

Year	Journal	Volume	Page	Title	PMID	Authors
2020	Nature	577	421-425	Rapid non-uniform adaptation to conformation-specific KRAS(G12C) inhibition.	31915379	Xue, Jenny Y; Zhao, Yulei; Aronowitz, Jordan; Mai, Trang T; Vides, Alberto; Qeriqi, Besnik; Kim, Dongsung; Li, Chuanchuan; de Stanchina, Elisa; Mazutis, Linas; Risso, Davide; Lito, Piro
2020	Nature	583	127-132	Senolytic CAR T cells reverse senescence-associated pathologies.	32555459	Amor, Corina; Feucht, Judith; Leibold, Josef; Ho, Yu-Jui; Zhu, Changyu; Alonso-Curbelo, Direna; Mansilla-Soto, Jorge; Boyer, Jacob A; Li, Xiang; Giavridis, Theodoros; Kulick, Amanda; Houlihan, Shauna; Peerschke, Ellinor; Friedman, Scott L; Ponomarev, Vladimir; Piersigilli, Alessandra; Sadelain, Michel; Lowe, Scott W
2020	Cell	181	424-441.e21	Senescence-Induced Vascular Remodeling Creates Therapeutic Vulnerabilities in Pancreas Cancer.	32234521	Ruscetti, Marcus; Morris 4th, John P; Mezzadra, Riccardo; Russell, James; Leibold, Josef; Romesser, Paul B; Simon, Janelle; Kulick, Amanda; Ho, Yu-Jui; Fennell, Myles; Li, Jinyang; Norgard, Robert J; Wilkinson, John E; Alonso-Curbelo, Direna; Sridharan, Ramya; Heller, Daniel A; de Stanchina, Elisa; Stanger, Ben Z; Sherr, Charles J; Lowe, Scott W
2020	Science (New York, N.Y.)	367	586-590	Therapeutic targeting of preleukemia cells in a mouse model of NPM1 mutant acute myeloid leukemia.	32001657	Uckelmann, Hannah J; Kim, Stephanie M; Wong, Eric M; Hatton, Charles; Giovinazzo, Hugh; Gadrey, Jayant Y; Krivtsov, Andrei V; Rücker, Frank G; Döhner, Konstanze; McGeehan, Gerard M; Levine, Ross L; Bullinger, Lars; Vassiliou, George S; Armstrong, Scott A
2020	Nature cancer	1	28-45	L1CAM defines the regenerative origin of metastasis-initiating cells in colorectal cancer.	32656539	Ganesh, Karuna; Basnet, Harihar; Kaygusuz, Yasemin; Laughney, Ashley M; He, Lan; Sharma, Roshan; O'Rourke, Kevin P; Reuter, Vincent P; Huang, Yun-Han; Turkecul, Mesruh; Emrah, Ekrem; Masilionis, Ignas; Manova-Todorova, Katia; Weiser, Martin R; Saltz, Leonard B; Garcia-Aguilar, Julio; Koche, Richard; Lowe, Scott W; Pe'er, Dana; Shia, Jinru; Massagué, Joan
2020	Cancer cell	37	584-598.e11	Loss of CHD1 Promotes Heterogeneous Mechanisms of Resistance to AR-Targeted Therapy via Chromatin Dysregulation.	32220301	Zhang, Zeda; Zhou, Chuanli; Li, Xiaoling; Barnes, Spencer D; Deng, Su; Hoover, Elizabeth; Chen, Chi-Chao; Lee, Young Sun; Zhang, Yanxiao; Wang, Choushi; Metang, Lauren A; Wu, Chao; Tirado, Carla Rodriguez; Johnson, Nickolas A; Wongvipat, John; Navrazhina, Kristina; Cao, Zhen; Choi, Danielle; Huang, Chun-Hao; Linton, Eliot; Chen, Xiaoping; Liang, Yupu; Mason, Christopher E; de Stanchina, Elisa; Abida, Wassim; Lujambio, Amaia; Li, Sheng; Lowe, Scott W; Mendell, Joshua T; Malladi, Venkat S; Sawyers, Charles L; Mu, Ping

2020	Nature structural & molecular biology	27	424-437	RTEL1 suppresses G-quadruplex-associated R-loops at difficult-to-replicate loci in the human genome.	32398827	Wu, Wei; Bhowmick, Rahul; Vogel, Ivan; Özer, Özgün; Ghisays, Fiorella; Thakur, Roshan S; Sanchez de Leon, Esther; Richter, Philipp H; Ren, Liqun; Petrini, John H; Hickson, Ian D; Liu, Ying
