID: 25248409</p>	●								
<p>176. Label-Retaining Cells in the Adult Murine Salivary Glands Possess Characteristics of Adult Progenitor Cells Chibly AM, Querin L, Harris Z, Limesand KH. PLoS One. 2014 Sep 19;9(9):e107893. PMID: 25238060 doi: 10.1371/journal.pone.0107893. eCollection 2014.</p>	●								
<p>177. Simultaneous visualization and cell-specific confirmation of RNA and protein in the mouse retina Stempel AJ, Morgans CW, Stout JT, Appukuttan B. Molecular Vision 2014; 20:1366-137 PMID: 25352743 www.molvis.org/molvis/v20/1366</p>									●

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	CANCER	HPV	INFECTIOUS	INFLAMMATION	NEUROSCIENCE	NON-CODING RNA	STEM CELL	DEVELOPMENTAL	OTHER
<p>178. AR-V7 and Resistance to Enzalutamide and Abiraterone in Prostate Cancer Antonarakis ES, Lu C, Wang H, Lubner B, Nakazawa M, Roeser JC, Chen Y, Mohammad TA, Chen Y, Fedor HL, Lotan TL, Zheng Q, De Marzo AM, Isaacs JT, Isaacs WB, Nadal R, Paller CJ, Denmeade SR, Carducci MA, Eisenberger MA, Luo J. N Engl J Med. 2014 Sep 11;371(11):1028-38. PMID: 25184630 doi: 10.1056/NEJMoa1315815.</p>	●								
<p>179. Blood pressure and glucose independent renoprotective effects of dipeptidyl peptidase-4 inhibition in a mouse model of type-2 diabetic nephropathy. Sharkovska Y, Reichetzer C, Alter M, Tsuprykov O, Bachmann S, Secher T, Klein T, Hoher B. J Hypertens. 2014 Sep 11. PMID: 25215436</p>									●
<p>180. Eosinophil-mediated signalling attenuates inflammatory responses in experimental colitis. Masterson JC, McNamee EN, Fillon SA, Hosford L, Harris R, Fernando SD, Jedlicka P, Iwamoto R, Jacobsen E, Protheroe C, Eltzschig HK, Colgan SP, Arita M, Lee JJ, Furuta GT. Gut. 2014 Sep 10. PMID: 25209655 doi: 10.1136/gutjnl-2014-306998.</p>				●					
<p>181. Novel RNA Hybridization Method for the In Situ Detection of ETV1, ETV4, and ETV5 Gene Fusions in Prostate Cancer. Kunju LP, Carskadon S, Siddiqui J, Tomlins SA, Chinnaiyan AM, Palanisamy N. Appl Immunohistochem Mol Morphol. 2014 Sep;22(8):e32-40. PMID: 25203299 doi: 10.1097/PAI.0000000000000095.</p>	●								
<p>182. Hyperplasia and fibrosis in mice with conditional loss of the TSC2 tumour suppressor in Müllerian duct mesenchyme-derived myometria Kaneko-Tarui T, Commandeur AE, Patterson AL, DeKuijper JL, Petillo D, Styer AK, Teixeira JM. Mol Hum Reprod. 2014 Sep 4 PMID: 25189766 pii: gau077.</p>	●								
<p>183. Axonally Synthesized ATF4 Transmits a Neurodegenerative Signal across Brain Regions Baleriola J, Walker CA, Jean YY, Crary JF, Troy CM, Nagy PL, Hengst U. Cell. 2014 Aug 28;158(5):1159-72. PMID: 25171414 doi: 10.1016/j.cell.2014.07.001</p>					●				
<p>184. Characterization of Inflammatory (Lymphoepithelioma-like) Hepatocellular Carcinoma: A Study of 8 Cases. Patel KR, Liu TC, Vaccharajani N, Chapman WC, Brunt EM. Arch Pathol Lab Med. 2014 Sep;138(9):1193-202. PMID: 25171701 doi: 10.5858/arpa.2013-0371-OA.</p>	●	●	●						

2014 PUBLICATIONS

	CANCER	HPV	INFECTIOUS	INFLAMMATION	NEUROSCIENCE	NON-CODING RNA	STEM CELL	DEVELOPMENTAL	OTHER
<p>185. The Raccoon Polyomavirus Genome and Tumor Antigen Transcription are Stable and Abundant in Neuroglial Tumors. Brostoff T, Dela Cruz FN Jr, Church ME, Woolard KD, Pesavento PA. J Virol. 2014 Aug 27 PMID: 25165109 pii: JVI.01912-14.</p>	●		●		●				
<p>186. Simultaneous high-resolution detection of multiple transcripts combined with localization of proteins in whole-mount embryos Gross-Thebing T, Paksa A, Raz E. BMC Biol. 2014 Aug 15;12(1):55. PMID: 25124741</p>								●	
<p>187. Simultaneous flow cytometric analysis of IFN-γ and CD4 mRNA and protein expression kinetics in human peripheral blood mononuclear cells during activation. Van Hoof D, Lomas W, Hanley MB, Park E. Cytometry A. 2014 Aug 13. PMID: 25123411 doi: 10.1002/cyto.a.22521.</p>									●
<p>188. Effect of local application of an antibody against brain-derived neurotrophic factor on neuroma formation after transection of the inferior alveolar nerve in the rat. Valverde Guevara YM, Yoshikawa H, Saito I, Maeda T, Seo K. Neuroreport. PMID: 25055143</p>					●				
<p>189. Temporal control over the initiation of cell motility by a regulator of G-protein signaling. Hartwig J, Tarbashevich K, Seggewiß J, Stehling M, Bandemer J, Grimaldi C, Paksa A, Groß-Thebing T, Meyen D, Raz E. Proc Natl Acad Sci U S A PMID: 25049415 pii: 201400043</p>								●	
<p>190. A Novel Chromogenic In Situ Hybridization Assay for FGF23 mRNA in Phosphaturic Mesenchymal Tumors. Carter JM, Caron BL, Dogan A, Folpe AL. Am J Surg Pathol. 2014 Jul 14. PMID: 25025444 doi: 10.1097/PAS.0000000000000290</p>	●								
<p>191. Oncofetal Long Noncoding RNA PVT1 promotes proliferation and stem cell-like property of hepatocellular carcinoma cells by stabilizing NOP2 Wang F, Yuan JH, Wang SB, Yang F, Yuan SX, Ye C, Yang N, Zhou WP, Li W, Sun SH Hepatology (2014) DOI: 10.1002/hep.27239</p>	●								