2020	Cancer discovery	10	440-459	Selective Inhibition of HDAC3 Targets Synthetic Vulnerabilities and Activates Immune Surveillance in Lymphoma.	31915197	Mondello, Patrizia; Tadros, Saber; Teater, Matt; Fontan, Lorena; Chang, Aaron Y; Jain, Neeraj; Yang, Haopeng; Singh, Shailbala; Ying, Hsia-Yuan; Chu, Chi-Shuen; Ma, Man Chun John; Toska, Eneda; Alig, Stefan; Durant, Matthew; de Stanchina, Elisa; Ghosh, Sreejoyee; Mottok, Anja; Nastoupil, Loretta; Neelapu, Sattva S; Weigert, Oliver; Inghirami, Giorgio; Baselga, José; Younes, Anas; Yee, Cassian; Dogan, Ahmet; Scheinberg, David A; Roeder, Robert G; Melnick, Ari M; Green, Michael R
2020	Cancer discovery	10	1129-1139	EGFR Blockade Reverts Resistance to KRASG12C Inhibition in Colorectal Cancer.	32430388	Amodio, Vito; Yaeger, Rona; Arcella, Pamela; Cancelliere, Carlotta; Lamba, Simona; Lorenzato, Annalisa; Arena, Sabrina; Montone, Monica; Mussolin, Benedetta; Bian, Yu; Whaley, Adele; Pinnelli, Marika; Murciano-Goroff, Yonina R; Vakiani, Efsevia; Valeri, Nicola; Liao, Wei-Li; Bhalkikar, Anuja; Thyparambil, Sheeno; Zhao, Hui-Yong; de Stanchina, Elisa; Marsoni, Silvia; Siena, Salvatore; Bertotti, Andrea; Trusolino, Livio; Li, Bob T; Rosen, Neal; Di Nicolantonio, Federica; Bardelli, Alberto; Misale, Sandra
2020	Cancer cell	38	279-296.e9	Tumor Microenvironment-Derived NRG1 Promotes Antiandrogen Resistance in Prostate Cancer.	32679108	Zhang, Zeda; Karthaus, Wouter R; Lee, Young Sun; Gao, Vianne R; Wu, Chao; Russo, Joshua W; Liu, Menghan; Mota, Jose Mauricio; Abida, Wassim; Linton, Eliot; Lee, Eugene; Barnes, Spencer D; Chen, Hsuan-An; Mao, Ninghui; Wongvipat, John; Choi, Danielle; Chen, Xiaoping; Zhao, Huiyong; Manova-Todorova, Katia; de Stanchina, Elisa; Taplin, Mary-Ellen; Balk, Steven P; Rathkopf, Dana E; Gopalan, Anuradha; Carver, Brett S; Mu, Ping; Jiang, Xuejun; Watson, Philip A; Sawyers, Charles L

2020	Cancer discovery	10	674-687	HER2-Mediated Internalization of Cytotoxic Agents in ERBB2 Amplified or Mutant Lung Cancers.	32213539	Li, Bob T; Michelini, Flavia; Misale, Sandra; Cocco, Emiliano; Baldino, Laura; Cai, Yanyan; Shifman, Sophie; Tu, Hai-Yan; Myers, Mackenzie L; Xu, Chongrui; Mattar, Marissa; Khodos, Inna; Little, Megan; Qeriqi, Besnik; Weitsman, Gregory; Wilhem, Clare J; Lalani, Alshad S; Diala, Irmina; Freedman, Rachel A; Lin, Nancy U; Solit, David B; Berger, Michael F; Barber, Paul R; Ng, Tony; Offin, Michael; Isbell, James M; Jones, David R; Yu, Helena A; Thyparambil, Sheeno; Liao, Wei-Li; Bhalkikar, Anuja; Cecchi, Fabiola; Hyman, David M; Lewis, Jason S; Buonocore, Darren J; Ho, Alan L; Makker, Vicky; Reis-Filho, Jorge S; Razavi, Pedram; Arcila, Maria E; Kris, Mark G; Poirier, John T; Shen, Ronglai; Tsurutani, Junji; Ulaner, Gary A; de Stanchina, Elisa; Rosen, Neal; Rudin, Charles M; Scaltriti, Maurizio
2020	Nature communications	11	319	The epichaperome is a mediator of toxic hippocampal stress and leads to protein connectivity-based dysfunction.	31949159	Inda, Maria Carmen; Joshi, Suhasini; Wang, Tai; Bolaender, Alexander; Gandu, Srinivasa; Koren Iii, John; Che, Alicia Yue; Taldone, Tony; Yan, Pengrong; Sun, Weilin; Uddin, Mohammad; Panchal, Palak; Riolo, Matthew; Shah, Smit; Barlas, Afsar; Xu, Ke; Chan, Lon Yin L; Gruzinova, Alexandra; Kishinevsky, Sarah; Studer, Lorenz; Fossati, Valentina; Noggle, Scott A; White, Julie R; de Stanchina, Elisa; Sequeira, Sonia; Anthoney, Kyle H; Steele, John W; Manova-Todorova, Katia; Patil, Sujata; Dunphy, Mark P; Pillarsetty, NagaVaraKishore; Pereira, Ana C; Erdjument-Bromage, Hediye; Neubert, Thomas A; Rodina, Anna; Ginsberg, Stephen D; De Marco Garcia, Natalia; Luo, Wenjie; Chiosis, Gabriela
2020	Leukemia	34	2025-2037	Loss of glucocorticoid receptor expression mediates in vivo dexamethasone resistance in T-cell acute lymphoblastic leukemia.	32066867	Wandler, Anica M; Huang, Benjamin J; Craig, Jeffrey W; Hayes, Kathryn; Yan, Hannah; Meyer, Lauren K; Scacchetti, Alessandro; Monsalve, Gabriela; Dail, Monique; Li, Qing; Wong, Jasmine C; Weinberg, Olga; Hasserjian, Robert P; Kogan, Scott C; Jonsson, Philip; Yamamoto, Keith; Sampath, Deepak; Nakitandwe, Joy; Downing, James R; Zhang, Jinghui; Aster, Jon C; Taylor, Barry S; Shannon, Kevin
2020	Clinical cancer research : an official journal of the American Association for Cancer Research	26	2932-2945	MAPK Pathway Alterations Correlate with Poor Survival and Drive Resistance to Therapy in Patients with Lung Cancers Driven by ROS1 Fusions.	32122926	Sato, Hiroki; Schoenfeld, Adam J; Siau, Evan; Lu, Yue Christine; Tai, Huichun; Suzawa, Ken; Kubota, Daisuke; Lui, Allan J W; Qeriqi, Besnik; Mattar, Marissa; Offin, Michael; Sakaguchi, Masakiyo; Toyooka, Shinichi; Drilon, Alexander; Rosen, Neal X; Kris, Mark G; Solit, David; De Stanchina, Elisa; Davare, Monika A; Riely, Gregory J; Ladanyi, Marc; Somwar, Romel

2020	Nature communications	11	1975	Modeling biological and genetic diversity in upper tract urothelial carcinoma with patient derived xenografts.	32332851	Kim, Kwanghee; Hu, Wenhua; Audenet, François; Almassi, Nima; Hanrahan, Aphrothiti J; Murray, Katie; Bagrodia, Aditya; Wong, Nathan; Clinton, Timothy N; Dason, Shawn; Mohan, Vishnu; Jebiwott, Sylvia; Nagar, Karan; Gao, Jianjiong; Penson, Alex; Hughes, Chris; Gordon, Benjamin; Chen, Ziyu; Dong, Yiyu; Watson, Philip A; Alvim, Ricardo; Elzein, Arijh; Gao, Sizhi P; Cocco, Emiliano; Santin, Alessandro D; Ostrovnya, Irina; Hsieh, James J; Sagi, Irit; Pietzak, Eugene J; Hakimi, A Ari; Rosenberg, Jonathan E; Iyer, Gopa; Vargas, Herbert A; Scaltriti, Maurizio; Al-Ahmadie, Hikmat; Solit, David B; Coleman, Jonathan A
2020	Cancer discovery	10	1038-1057	Somatic Tissue Engineering in Mouse Models Reveals an Actionable Role for WNT Pathway Alterations in Prostate Cancer Metastasis.	32376773	Leibold, Josef; Ruscetti, Marcus; Cao, Zhen; Ho, Yu-Jui; Baslan, Timour; Zou, Min; Abida, Wassim; Feucht, Judith; Han, Teng; Barriga, Francisco M; Tsanov, Kaloyan M; Zamechek, Leah; Kulick, Amanda; Amor, Corina; Tian, Sha; Rybczyk, Katarzyna; Salgado, Nelson R; Sánchez-Rivera, Francisco J; Watson, Philip A; de Stanchina, Elisa; Wilkinson, John E; Dow, Lukas E; Abate-Shen, Cory; Sawyers, Charles L; Lowe, Scott W
2020	Nature	582	100-103	Phase and context shape the function of composite oncogenic mutations.	32461694	Gorelick, Alexander N; Sánchez-Rivera, Francisco J; Cai, Yanyan; Bielski, Craig M; Biederstedt, Evan; Jonsson, Philip; Richards, Allison L; Vasan, Neil; Penson, Alexander V; Friedman, Noah D; Ho, Yu-Jui; Baslan, Timour; Bandlamudi, Chaitanya; Scaltriti, Maurizio; Schultz, Nikolaus; Lowe, Scott W; Reznik, Ed; Taylor, Barry S