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	CANCER	HPV	INFECTIOUS	INFLAMMATION	NEUROSCIENCE	NON-CODING RNA	STEM CELL	DEVELOPMENTAL	OTHER
<p>192. X-inactivation normalizes O-GlcNAc Transferase levels and generates an O-GlcNAc-depleted Barr body Olivier-van_stichelen, S, J. A. Hanover Frontiers in Genetics 5 (2014): 256 doi: 10.3389/fgene.2014.00256</p>									●
<p>193. Early colonizing Escherichia coli elicits remodeling of rat colonic epithelium shifting toward a new homeostatic state. Tomas J, Reygner J, Mayeur C, Ducroc R, Bouet S, Bridonneau C, Cavin JB, Thomas M, Langella P, Cherbuy C. ISME J. 2014 Jul 11. PMID: 25012905 doi: 10.1038/ismej.2014.111</p>									●
<p>194. Prognostic significance of p62/SQSTM1 subcellular localization and LC3B in oral squamous cell carcinoma Liu JL, Chen FF, Lung J, Lo CH, Lee FH, Lu YC, Hung CH. Br J Cancer. 2014 Jul 1. PMID: 24983366 doi: 10.1038/bjc.2014.355.</p>	●								
<p>195. Endogenous intrahepatic IFNs and association with IFN-free HCV treatment outcome. Meissner EG, Wu D, Osinusi A, Bon D, Virtaneva K, Sturdevant D, Porcella S, Wang H, Herrmann E, McHutchison J, Suffredini AF, Polis M, Hewitt S, Prokunina-Olsson L, Masur H, Fauci AS, Kottlil S. J Clin Invest. 2014 Jul 1. pii: 75938. PMID: 24983321 doi: 10.1172/JCI75938.</p>			●						
<p>196. Human Conchal Cartilage and Temporal Fascia: An Evidence-based Roadmap from Rhinoplasty to an In Vivo Study and Beyond. Cimpean AM, Crăiniceanu Z, Mihailovici D, Bratu T, Raica M. In Vivo. 2014 07-08;28(4):505-514. PMID: 24982216</p>									●
<p>197. PROX1 Expression in Gastric Cancer: From Hypothesis to Evidence. Taban O, Cimpean AM, Raica M, Olariu S. Anticancer Res. 2014 Jul;34(7):3439-46. PMID: 24982352</p>	●								
<p>198. Hippo pathway activity influences liver cell fate. Yimlamai D, Christodoulou C, Galli GG, Yanger K, Pepe-Mooney B, Gurung B, Shrestha K, Cahan P, Stanger BZ, Camargo FD. Cell. 2014 Jun 5;157(6):1324-38. PMID: 24906150 doi: 10.1016/j.cell.2014.03.060.</p>									●

2014 PUBLICATIONS

	CANCER	HPV	INFECTIOUS	INFLAMMATION	NEUROSCIENCE	NON-CODING RNA	STEM CELL	DEVELOPMENTAL	OTHER
<p>199. Mutational status of VHL gene and its clinical importance in renal clear cell carcinoma Alves MR, Carneiro FC, Lavorato-Rocha AM, da Costa WH, da Cunha IW, de Cássio Zequi S, Guimaraes GC, Soares FA, Carraro DM, Rocha RM. Virchows Arch. 2014 Sep;465(3):321-30. PMID: 25027579 doi: 10.1007/s00428-014-1629-z</p>	●								
<p>200. In Situ Quantitative Measurement of HER2mRNA Predicts Benefit from Trastuzumab-Containing Chemotherapy in a Cohort of Metastatic Breast Cancer Patients Vassilakopoulou M, Togun T, Dafni U, Cheng H1, Bordeaux J, Neumeister VM, Bobos M, Pentheroudakis G, Skarlos DV, Pectasides D, Kotoula V, Fountzilias G, Rimm DL, Psyrri A. PLoS One. 2014 Jun 26;9(6):e99131. PMID: 24968015 doi: 10.1371/journal.pone.0099131. eCollection 2014.</p>	●								
<p>201. Functional ex vivo assay to select Homologous Recombination deficient breast tumors for PARP inhibitor treatment Naipal KA, Verkaik NS, Ameziane N, van Deurzen CH, Ter Brugge P, Meijers M, Sieuwerts AM, Martens J, O'Connor MJ, Vrieling H, Hoesjmakers JH, Jonkers J, Kanaar R, de Winter J, Vreeswijk M, Jager A, van Gent DC. Clin Cancer Res. 2014 Jun 24 PMID: 24963051</p>	●								
<p>202. Expression of Hedgehog ligand and signal transduction components in mutually distinct isocitrate dehydrogenase mutant glioma cells supports a role for paracrine signaling Abiria SA, Williams TV, Munden AL, Grover VK, Wallace A, Lundberg CJ, Valadez JG, Cooper MK., J Neurooncol. 2014 May 28. PMID: 24867209</p>	●				●				
<p>203. Collagen-Binding $\alpha 11$ Integrin Expression in Human Myometrium and Fibroids Utilizing a Novel RNA In Situ Probe. Peavey M, Salleh N, Leppert P., Reprod Sci. 2014 Feb 11. PMID: 24520080</p>									●
<p>204. GATA4 is essential for bone mineralization via ERα and TGFβ/BMP pathways Güemes M, Garcia AJ, Rigueur D, Runke S, Wang W, Zhao G, Mayorga VH, Atti E, Tetradis S, Péault B, Lyons K, Miranda-Carboni GA, Krum SA. J Bone Miner Res. 2014 Jun 16. PMID: 24932701 doi: 10.1002/jbmr.2296.</p>									●

2014 PUBLICATIONS

	CANCER	HPV	INFECTIOUS	INFLAMMATION	NEUROSCIENCE	NON-CODING RNA	STEM CELL	DEVELOPMENTAL	OTHER
<p>205. Detection of human papillomavirus (HPV) in clinical samples: Evolving methods and strategies for the accurate determination of HPV status of head and neck carcinomas Westra WH. Oral Oncology, 2014 – Elsevier doi: 10.1016/j.oraloncology.2014.05.004</p>	●	●	●						
<p>206. SIRT6 Is Required for Normal Retinal Function. Silberman DM, Ross K, Sande PH, Kubota S, Ramaswamy S, Apte RS, Mostoslavsky R. PLoS One. 2014 Jun 4;9(6):e98831. PMID: 24896097 doi: 10.1371/journal.pone.0098831</p>									●
<p>207. HER2 Status in Colorectal Cancer: Its Clinical Significance and the Relationship between HER2 Gene Amplification and Expression. Seo AN, Kwak Y, Kim DW, Kang SB, Choe G, Kim WH, Lee HS. PLoS One. 2014 May 30;9(5):e98528. PMID: 24879338 doi: 10.1371/journal.pone.0098528</p>	●								
<p>208. HPV-related oropharyngeal squamous cell carcinomas: a comparison between three diagnostic approaches. Melkane AE, Mirghani H, Aupérin A, Saulnier P, Lacroix L, Vielh P, Casiraghi O, Griscelli F, Temam S. Am J Otolaryngol. 2014 Jan-Feb;35(1):25-32. PMID: 24112760 doi: 10.1016/j.amjoto.2013.08.007.</p>	●	●	●						
<p>209. Leukocyte cell-derived chemotaxin 2 (LECT2)-associated amyloidosis is a frequent cause of hepatic amyloidosis in the United States. Mereuta OM, Theis JD, Vrana JA, Law ME, Grogg KL, Dasari S, Chandan VS, Wu TT, Jimenez-Zepeda VH, Fonseca R, Dispenzieri A, Kurtin PJ, Dogan A. Blood. 2014 Mar 6;123(10):1479-82 PMID: 24415538 doi: 10.1182/blood-2013-07-517938</p>									●
<p>210. Tools to assess tissue quality. Neumeister VM. Clin Biochem. 2014 Mar;47(4-5):280-7. PMID: 24565988 doi: 10.1016/j.clinbiochem.2014.02.016.</p>									●
<p>211. Expression of Toll-Like Receptor 2 in Glomerular Endothelial Cells and Promotion of Diabetic Nephropathy by Porphyromonas gingivalis Lipopolysaccharide Sawa Y, Takata S, Hatakeyama Y, Ishikawa H, Tsuruga E. PLoS One. 2014 May 16;9(5):e97165. PMID: 24835775 doi: 10.1371/journal.pone.0097165.</p>			●						