2020	Cancers	12		A Novel JAK1 Mutant Breast Implant-Associated Anaplastic Large Cell Lymphoma Patient-Derived Xenograft Fostering Pre-Clinical Discoveries.	32560455	Fiore, Danilo; Cappelli, Luca Vincenzo; Zumbo, Paul; Phillips, Jude M; Liu, Zhaoqi; Cheng, Shuhua; Yoffe, Liron; Ghione, Paola; Di Maggio, Federica; Dogan, Ahmet; Khodos, Inna; de Stanchina, Elisa; Casano, Joseph; Kayembe, Clarisse; Tam, Wayne; Betel, Doron; Foa', Robin; Cerchietti, Leandro; Rabadan, Raul; Horwitz, Steven; Weinstock, David M; Inghirami, Giorgio
2020	Cancer research	80	4233-4243	Leveraging Systematic Functional Analysis to Benchmark an In Silico Framework Distinguishes Driver from Passenger MEK Mutants in Cancer.	32641410	Hanrahan, Aphrothiti J; Sylvester, Brooke E; Chang, Matthew T; Elzein, Arijh; Gao, Jianjiong; Han, Weiwei; Liu, Ye; Xu, Dong; Gao, Sizhi P; Gorelick, Alexander N; Jones, Alexis M; Kiliti, Amber J; Nissan, Moriah H; Nimura, Clare A; Poteshman, Abigail N; Yao, Zhan; Gao, Yijun; Hu, Wenhua; Wise, Hannah C; Gavrila, Elena I; Shoushtari, Alexander N; Tiwari, Shakuntala; Viale, Agnes; Abdel-Wahab, Omar; Merghoub, Taha; Berger, Michael F; Rosen, Neal; Taylor, Barry S; Solit, David B

2020	Blood cancer discovery	1	146-154	Defining an Optimal Dual-Targeted CAR-T-cell Therapy Approach Simultaneously Targeting BCMA and GPRC5D to Prevent BCMA Escape-Driven Relapse in Multiple Myeloma.	33089218	de Larrea, Carlos Fernández; Staehr, Mette; Lopez, Andrea V; Ng, Khong Y; Chen, Yunxin; Godfrey, William D; Purdon, Terence J; Ponomarev, Vladimir; Wendel, Hans-Guido; Brentjens, Renier J; Smith, Eric L
2020	Cell reports	33	108444	Concurrent Mutations in STK11 and KEAP1 Promote Ferroptosis Protection and SCD1 Dependence in Lung Cancer.	33264619	Wohlhieter, Corrin A; Richards, Allison L; Uddin, Fathema; Hulton, Christopher H; Quintanal-Villalonga, Àlvaro; Martin, Axel; de Stanchina, Elisa; Bhanot, Umeshkumar; Asher, Marina; Shah, Nisargbhai S; Hayatt, Omar; Buonocore, Darren J; Rekhtman, Natasha; Shen, Ronglai; Arbour, Kathryn C; Donoghue, Mark; Poirier, John T; Sen, Triparna; Rudin, Charles M
2020	Disease models & mechanisms			RET inhibition in novel patient-derived models of RET-fusion positive lung adenocarcinoma reveals a role for MYC upregulation.	33318047	Hayashi, Takuo; Odintsov, Igor; Smith, Roger S; Ishizawa, Kota; Liu, Allan J W; Delasos, Lukas; Kurzatkowski, Christopher; Tai, Huichun; Gladstone, Eric; Vojnic, Morana; Kohsaka, Shinji; Suzawa, Ken; Liu, Zebing; Kunte, Siddharth; Mattar, Marissa S; Khodos, Inna; Davare, Monika A; Drilon, Alexander; Cheng, Emily; Stanchina, Elisa de; Ladanyi, Marc; Somwar, Romel
2020	Communications biology	3	776	NTRK kinase domain mutations in cancer variably impact sensitivity to type I and type II inhibitors.	33328556	Somwar, Romel; Hofmann, Nicolle E; Smith, Bryan; Odintsov, Igor; Vojnic, Morana; Linkov, Irina; Tam, Ashley; Khodos, Inna; Mattar, Marissa S; de Stanchina, Elisa; Flynn, Daniel; Ladanyi, Marc; Drilon, Alexander; Shinde, Ujwal; Davare, Monika A
2019	Cell	176	564-580.e19	p53 Represses the Mevalonate Pathway to Mediate Tumor Suppression.	30580964	Moon, Sung-Hwan; Huang, Chun-Hao; Houlihan, Shauna L; Regunath, Kausik; Freed-Pastor, William A; Morris 4th, John P; Tschaharganeh, Darjus F; Kasthuber, Edward R; Barsotti, Anthony M; Culp-Hill, Rachel; Xue, Wen; Ho, Yu-Jui; Baslan, Timour; Li, Xiang; Mayle, Allison; de Stanchina, Elisa; Zender, Lars; Tong, David R; D'Alessandro, Angelo; Lowe, Scott W; Prives, Carol

2019	Nature	571	576-579	Tumour lineage shapes BRCA-mediated phenotypes.	31292550	Jonsson, Philip; Bandlamudi, Chaitanya; Cheng, Michael L; Srinivasan, Preethi; Chavan, Shweta S; Friedman, Noah D; Rosen, Ezra Y; Richards, Allison L; Bouvier, Nancy; Selcuklu, S Duygu; Bielski, Craig M; Abida, Wassim; Mandelker, Diana; Birsoy, Ozge; Zhang, Lying; Zehir, Ahmet; Donoghue, Mark T A; Baselga, José; Offit, Kenneth; Scher, Howard I; O'Reilly, Eileen M; Stadler, Zsofia K; Schultz, Nikolaus; Socci, Nicholas D; Viale, Agnes; Ladanyi, Marc; Robson, Mark E; Hyman, David M; Berger, Michael F; Solit, David B; Taylor, Barry S
2019	Science translational medicine	11		GPRC5D is a target for the immunotherapy of multiple myeloma with rationally designed CAR T cells.	30918115	Smith, Eric L; Harrington, Kim; Staehr, Mette; Masakayan, Reed; Jones, Jon; Long, Thomas J; Ng, Khong Y; Ghodduji, Majid; Purdon, Terence J; Wang, Xiuyan; Do, Trevor; Pham, Minh Thu; Brown, Jessica M; De Larrea, Carlos Fernandez; Olson, Eric; Peguero, Elizabeth; Wang, Pei; Liu, Hong; Xu, Yiyang; Garrett-Thomson, Sarah C; Almo, Steven C; Wendel, Hans-Guido; Riviere, Isabelle; Liu, Cheng; Sather, Blythe; Brentjens, Renier J
2019	Nature medicine	25	1422-1427	Resistance to TRK inhibition mediated by convergent MAPK pathway activation.	31406350	Cocco, Emiliano; Schram, Alison M; Kulick, Amanda; Misale, Sandra; Won, Helen H; Yaeger, Rona; Razavi, Pedram; Ptashkin, Ryan; Hechtman, Jaclyn F; Toska, Eneda; Cownie, James; Somwar, Romel; Shifman, Sophie; Mattar, Marissa; Selçuklu, S Duygu; Samoila, Aliaksandra; Guzman, Sean; Tuch, Brian B; Ebata, Kevin; de Stanchina, Elisa; Nagy, Rebecca J; Lanman, Richard B; Houck-Loomis, Brian; Patel, Juber A; Berger, Michael F; Ladanyi, Marc; Hyman, David M; Drilon, Alexander; Scaltriti, Maurizio
2019	Nature medicine	25	1607-1614	A rectal cancer organoid platform to study individual responses to chemoradiation.	31591597	Ganesh, Karuna; Wu, Chao; O'Rourke, Kevin P; Szeglin, Bryan C; Zheng, Youyun; Sauvé, Charles-Etienne Gabriel; Adileh, Mohammad; Wasserman, Isaac; Marco, Michael R; Kim, Amanda S; Shady, Maha; Sanchez-Vega, Francisco; Karthaus, Wouter R; Won, Helen H; Choi, Seo-Hyun; Pelossof, Raphael; Barlas, Afsar; Ntiamoah, Peter; Pappou, Emmanouil; Elghouayel, Arthur; Strong, James S; Chen, Chin-Tung; Harris, Jennifer W; Weiser, Martin R; Nash, Garrett M; Guillem, Jose G; Wei, Iris H; Kolesnick, Richard N; Veeraraghavan, Harini; Ortiz, Eduardo J; Petkovska, Iva; Cercek, Andrea; Manova-Todorova, Katia O; Saltz, Leonard B; Lavery, Jessica A; DeMatteo, Ronald P; Massagué, Joan; Paty, Philip B; Yaeger, Rona; Chen, Xi; Patil, Sujata; Clevers, Hans; Berger, Michael F; Lowe, Scott W; Shia, Jinru; Romesser, Paul B; Dow, Lukas E; Garcia-Aguilar, Julio; Sawyers, Charles L; Smith, J Joshua