2014 PUBLICATIONS

	CANCER	HPV	INFECTIOUS	INFLAMMATION	NEUROSCIENCE	NON-CODING RNA	STEM CELL	DEVELOPMENTAL	OTHER
<p>212. Reconstructing lineage hierarchies of the distal lung epithelium using single-cell RNA-seq. Treutlein B, Brownfield DG, Wu AR, Neff NF, Mantalas GL, Espinoza FH, Desai TJ, Krasnow MA, Quake SR. Nature. 2014 May 15;509(7500):371-5. PMID: 24739965 doi: 10.1038/nature13173.</p>									●
<p>213. FGFR1 mRNA and Protein Expression, not Gene Copy Number, Predict FGFR TKI Sensitivity Across All Lung Cancer Histologies Wynes MW, Hinz TK, Gao D, Martini M, Marek L, Ware KE, Edwards MG, Bohm D, Perner S, Helfrich BA, Dziadziuszko R, Jassem J, Wojtylak S, Sejda A, Gozgit JM, Bunn Jr PA, Camidge DR, Tan AC, Hirsch FR, Heasley LE (2014) Clin Cancer Res. 2014 Apr 25. PMID: 24771645</p>	●								
<p>214. Pathophysiology of hantavirus pulmonary syndrome in rhesus macaques Safronetz D, Prescott J, Feldmann F, Haddock E, Rosenke R, Okumura A, Brining D, Dahlstrom E, Porcella SF, Ebihara H, Scott DP, Hjelle B, Feldmann H Proceedings of the National Academy of Sciences (2014): 201401998. PMID: 24778254 doi: 10.1073/pnas.1401998111</p>			●						
<p>215. Selective localization of arc mRNA in dendrites involves activity- and translation-dependent mRNA degradation. Farris S, Lewandowski G, Cox CD, Steward O. J Neurosci. 2014 Mar 26;34(13):4481-93. PMID: 24671994 doi: 10.1523/JNEUROSCI.4944-13.2014.</p>					●				
<p>216. HPV E6/E7 RNA in situ hybridization signal patterns as biomarkers of three-tier cervical intraepithelial neoplasia grade. Evans MF, Peng Z, Clark KM, Adamson CSC, Ma XJ, Wu X, Wang H, Luo Y, Cooper K PLoS One. 2014 Mar 13;9(3):e91142 PMID: 24625757 doi: 10.1371/journal.pone.0091142.</p>	●	●	●						
<p>217. Expression of Olfactory Signaling Genes in the Eye Pronin A, Levay K, Velmeshev D, Faghihi M, Shestopalov VI, Slepak VZ PLoS ONE 9(4): e96435. doi:10.1371/journal.pone.0096435</p>									●
<p>218. Mucosal Toll-like Receptor 3-dependent Synthesis of Complement Factor B and Systemic Complement Activation in Inflammatory Bowel Disease Ostvik AE, Vb Granlund A, Gustafsson BI, Torp SH, Espevik T, Mollnes TE, Damås JK, Sandvik AK. Inflamm Bowel Dis. 2014 Apr 15 PMID: 24739633</p>				●					

2014 PUBLICATIONS

219. Mucoepidermoid Carcinoma Does Not Harbor Transcriptionally Active High Risk Human Papillomavirus Even in the Absence of the MAML2 Translocation

Bishop JA, Yonescu R, Batista D, Yemelyanova A, Ha PK, Westra WH
Head and neck pathology (2014): 1-5.

[PMID: 24706055](#) | doi: 10.1007/s12105-014-0541-9

220. Detection of viral pathogens in high grade gliomas from unmapped next-generation sequencing data.

Cimino PJ, Zhao G, Wang D, Sehn JK, Lewis JS, Duncavage EJ.
Exp Mol Pathol. 2014 Apr 1;96(3):310-315

[PMID: 24704430](#) | doi: 10.1016/j.yexmp.2014.03.010.

221. DUOX2 and DUOXA2 form the predominant enzyme system capable of producing the reactive oxygen species H2O2 in active ulcerative colitis and are modulated by 5-aminosalicylic acid.

MacFie TS, Poulosom R, Parker A, Warnes G, Boitsova T, Nijhuis A, Suraweera N, Poehlmann A, Szary J, Feakins R, Jeffery R, Harper RW, Jubb AM, Lindsay JO, Silver A.
Inflamm Bowel Dis. 2014 Mar;20(3):514-24.

[PMID: 24492313](#) | doi: 10.1097/01.MIB.0000442012.45038.0e.

222. Temporal and tissue-specific disruption of LINC complexes in vivo.

Razafsky D, Hodzic D.
Genesis. 2014 Apr;52(4):359-65.

[PMID: 24550182](#) | doi: 10.1242/jcs.141069.

223. Modulation of hypoxia-signaling pathways by extracellular linc-RoR.

Takahashi K, Yan IK, Haga H, Patel T.
J Cell Sci. 2014 Apr 1;127(Pt 7):1585-94

[PMID: 24463816](#) | doi: 10.1242/jcs.141069.

224. Tracking the Luminal Exposure and Lymphatic Drainage Pathways of Intravaginal and Intra-rectal Inocula Used in Nonhuman Primate Models of HIV Transmission.

Smedley J, Turkbey B, Bernardo ML, Del Prete GQ, Estes JD, Griffiths GL, Kobayashi H, Choyke PL, Lifson JD, Keele BF.

PLoS One. 2014 Mar 25;9(3):e92830.

[PMID: 24667371](#) | doi: 10.1371/journal.pone.0092830.

225. Acute hypernatremia promotes anxiolysis and attenuates stress-induced activation of the hypothalamic-pituitary-adrenal axis in male mice.

Smith JA, Wang L, Hiller H, Taylor CT, de Kloet AD, Krause EG.
Physiol Behav. 2014 Apr 2. pii: S0031-9384(14)00173-5.

[PMID: 24704193](#) | doi: 10.1016/j.physbeh.2014.03.027.

	CANCER	HPV	INFECTIOUS	INFLAMMATION	NEUROSCIENCE	NON-CODING RNA	STEM CELL	DEVELOPMENTAL	OTHER
219. Mucoepidermoid Carcinoma Does Not Harbor Transcriptionally Active High Risk Human Papillomavirus Even in the Absence of the MAML2 Translocation	●	●	●						
220. Detection of viral pathogens in high grade gliomas from unmapped next-generation sequencing data.			●						
221. DUOX2 and DUOXA2 form the predominant enzyme system capable of producing the reactive oxygen species H2O2 in active ulcerative colitis and are modulated by 5-aminosalicylic acid.				●					
222. Temporal and tissue-specific disruption of LINC complexes in vivo.									●
223. Modulation of hypoxia-signaling pathways by extracellular linc-RoR.						●			
224. Tracking the Luminal Exposure and Lymphatic Drainage Pathways of Intravaginal and Intra-rectal Inocula Used in Nonhuman Primate Models of HIV Transmission.			●						
225. Acute hypernatremia promotes anxiolysis and attenuates stress-induced activation of the hypothalamic-pituitary-adrenal axis in male mice.									●