2019	Nature medicine	25	284-291	RAF inhibitor PLX8394 selectively disrupts BRAF dimers and RAS-independent BRAF-mutant-driven signaling.	30559419	Yao, Zhan; Gao, Yijun; Su, Wenjing; Yaeger, Rona; Tao, Jessica; Na, Na; Zhang, Ying; Zhang, Chao; Rymar, Andrey; Tao, Anthony; Timaul, Neilawattie M; Mcgriskin, Rory; Outmezguine, Nathaniel A; Zhao, HuiYong; Chang, Qing; Qeriqi, Besnik; Barbacid, Mariano; de Stanchina, Elisa; Hyman, David M; Bollag, Gideon; Rosen, Neal
2019	Cancer discovery	9	199-209	EGFR and MET Amplifications Determine Response to HER2 Inhibition in ERBB2-Amplified Esophagogastric Cancer.	30463996	Sanchez-Vega, Francisco; Hechtman, Jaclyn F; Castel, Pau; Ku, Geoffrey Y; Tuvy, Yaelle; Won, Helen; Fong, Christopher J; Bouvier, Nancy; Nanjangud, Gouri J; Soong, Joanne; Vakiani, Efsevia; Schattner, Mark; Kelsen, David P; Lefkowitz, Robert A; Brown, Karen; Lacouture, Mario E; Capanu, Marinela; Mattar, Marissa; Qeriqi, Besnik; Cecchi, Fabiola; Tian, Yuan; Hembrough, Todd; Nagy, Rebecca J; Lanman, Richard B; Larson, Steven M; Pandit-Taskar, Neeta; Schöder, Heiko; Iacobuzio-Donahue, Christine A; Ilson, David H; Weber, Wolfgang A; Berger, Michael F; de Stanchina, Elisa; Taylor, Barry S; Lewis, Jason S; Solit, David B; Carrasquillo, Jorge A; Scaltriti, Maurizio; Schultz, Nikolaus; Janjigian, Yelena Y
2019	Clinical cancer research : an official journal of the American Association for Cancer Research	25	1248-1260	Activation of KRAS Mediates Resistance to Targeted Therapy in MET Exon 14-mutant Non-small Cell Lung Cancer.	30352902	Suzawa, Ken; Offin, Michael; Lu, Daniel; Kurzatkowski, Christopher; Vojnic, Morana; Smith, Roger S; Sabari, Joshua K; Tai, Huichun; Mattar, Marissa; Khodos, Inna; de Stanchina, Elisa; Rudin, Charles M; Kris, Mark G; Arcila, Maria E; Lockwood, William W; Drilon, Alexander; Ladanyi, Marc; Somwar, Romel
2019	Cell	178	807-819.e21	The Oncogenic Action of NRF2 Depends on De-glycation by Fructosamine-3-Kinase.	31398338	Sanghvi, Viraj R; Leibold, Josef; Mina, Marco; Mohan, Prathibha; Berishaj, Marjan; Li, Zhuoning; Miele, Matthew M; Lailier, Nathalie; Zhao, Chunying; de Stanchina, Elisa; Viale, Agnes; Akkari, Leila; Lowe, Scott W; Ciriello, Giovanni; Hendrickson, Ronald C; Wendel, Hans-Guido
2019	Journal of thoracic oncology : official publication of the International Association for the Study of Lung Cancer	14	802-815	Acquired BRAF Rearrangements Induce Secondary Resistance to EGFR therapy in EGFR-Mutated Lung Cancers.	30831205	Vojnic, Morana; Kubota, Daisuke; Kurzatkowski, Christopher; Offin, Michael; Suzawa, Ken; Benayed, Ryma; Schoenfeld, Adam J; Plodkowski, Andrew J; Poirier, John T; Rudin, Charles M; Kris, Mark G; Rosen, Neal X; Yu, Helena A; Riely, Gregory J; Arcila, Maria E; Somwar, Romel; Ladanyi, Marc

2019	Clinical cancer research : an official journal of the American Association for Cancer Research	25	5537-5547	Genomic Correlates of Disease Progression and Treatment Response in Prospectively Characterized Gliomas.	31263031	Jonsson, Philip; Lin, Andrew L; Young, Robert J; DiStefano, Natalie M; Hyman, David M; Li, Bob T; Berger, Michael F; Zehir, Ahmet; Ladanyi, Marc; Solit, David B; Arnold, Angela G; Stadler, Zsofia K; Mandelker, Diana; Goldberg, Michael E; Chmielecki, Juliann; Pourmaleki, Maryam; Ogilvie, Shahiba Q; Chavan, Shweta S; McKeown, Andrew T; Manne, Malbora; Hyde, Allison; Beal, Kathryn; Yang, T Jonathan; Nolan, Craig P; Pentsova, Elena; Omuro, Antonio; Gavrilocic, Igor T; Kaley, Thomas J; Diamond, Eli L; Stone, Jacqueline B; Grommes, Christian; Boire, Adrienne; Daras, Mariza; Piotrowski, Anna F; Miller, Alexandra M; Gutin, Philip H; Chan, Timothy A; Tabar, Viviane S; Brennan, Cameron W; Rosenblum, Marc; DeAngelis, Lisa M; Mellinshoff, Ingo K; Taylor, Barry S
2019	Leukemia	33	1635-1649	Sequentially inducible mouse models reveal that Npm1 mutation causes malignant transformation of Dnmt3a-mutant clonal hematopoiesis.	30692594	Loberg, Matthew A; Bell, Rebecca K; Goodwin, Leslie O; Eudy, Elizabeth; Miles, Linde A; SanMiguel, Jennifer M; Young, Kira; Bergstrom, David E; Levine, Ross L; Schneider, Rebekka K; Trowbridge, Jennifer J
2019	Clinical cancer research : an official journal of the American Association for Cancer Research	25	7089-7097	Response to Anti-EGFR Therapy in Patients with BRAF non-V600-Mutant Metastatic Colorectal Cancer.	31515458	Yaeger, Rona; Kotani, Daisuke; Mondaca, Sebastián; Parikh, Aparna R; Bando, Hideaki; Van Seventer, Emily E; Taniguchi, Hiroya; Zhao, HuiYong; Thant, Claire N; de Stanchina, Elisa; Rosen, Neal; Corcoran, Ryan B; Yoshino, Takayuki; Yao, Zhan; Ebi, Hiromichi
2019	Cancer discovery	9	1358-1371	Distinct Colorectal Cancer-Associated APC Mutations Dictate Response to Tankyrase Inhibition.	31337618	Schatoff, Emma M; Goswami, Sukanya; Zafra, Maria Paz; Foronda, Miguel; Shusterman, Michael; Leach, Benjamin I; Katti, Alyna; Diaz, Bianca J; Dow, Lukas E
2019	Cell stem cell	25	682-696.e8	Cohesin Members Stag1 and Stag2 Display Distinct Roles in Chromatin Accessibility and Topological Control of HSC Self-Renewal and Differentiation.	31495782	Viny, Aaron D; Bowman, Robert L; Liu, Yu; Lavallée, Vincent-Philippe; Eisman, Shira E; Xiao, Wenbin; Durham, Benjamin H; Navitski, Anastasia; Park, Jane; Braunstein, Stephanie; Alija, Besmira; Karzai, Abdul; Csete, Isabelle S; Witkin, Matthew; Azizi, Elham; Baslan, Timour; Ott, Christopher J; Pe'er, Dana; Dekker, Job; Koche, Richard; Levine, Ross L
2019	Cancer discovery	9	1452-1467	Altered Nuclear Export Signal Recognition as a Driver of Oncogenesis.	31285298	Taylor, Justin; Sendino, Maria; Gorelick, Alexander N; Pastore, Alessandro; Chang, Matthew T; Penson, Alexander V; Gavril, Elena I; Stewart, Connor; Melnik, Ella M; Herrejon Chavez, Florisela; Bitner, Lillian; Yoshimi, Akihito; Lee, Stanley Chun-Wei; Inoue, Daichi; Liu, Bo; Zhang, Xiao J; Mato, Anthony R; Dogan, Ahmet; Kharas, Michael G; Chen, Yuhong; Wang, Demin; Soni, Rajesh K; Hendrickson, Ronald C; Prieto, Gorka; Rodriguez, Jose A; Taylor, Barry S; Abdel-Wahab, Omar

2019	Cancer discovery	9	264-281	EIF1AX and RAS Mutations Cooperate to Drive Thyroid Tumorigenesis through ATF4 and c-MYC.	30305285	Krishnamoorthy, Gnana P; Davidson, Natalie R; Leach, Steven D; Zhao, Zhen; Lowe, Scott W; Lee, Gina; Landa, Iñigo; Nagarajah, James; Saqcena, Mahesh; Singh, Kamini; Wendel, Hans-Guido; Dogan, Snjezana; Tamarapu, Prasanna P; Blenis, John; Ghossein, Ronald A; Knauf, Jeffrey A; Rättsch, Gunnar; Fagin, James A