2014 PUBLICATIONS

	CANCER	HPV	INFECTIOUS	INFLAMMATION	NEUROSCIENCE	NON-CODING RNA	STEM CELL	DEVELOPMENTAL	OTHER
<p>226. Disruption of G-protein $\gamma 5$ subtype causes embryonic lethality in mice. Moon AM, Stauffer AM, Schwindinger WF, Sheridan K, Firment A, Robishaw JD. PLoS One. 2014 Mar 5;9(3):e90970 PMID: 24599258 doi: 10.1371/journal.pone.0090970.</p>									●
<p>227. Application of a Novel and Automated Branched DNA in Situ Hybridization Method for the Rapid and Sensitive Localization of mRNA Molecules in Plant Tissues Bowling AJ, Pence HE, Church JB. Applications in Plant Sciences 2(4):1400011. 2014 doi: http://dx.doi.org/10.3732/apps.1400011</p>									●
<p>228. Clinical application of circulating tumor cells in breast cancer. Broersen LH, Van Pelt GW, Tollenaar RA, Mesker WE. (2014). Cellular Onc., 1–7. PMID: 24249155 doi: 10.1371/journal.pone.0054543.</p>	●						●		
<p>229. A collagen-remodeling gene signature regulated by TGF-β signaling is associated with metastasis and poor survival in serous ovarian cancer. Cheon DJ, Tong Y, Sim MS, Dering J, Berel D, Cui X, Lester J, Beach JA, Tighiouart M, Walts AE, Karlan BY, Orsulic S (2014). Clin Cancer Res. Feb 1; 20(3):711–723. PMID: 24218511 doi: 10.1158/1078-0432.CCR-13-1256.</p>	●								
<p>230. Possible role of <i>Cdx2</i> in the serrated pathway of colorectal cancer characterized by <i>BRAF</i> mutation, high-level CpG Island methylator phenotype and mismatch repair-deficiency. Dawson H, Galván JA, Helbling M, Muller DE, Karamitopoulou E, Koelzer VH, Economou M, Hammer C, Lugli A, Zlobec I (2014). Int J Cancer. May 15;134(10):2342-51. PMID: 24166180 doi: 10.1002/ijc.28564.</p>	●								
<p>231. Post-transcriptional regulation of ITGB6 protein levels in damaged skeletal muscle. Ducceschi M, Clifton LG, Stimpson SA, Billin AN (2014). J Mol Histol. Feb 2. PMID: 24488487</p>									●
<p>232. Human papilloma virus testing in oropharyngeal squamous cell carcinoma: What the clinician should know. Mirghani H, Amen F, Moreau F3, Guigay J, Ferchiou M, Melkane AE, Hartl DM, Lacau St Guily J (2014). Oral oncology, 50(1):1–9. PMID: 24169585 doi: 10.1016/j.oraloncology.2013.10.008.</p>	●	●	●						

2014 PUBLICATIONS

	CANCER	HPV	INFECTIOUS	INFLAMMATION	NEUROSCIENCE	NON-CODING RNA	STEM CELL	DEVELOPMENTAL	OTHER
<p>233. Human papillomavirus (HPV) status of non-tobacco related squamous cell carcinomas of the lateral tongue. Poling JS, Ma XJ, Bui S, Luo Y, Li R, Koch WM, Westra WH (2014). Oral Oncol. Apr; 50(4):306–310. PMID: 24485566 doi: 10.1016/j.oraloncology.2014.01.006.</p>	●	●	●						
<p>234. <i>In situ</i> Tumor PD-L1 mRNA expression is associated with increased TILs and better outcome in breast carcinomas. Schalper KA, Velcheti V, Carvajal D, Wimberly H, Brown J, Pusztai L, Rimm DL (2014) Clin Cancer Res. Mar 19. PMID: 24647569 doi: 10.1158/1078-0432.CCR-13-2702.</p>	●								
<p>235. The PAS positive material in gastric cancer cells of signet ring type is not mucin. Sørdal O, Qvigstad G, Nordrum IS, Sandvik AK, Gustafsson BI, Waldum H (2014) Exp Mol Pathol. Feb 28. pii: S0014-4800(14)00023–9. PMID: 24589859 doi: 10.1016/j.yexmp.2014.02.008</p>	●								
<p>236. Utility of PAX8 mouse monoclonal antibody in the diagnosis of thyroid, thymic, pleural, and lung tumors: a comparison with polyclonal PAX8 antibody. Toriyama A, Mori T, Sekine S, Yoshida A, Hino O, Tsuta K (2014) Histopathology. Mar 4. PMID: 24592933 doi: 10.1111/his.12405.</p>	●								
<p>237. Programmed death ligand-1 expression in non-small cell lung cancer. Velcheti V, Schalper KA, Carvajal DE, Anagnostou VK, Syrigos KN, Sznol M, Herbst RS, Gettinger SN, Chen L, Rimm DL (2014). Lab Invest. 2014 Jan;94(1):107-16. PMID: 24217091 doi: 10.1038/labinvest.2013.130.</p>	●								
<p>238. RNAscope for <i>In situ</i> Detection of Transcriptionally Active Human Papillomavirus in Head and Neck Squamous Cell Carcinoma. Wang H, Wang MX, Su N, Wang LC, Wu X, Bui 1, Nielsen A, Vo HT, Nguyen N, Luo Y, Ma XJ (2014). J Vis Exp. Mar 11;(85). PMID: 24637627 doi: 10.3791/51426.</p>	●	●	●						
<p>239. Application of circulating tumor cells scope technique on circulating tumor cell research. Yang D, Wang L, Tian X (2014). Molecular and Cellular Therapies 2014, 2:8 doi:10.1186/2052-8426-2-8.</p>	●								

2013 PUBLICATIONS

	CANCER	HPV	INFECTIOUS	INFLAMMATION	NEUROSCIENCE	NON-CODING RNA	STEM CELL	DEVELOPMENTAL	OTHER
<p>240. Expression Profiling Reveals Developmentally Regulated lncRNA Repertoire in the Mouse Male Germline. Bao J, Wu J, Schuster AS, Hennig GW, Yan W (2013). Biology of reproduction, 89(5):107. PMID: 24048575 doi: 10.1095/biolreprod.113.113308.</p>						●	●		
<p>241. Detection and significance of human papillomavirus, CDKN2A(p16) and CDKN1A(p21) expression in squamous cell carcinoma of the larynx. Chernock RD, Wang X, Gao G, Lewis JS Jr, Zhang Q, Thorstad WL, El-Mofty SK. Mod Pathol. 2013 Feb;26(2):223-31. PMID: 22996374 doi: 10.1038/modpathol.2012.159.</p>	●	●	●						
<p>242. Lrig2-deficient mice are protected against PDGFB-induced glioma. Rondahl V, Holmlund C, Karlsson T, Wang B, Faraz M, Henriksson R, Hedman H. PLoS One. 2013 Sep 4;8(9):e73635. PMID: 24023893 doi: 10.1371/journal.pone.0073635.</p>	●				●				
<p>243. In situ hybridization in human and rodent tissue by the use of a new and simplified method. Sørdal Ø, Qvigstad G, Nordrum IS, Gustafsson B, Waldum HL. Appl Immunohistochem Mol Morphol. 2013 Mar;21(2):185-9. PMID: 22688353 doi: 10.1097/PAI.0b013e31825a0048.</p>									●
<p>244. Noncoding variation of the gene for ferritin light chain in hereditary and age-related cataract. Bennett TM, Maraini G, Jin C, Sun W, Hejtmancik JF, Shiels A. (2013). Molecular vision, 19, 835. PMID: 23592921</p>						●			
<p>245. Novel B19-Like Parvovirus in the Brain of a Harbor Seal. Bodewes R, Rubio García A, Wiersma LC, Getu S, Beukers M, Schapendonk CM, van Run PR, van de Bildt MW, Poen MJ, Osinga N, Sánchez Contreras GJ, Kuiken T, Smits SL, Osterhaus AD (2013). PLoS One, 8(11), e79259. PMID: 24223918 doi: 10.1371/journal.pone.0079259.</p>			●						
<p>246. Effect of GLP1R agonists taspoglutide and liraglutide on primary thyroid C-cells from rodent and man. Boess F, Bertinetti-Lapatki C, Zoffmann S, George C, Pfister T, Roth A, Lee SM, Thasler WE, Singer T, Suter L (2013). Journal of molecular endocrinology, 50(3), 325–336. PMID: 23463748 doi: 10.1530/JME-12-0186.</p>									●

2013 PUBLICATIONS

	CANCER	HPV	INFECTIOUS	INFLAMMATION	NEUROSCIENCE	NON-CODING RNA	STEM CELL	DEVELOPMENTAL	OTHER
<p>247. Relevance of <i>TNBS</i>-Colitis in Rats: A Methodological Study with Endoscopic, Historical and Transcriptomic Characterization and Correlation to IBD. Brenna Ø, Furnes MW, Drozdov I, van Beelen Granlund A, Flatberg A, Sandvik AK, Zwiggelaar RT, Mårvik R, Nordrum IS, Kidd M, Gustafsson BI (2013). PLoS One, 8(1), e54543. PMID: 23382912 doi: 10.1371/journal.pone.0054543.</p>				●					
<p>248. Monitoring Tumorigenesis and Senescence <i>In Vivo</i> with a p16 INK4a Luciferase Model. Burd CE, Sorrentino JA, Clark KS, Darr DB, Krishnamurthy J, Deal AM, Bardeesy N, Castrillon DH, Beach DH, Sharpless NE (2013). Cell, 152(1), 340–351. PMID: 23332765 doi: 10.1016/j.cell.2012.12.010.</p>	●								
<p>249. Kappa opioid receptors on dopaminergic neurons are necessary for kappa-mediated place aversion. Chefer VI, Bäckman CM, Gigante ED, Shippenberg TS (2013). Neuropsychopharmacology. Dec; 38(13):2623-31. PMID: 23921954 doi: 10.1038/npp.2013.171.</p>					●				
<p>250. Extensive HPV-Related Carcinoma <i>In Situ</i> of the Upper Aerodigestive Tract with ‘Nonkeratinizing’ Histologic Features. Chernock RD, Nussenbaum B, Thorstad WL, Luo Y, Ma XJ, El-Mofty SK, Lewis JS Jr (2013). Head and neck pathology, 1–7. PMID: 24151062.</p>	●	●	●						
<p>251. Cell-Autonomous and Non-Cell-Autonomous Mechanisms of <i>HGF/MET</i>-Driven Resistance to Targeted Therapies: From Basic Research to a Clinical Perspective Corso, S, Giordano, S (2013). Cancer discovery, 3(9), 978–992. PMID: 23901039 doi: 10.1158/2159-8290.CD-13-0040.</p>	●								
<p>252. Evidence for novel Hepaciviruses in rodents. Drexler JF, Corman VM, Müller MA, Lukashev AN, Gmyl A, Coutard B, Adam A, Ritz D, Leijten LM, van Riel D, Kallies R, Kloze SM, Gloza-Rausch F, Binger T, Annan A, Adu-Sarkodie Y, Oppong S, Bourgarel M, Rupp D, Hoffmann B, Schlegel M, Kümmerer BM, Krüger DH, Schmidt-Chanasit J, Setién AA, Cottontail VM, Hemachudha T, Wacharapluesadee S, Osterrieder K, Bartenschlager R, Matthee S, Beer M, Kuiken T, Reusken C, Leroy EM, Ulrich RG, Drosten C (2013). PLoS pathogens, 9(6), e1003438. PMID: 23818848 doi: 10.1371/journal.ppat.1003438.</p>			●						

2013 PUBLICATIONS

	CANCER	HPV	INFECTIOUS	INFLAMMATION	NEUROSCIENCE	NON-CODING RNA	STEM CELL	DEVELOPMENTAL	OTHER
<p>253. Detection of HPV infection in head and neck squamous cell carcinoma: a practical proposal. Dreyer JH, Hauck F, Oliveira-Silva M, Barros MH, Niedobitek G. (2013). Virchows Archiv, 1–9. PMID: 23503925 doi: 10.1007/s00428-013-1393-5.</p>	●	●	●						
<p>254. Validation of esophageal squamous cell carcinoma candidate genes from high-throughput transcriptomic studies. Du Q, Yan W, Burton VH, Hewitt SM, Wang L, Hu N, Taylor PR, Armani MD, Mukherjee S, Emmert-Buck MR, Tangrea MA (2013). American journal of cancer research, 3(4), 402. PMID: 23977449</p>	●								
<p>255. The effects of unilateral truncal vagotomy on gastric carcinogenesis in hypergastrinemic Japanese female cotton rats. Fossmark R, Sørdal ØF, Bakkelund KE, Nordrum IS, Waldum H (2013). Regulatory peptides, 184:62–67. PMID: 23499800 doi: 10.1016/j.regpep.2013.03.006.</p>	●								
<p>256. A novel RT-PCR method for quantification of human papillomavirus transcripts in archived tissues and its application in oropharyngeal cancer prognosis. Gao G, Chernock RD, Gay HA, Thorstad WL, Zhang TR, Wang H, Ma XJ, Luo Y, Lewis JS Jr, Wang X (2013). International Journal of Cancer, 132(4), 882–890. PMID: 22821242 doi: 10.1002/ijc.27739.</p>	●	●	●						
<p>257. Cerebellar granule neuron progenitors are the source of <i>Hk2</i> in the postnatal cerebellum. Gershon TR, Crowther AJ, Liu H, Miller CR, Deshmukh M (2013). Cancer & Metabolism, 1(1), 15. PMID: 24280296 doi: 10.1186/2049-3002-1-15.</p>						●			
<p>258. Fibroblast growth factor receptor 1 as a putative therapy target in colorectal cancer. Göke F, Göke A, von Mässenhausen A, Franzen A, Sharma R, Kirsten R, Böhm D, Kristiansen G, Stenzinger A, Wynes M, Hirsch FR, Weichert W, Heasley L, Buettner R, Perner S (2013). Digestion. 88(3):172–181. PMID: 24135816 doi: 10.1159/000355018</p>	●			●					
<p>259. Detection of Low Abundance RNA Molecules in Individual Cells by Flow Cytometry. Hanley MB, Lomas W, Mittar D, Maino V, Park E (2013). PLoS One, 8(2), e57002. PMID: 23441230 doi: 10.1371/journal.pone.0057002.</p>			●						

2013 PUBLICATIONS

	CANCER	HPV	INFECTIOUS	INFLAMMATION	NEUROSCIENCE	NON-CODING RNA	STEM CELL	DEVELOPMENTAL	OTHER
<p>260. The microglial sensome revealed by direct RNA sequencing. Hickman SE, Kingery ND, Ohsumi TK, Borowsky ML, Wang LC, Means TK, El Khoury J (2013). <i>Nature neuroscience</i>, 16(12):1896–905. PMID: 24162652 doi: 10.1038/nn.3554.</p>					●				
<p>261. Distribution of <i>LGR5+</i> Cells and Associated Implications during the Early Stage of Gastric Tumorigenesis. Jang BG, Lee BL, Kim WH. (2013). <i>PLoS One</i>, 8(12):e82390. PMID: 24340024 doi: 10.1371/journal.pone.0082390.</p>	●						●		
<p>262. <i>In situ</i> analysis of <i>HER2</i> mRNA in gastric carcinoma: comparison with fluorescence <i>in situ</i> hybridization, dual-color silver <i>in situ</i> hybridization, and immunohistochemistry. Kim MA, Jung JE, Lee HE, Yang HK, Kim WH (2013). <i>Human pathology</i>, 44(4):487–94. PMID: 23084583 doi: 10.1016/j.humpath.2012.06.022.</p>	●								
<p>263. Interfollicular Epidermal Stem Cells Self-Renew via Autocrine <i>Wnt</i> Signaling. Lim X, Tan SH, Koh WL, Chau RM, Yan KS, Kuo CJ, van Amerongen R, Klein AM, Nusse R (2013). <i>Science</i>, 342(6163), 1226–1230. PMID: 24311688 doi: 10.1126/science.1239730.</p>							●		
<p>264. Papillary Squamous Cell Carcinoma of the Head and Neck: Clinicopathologic and Molecular Features with Special Reference to Human Papillomavirus. Mehrad M, Carpenter DH, Chernock RD, Wang H, Ma XJ, Luo Y, Luo J, Lewis JS Jr, El-Mofty SK. (2013). <i>The American journal of surgical pathology</i>, 37(9):1349–1356. PMID: 23797720 doi: 10.1097/PAS.0b013e318290427d.</p>	●	●	●						
<p>265. <i>Cited1</i> Deficiency Suppresses Intestinal Tumorigenesis. Méniel V, Song F, Phesse T, Young M, Poetz O, Parry L, Jenkins JR, Williams GT, Dunwoodie SL, Watson A, Clarke AR (2013). <i>PLoS genetics</i>, 9(8), e1003638. PMID: 23935526 doi: 10.1371/journal.pgen.1003638.</p>	●			●					
<p>266. Deregulation of the cell polarity protein Lethal giant larvae 2 (<i>Lgl2</i>) correlates with gastric cancer progression. Nam KH, Kim MA, Choe G, Kim WH, Lee HS (2013). <i>Gastric Cancer</i>, 1–11. PMID: 24337435</p>	●								
<p>267. Expression of Toll-Like Receptor 3 is enhanced in active Inflammatory Bowel Disease and mediates the excessive release of Lipocalin 2. Østvik AE, Granlund AV, Torp SH, Flatberg A, Beisvåg V, Waldum HL, Flo TH, Espevik T, Damås JK, Sandvik AK (2013). <i>Clin Exp Immunol</i>. 2013 Sep;173(3):502-11. PMID: 23668802 doi: 10.1111/cei.12136.</p>				●					

2013 PUBLICATIONS

	CANCER	HPV	INFECTIOUS	INFLAMMATION	NEUROSCIENCE	NON-CODING RNA	STEM CELL	DEVELOPMENTAL	OTHER
<p>268. T-cell infiltration correlates with <i>CXCL10</i> expression in ganglia of cynomolgus macaques with reactivated simian varicella virus. Ouwendijk WJ, Abendroth A, Traina-Dorge V, Getu S, Steain M, Wellish M, Andeweg AC, Osterhaus AD, Gilde D, Verjans GM, Mahalingam R (2013). Journal of virology, 87(5), 2979–2982. PMID: 23269790 doi: 10.1128/JVI.03181-12.</p>			●						
<p>269. The long noncoding RNA <i>SChLAP1</i> promotes aggressive prostate cancer and antagonizes the SWI/SNF complex. Prensner JR, Iyer MK, Sahu A, Asangani IA, Cao Q, Patel L, Vergara IA, Davicioni E, Erho N, Ghadessi M, Jenkins RB, Triche TJ, Malik R, Bedenis R, McGregor N, Ma T, Chen W, Han S, Jing X, Cao X, Wang X, Chandler B, Yan W, Siddiqui J, Kunju LP, Dhanasekaran SM, Pienta KJ, Feng FY, Chinnaiyan AM (2013). Nature genetics, 45(11):1392–1398. PMID: 24076601 doi: 10.1038/ng.2771.</p>	●					●			
<p>270. <i>Pin1</i> modulates ERα levels in breast cancer through inhibition of phosphorylation-dependent ubiquitination and degradation. Rajbhandari P, Schalper KA, Solodin NM, Ellison-Zelski SJ, Ping Lu K, Rimm DL, Alarid ET (2013). Oncogene. 2014 Mar 13;33(11):1438-47. PMID: 23542176 doi: 10.1038/onc.2013.78.</p>	●								
<p>271. Hamster-Adapted Sin Nombre Virus Causes Disseminated Infection and Efficiently Replicates in Pulmonary Endothelial Cells without Signs of Disease. Safronetz D, Prescott J, Haddock E, Scott DP, Feldmann H, Ebihara H. (2013). Journal of virology, 87(8), 4778–4782. PMID: 23388711 doi: 10.1128/JVI.03291-12.</p>			●						
<p>272. Cyclin D1—a prognostic marker in oropharyngeal squamous cell carcinoma that is tightly associated with high-risk human papillomavirus status. Scantlebury JB, Luo J, Thorstad WL, El-Mofty SK, Lewis JS Jr (2013). Human pathology, 44(8):1672–1680. PMID: 23566410 doi: 10.1016/j.humpath.2013.01.021.</p>	●								
<p>273. Validation of a novel diagnostic standard in HPV-positive oropharyngeal squamous cell carcinoma. Schache AG, Liloglou T, Risk JM, Jones TM, Ma XJ, Wang H, Bui S, Luo Y, Sloan P, Shaw RJ, Robinson M (2013). British journal of cancer, 108(6):1332–1339. PMID: 23412100 doi: 10.1038/bjc.2013.63.</p>	●	●	●						

2013 PUBLICATIONS

	CANCER	HPV	INFECTIOUS	INFLAMMATION	NEUROSCIENCE	NON-CODING RNA	STEM CELL	DEVELOPMENTAL	OTHER
<p>274. High Heregulin Expression is Associated with Activated <i>HER3</i> and May Define an Actionable Biomarker in Patients with Squamous Cell Carcinomas of the Head and Neck. Shames DS, Carbon J, Walter K, Jubb AM, Kozlowski C, Januario T, AnDo, Fu L, Xiao Y, Raja R, Jiang B, Malekafzali A, Stern H, Settleman J, Wilson TR, Hampton GM, Yauch RL, Pirzkall A, Amler LC (2013). PLoS One, 8(2), e56765. PMID: 23468880 doi: 10.1371/journal.pone.0056765.</p>	●								
<p>275. Development, composition, and structural arrangements of the ciliary zonule of the mouse. Shi Y, Tu Y, De Maria A, Mecham RP, Bassnett S (2013). Investigative ophthalmology & visual science, 54(4), 2504–2515. PMID: 23493297 doi: 10.1167/iovs.13-11619.</p>									●
<p>276. A mouse model of chronic prostatic inflammation using a human prostate cancer-derived isolate of <i>Propionibacterium acnes</i>. Shinohara DB, Vaghasia AM, Yu SH, Mak TN, Brüggemann H, Nelson WG, De Marzo AM, Yegnasubramanian S, Sfanos KS (2013). Prostate, 73(9):1007–1015. PMID: 23389852 doi: 10.1002/pros.22648.</p>	●			●					
<p>277. The Gastrin Receptor Antagonist Netazepide (<i>YF476</i>) Prevents Oxyntic Mucosal Inflammation Induced by <i>Helicobacter Pylori</i> Infection in Mongolian Gerbils. Sørdal Ø, Waldum H, Nordrum IS, Boyce M, Bergh K, Munkvold B, Qvigstad G. (2013). Helicobacter, 18(6), 397–405. PMID: 23865485 doi: 10.1111/hel.12066.</p>				●					
<p>278. Myeloid cell receptor <i>LRP1/CD91</i> regulates monocyte recruitment and angiogenesis in tumors. Staudt ND, Jo M, Hu J, Bristow JM, Pizzo DP, Gaultier A, VandenBerg SR, Gonias SL. (2013). Cancer research, 73(13):3902–12. PMID: 23633492 doi: 10.1158/0008-5472.CAN-12-4233.</p>	●								
<p>279. Expression of Toll-Like Receptor 4 in Glomerular Endothelial Cells under Diabetic Conditions. Takata S, Sawa Y, Uchiyama T, Ishikawa H (2013). Acta histochemica et cytochemica, 46(1), 35–42. PMID: 23554538 doi: 10.1267/ahc.13002.</p>				●					

2013 PUBLICATIONS

	CANCER	HPV	INFECTIOUS	INFLAMMATION	NEUROSCIENCE	NON-CODING RNA	STEM CELL	DEVELOPMENTAL	OTHER
<p>280. Ultrasensitive RNA <i>In Situ</i> Hybridization for Detection of Restricted Clonal Expression of Low-Abundance Immunoglobulin Light Chain mRNA in B-Cell Lymphoproliferative Disorders.</p> <p>Tubbs RR, Wang H, Wang Z, Minca EC, Portier BP, Gruver AM, Lanigan C, Luo Y, Cook JR, Ma XJ (2013). American journal of clinical pathology, 140(5):736–746. PMID: 24124155 doi: 10.1309/AJCPJTWK07FSABRJ.</p>	●								
<p>281. <i>REG</i> gene expression in inflamed and healthy colon mucosa explored by <i>in situ</i> hybridisation.</p> <p>Van Beelen Granlund A, Østvik AE, Brenna Ø, Torp SH, Gustafsson BI, Sandvik AK (2013). Cell and tissue research, 352(3):639–646. PMID: 23519454 doi: 10.1007/s00441-013-1592-z.</p>	●			●					
<p>282. Automated Quantitative RNA <i>in situ</i> Hybridization for Resolution of Equivocal and Heterogeneous <i>ERBB2</i> (<i>HER2</i>) Status in Invasive Breast Carcinoma.</p> <p>Wang Z, Portier BP, Gruver AM, Bui S, Wang H, Su N, Vo HT, Ma XJ, Luo Y, Budd GT, Tubbs RR (2013). The Journal of Molecular Diagnostics, 15(2), 210–219. PMID: 23305906 doi: 10.1016/j.jmoldx.2012.10.003.</p>	●								
<p>283. Evaluation of tissue <i>PCA3</i> expression in prostate cancer by RNA <i>in situ</i> hybridization—a correlative study with urine <i>PCA3</i> and <i>TMPRSS2-ERG</i>.</p> <p>Warrick JI, Tomlins SA, Carskadon SL, Young AM, Siddiqui J, Wei JT, Chinnaiyan AM, Kunju LP, Palanisamy N (2013). Modern Pathology, Sep 27. PMID: 24072184 doi: 10.1038/modpathol.2013.169.</p>	●					●			
<p>284. Spindle Cell Carcinomas of the Head and Neck Rarely Harbor Transcriptionally-Active Human Papillomavirus.</p> <p>Watson RF, Chernock RD, Wang X, Liu W, Ma XJ, Luo Y, Wang H, El-Mofty SK, Lewis JS Jr (2013). Head and neck pathology, ;7(3):250–257. PMID: 23536041 doi: 10.1007/s12105-013-0438-z.</p>	●	●	●						
<p>285. Glutamate Mediates the Function of Melanocortin Receptor 4 on <i>Sim1</i> Neurons in Body Weight Regulation.</p> <p>Xu Y, Wu Z, Sun H, Zhu Y, Kim ER, Lowell BB, Arenkiel BR, Xu Y, Tong Q (2013). Cell metabolism, 18(6), 860–870. PMID: 24315371 doi: 10.1016/j.cmet.2013.11.003.</p>					●				
<p>286. <i>In situ</i> validation of an intestinal stem cell signature in colorectal cancer.</p> <p>Ziskin JL, Dunlap D, Yaylaoglu M, Fodor IK, Forrest WF, Patel R, Ge N, Hutchins GG, Pine JK, Quirke P, Koeppen H, Jubb AM (2013). Gut, 62(7), 1012–1023. PMID: 22637696 doi: 10.1136/gutjnl-2011-301195.</p>	●						●		

2012 PUBLICATIONS

	CANCER	HPV	INFECTIOUS	INFLAMMATION	NEUROSCIENCE	NON-CODING RNA	STEM CELL	DEVELOPMENTAL	OTHER
<p>287. Restriction of intestinal stem cell expansion and the regenerative response by YAP. Barry ER, Morikawa T, Butler BL, Shrestha K, de la Rosa R, Yan KS, Fuchs CS, Magness ST, Smits R, Ogino S, Kuo CJ, Camargo FD (2012). <i>Nature</i>, 493(7430), 106–110. PMID: 23178811 doi: 10.1038/nature11693.</p>							●		
<p>288. Detection of transcriptionally active high-risk HPV in patients with head and neck squamous cell carcinoma as visualized by a novel E6/E7 mRNA <i>in situ</i> hybridization method. Bishop JA, Ma XJ, Wang H, Luo Y, Illei PB, Begum S, Taube JM, Koch WM, Westra WH (2012). <i>Am J Surg Pathol</i>. Dec;36(12):1874–1882. PMID: 23060353 doi: 10.1097/PAS.0b013e318265fb2b.</p>	●	●	●						
<p>289. Quantitative <i>in situ</i> measurement of estrogen receptor mRNA predicts response to tamoxifen. Bordeaux JM, Cheng H, Welsh AW, Haffty BG, Lannin DR, Wu X, Su N, Ma XJ, Luo Y, Rimm DL. (2012). <i>PLoS One</i>, 7(5):e36559. PMID: 22606272 doi: 10.1371/journal.pone.0036559.</p>	●								
<p>290. Transcriptionally-active high-risk human papillomavirus is rare in oral cavity and laryngeal/hypopharyngeal squamous cell carcinomas—a tissue microarray study utilizing E6/E7 mRNA <i>in situ</i> hybridization. Lewis JS Jr, Ukpo OC, Ma XJ, Flanagan JJ, Luo Y, Thorstad WL, Chernock RD (2012) <i>Histopathology</i>. May; 60(6):982-91. PMID: 22360821 doi: 10.1111/j.1365-2559.2011.04169.x.</p>	●	●	●						
<p>291. Partial p16 staining in oropharyngeal squamous cell carcinoma: extent and pattern correlate with human papillomavirus RNA status. Lewis JS Jr, Chernock RD, Ma XJ, Flanagan JJ, Luo Y, Gao G, Wang X, El-Mofty SK (2012) <i>Mod Pathol</i>. 2012 Sep;25(9):1212-20. PMID: 22596101 doi: 10.1038/modpathol.2012.79.</p>	●	●	●						
<p>292. Spinal interleukin-17 promotes thermal hyperalgesia and NMDA NR1 phosphorylation in an inflammatory pain rat model. Meng X, Zhang Y, Lao L, Saito R, Li A, Bäckman CM, Berman BM, Ren K, Wei PK, Zhang RX (2012). <i>Pain</i>, 154(2):294–305. PMID: 23246025 doi: 10.1016/j.pain.2012.10.022.</p>					●				
<p>293. Viable circulating tumour cell detection using multiplex RNA <i>in situ</i> hybridisation predicts progression-free survival in metastatic breast cancer patients. Payne RE, Wang F, Su N, Krell J, Zebrowski A, Yagüe E, Ma XJ, Luo Y, Coombes RC (2012). <i>British journal of cancer</i>, 106(11), 1790–1797. PMID: 22538972 doi: 10.1038/bjc.2012.137.</p>	●								

2012 PUBLICATIONS

	CANCER	HPV	INFECTIOUS	INFLAMMATION	NEUROSCIENCE	NON-CODING RNA	STEM CELL	DEVELOPMENTAL	OTHER
<p>294. From morphologic to molecular: established and emerging molecular diagnostics for breast carcinoma. Portier BP, Gruver AM, Huba MA, Minca EC, Cheah AL, Wang Z, Tubbs RR (2012). <i>New Biotechnology</i>, 29(6), 665–681. PMID: 22504737 doi: 10.1016/j.nbt.2012.03.011.</p>	●								
<p>295. B7-H1 Expression Model for Immune Evasion in Human Papillomavirus-Related Oropharyngeal Squamous Cell Carcinoma. Ukpo OC, Thorstad WL, Lewis JS Jr (2012). <i>Head and neck pathology</i>, 7(2):113–21. PMID: 23179191 doi: 10.1007/s12105-012-0406-z.</p>	●	●	●						
<p>296. RNAscope: a novel <i>in situ</i> RNA analysis platform for formalin-fixed, paraffin-embedded tissues. Wang F, Flanagan, J, Su N, Wang LC, Bui S, Nielson A, Wu X, Vo HT, Ma XJ, Luo Y. (2012). <i>The Journal of Molecular Diagnostics</i>, 14(1), 22–29. PMID: 22166544 doi: 10.1016/j.jmoldx.2011.08.002.</p>	●		●						
<p>297. The intestinal stem cell markers <i>Bmi1</i> and <i>Lgr5</i> identify two functionally distinct populations. Yan KS, Chia LA, Li X, Ootani A, Su J, Lee JY, Su N, Luo Y, Heilshorn SC, Amieva MR, Sangiorgi E, Capecchi MR, Kuo CJ (2012). <i>Proceedings of the National Academy of Sciences</i>, 109(2), 466–471. PMID: 22190486 doi: 10.1073/pnas.1118857109.</p>							●		

2011 PUBLICATIONS

298. Specific Regulation of *NRG1* Isoform Expression by Neuronal Activity.

Liu X, Bates R, Yin DM, Shen C, Wang F, Su N, Kirov SA, Luo Y, Wang JZ, Xiong WC, Mei L (2011). *J of Neuroscience*, 31(23):8491–8501.

[PMID: 21653853](#) | doi: 10.1523/JNEUROSCI.5317-10.2011.

299. Adenosquamous Carcinoma of the Head and Neck: Relationship to Human Papillomavirus and Review of the Literature.

Masand RP, El-Mofty SK, Ma XJ, Luo Y, Flanagan JJ, Lewis JS Jr (2011). *Head & Neck Pathology*, 5(2):108–116.

[PMID: 21305368](#) | doi: 10.1007/s12105-011-0245-3.

300. Identification of a disease-defining gene fusion in epithelioid hemangioendothelioma.

Tanas MR, Sboner A, Oliveira AM, Erickson-Johnson MR, Hespelt J, Hanwright PJ, Flanagan J, Luo Y, Fenwick K, Natrajan R, Mitsopoulos C, Zvelebil M, Hoch BL, Weiss SW, Debiec-Rychter M, Sciot R, West RB, Lazar AJ, Ashworth A, Reis-Filho JS, Lord CJ, Gerstein MB, Rubin MA, Rubin BP (2011).

Science translational medicine, 3(98), 98ra82-98ra82.

[PMID: 21885404](#) | doi: 10.1126/scitranslmed.3002409.

301. High-Risk Human Papillomavirus *E6/E7* mRNA Detection by a Novel *In Situ* Hybridization Assay Strongly Correlates With p16 Expression and Patient Outcomes in Oropharyngeal Squamous Cell Carcinoma.

Ukpo OC, Flanagan JJ, Ma XJ, Ma XJ, Luo Y, Thorstad WL, Lewis JS Jr (2011). *American J of Surgical Pathology*, 35(9):1343–1350.

[PMID: 21836494](#) | doi: 10.1097/PAS.0b013e318220e59d.

	CANCER	HPV	INFECTIOUS	INFLAMMATION	NEUROSCIENCE	NON-CODING RNA	STEM CELL	DEVELOPMENTAL	OTHER
298. Specific Regulation of <i>NRG1</i> Isoform Expression by Neuronal Activity. Liu X, Bates R, Yin DM, Shen C, Wang F, Su N, Kirov SA, Luo Y, Wang JZ, Xiong WC, Mei L (2011). <i>J of Neuroscience</i> , 31(23):8491–8501. PMID: 21653853 doi: 10.1523/JNEUROSCI.5317-10.2011.					●				
299. Adenosquamous Carcinoma of the Head and Neck: Relationship to Human Papillomavirus and Review of the Literature. Masand RP, El-Mofty SK, Ma XJ, Luo Y, Flanagan JJ, Lewis JS Jr (2011). <i>Head & Neck Pathology</i> , 5(2):108–116. PMID: 21305368 doi: 10.1007/s12105-011-0245-3.	●	●	●						
300. Identification of a disease-defining gene fusion in epithelioid hemangioendothelioma. Tanas MR, Sboner A, Oliveira AM, Erickson-Johnson MR, Hespelt J, Hanwright PJ, Flanagan J, Luo Y, Fenwick K, Natrajan R, Mitsopoulos C, Zvelebil M, Hoch BL, Weiss SW, Debiec-Rychter M, Sciot R, West RB, Lazar AJ, Ashworth A, Reis-Filho JS, Lord CJ, Gerstein MB, Rubin MA, Rubin BP (2011). <i>Science translational medicine</i> , 3(98), 98ra82-98ra82. PMID: 21885404 doi: 10.1126/scitranslmed.3002409.									●
301. High-Risk Human Papillomavirus <i>E6/E7</i> mRNA Detection by a Novel <i>In Situ</i> Hybridization Assay Strongly Correlates With p16 Expression and Patient Outcomes in Oropharyngeal Squamous Cell Carcinoma. Ukpo OC, Flanagan JJ, Ma XJ, Ma XJ, Luo Y, Thorstad WL, Lewis JS Jr (2011). <i>American J of Surgical Pathology</i> , 35(9):1343–1350. PMID: 21836494 doi: 10.1097/PAS.0b013e318220e59d.	●	●	●						

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