2019	Cancer immunology research	7	1047-1053	BCMA-Targeted CAR T-cell Therapy plus Radiotherapy for the Treatment of Refractory Myeloma Reveals Potential Synergy.	31113804	Smith, Eric L; Mailankody, Sham; Staehr, Mette; Wang, Xiuyan; Senechal, Brigitte; Purdon, Terence J; Daniyan, Anthony F; Geyer, Mark B; Goldberg, Aaron D; Mead, Elena; Santomasso, Bianca D; Landa, Jonathan; Rimner, Andreas; Riviere, Isabelle; Landgren, Ola; Brentjens, Renier J
2019	Clinical cancer research : an official journal of the American Association for Cancer Research	25	3784-3792	Phase I Study of Intermittent High-Dose Lapatinib Alternating with Capecitabine for HER2-Positive Breast Cancer Patients with Central Nervous System Metastases.	30988080	Morikawa, Aki; de Stanchina, Elisa; Pentsova, Elena; Kemeny, Margaret M; Li, Bob T; Tang, Kendrick; Patil, Sujata; Fleisher, Martin; Van Poznak, Catherine; Norton, Larry; Seidman, Andrew D
2019	Cancer discovery	9	1182-1191	V211D Mutation in MEK1 Causes Resistance to MEK Inhibitors in Colon Cancer.	31227518	Gao, Yijun; Maria, Ann; Na, Na; da Cruz Paula, Arnaud; Gorelick, Alexander N; Hechtman, Jaclyn F; Carson, Julianne; Lefkowitz, Robert A; Weigelt, Britta; Taylor, Barry S; Zhao, HuiYong; Reis-Filho, Jorge S; de Stanchina, Elisa; Rosen, Neal; Yao, Zhan; Yaeger, Rona
2019	Nature cell biology	21	203-213	An IRAK1-PIN1 signalling axis drives intrinsic tumour resistance to radiation therapy.	30664786	Liu, Peter H; Shah, Richa B; Li, Yuanyuan; Arora, Arshi; Ung, Peter Man-Un; Raman, Renuka; Gorbatenko, Andrej; Kozono, Shingo; Zhou, Xiao Zhen; Brechin, Vincent; Barbaro, John M; Thompson, Ruth; White, Richard M; Aguirre-Ghiso, Julio A; Heymach, John V; Lu, Kun Ping; Silva, Jose M; Panageas, Katherine S; Schlessinger, Avner; Maki, Robert G; Skinner, Heath D; de Stanchina, Elisa; Sidi, Samuel
2019	eLife	8		PKC1 and DNODH drive colorectal cancer liver metastatic colonization and hypoxic growth by promoting nucleotide synthesis.	31841108	Yamaguchi, Norihiro; Weinberg, Ethan M; Nguyen, Alexander; Liberti, Maria V; Goodarzi, Hani; Janjigian, Yelena Y; Paty, Philip B; Saltz, Leonard B; Kingham, T Peter; Loo, Jia Min; de Stanchina, Elisa; Tavazoie, Sohail F
2019	Proceedings of the National Academy of Sciences of the United States of America	116	20672-20678	Preclinical murine platform to evaluate therapeutic countermeasures against radiation-induced gastrointestinal syndrome.	31551264	Romesser, Paul B; Kim, Amanda S; Jeong, Jeho; Mayle, Allison; Dow, Lukas E; Lowe, Scott W

2019	Cancer discovery	9	605-616	Patient-Driven Discovery, Therapeutic Targeting, and Post-Clinical Validation of a Novel AKT1 Fusion-Driven Cancer.	30877085	Slotkin, Emily K; Diolaiti, Daniel; Shukla, Neerav N; Dela Cruz, Filemon S; Clark, Jennifer J; Gundem, Gunes; Yellapantula, Venkata D; Levine, Max F; You, Daoqi; Ma, Peilin; Pachhal, Sagarika; Ibanez Sanchez, Glorymar; Benayed, Ryma; Jungbluth, Achim A; Smyth, Lillian M; Mauguen, Audrey; Gushterova, Irena; Ding, Hongxu; Spraggon, Lee; Darnell, Robert; Califano, Andrea; Ladanyi, Marc; Papaemmanuil, Elli; Kung, Andrew L; Hyman, David M; Roberts, Stephen S
2019	The Journal of biological chemistry	294	18846-18852	The telomere-binding protein RIT2 and ATP-bound Rad50 have opposing roles in the activation of yeast Tel1ATM kinase.	31640985	Haillemariam, Sarem; De Bona, Paolo; Galletto, Roberto; Hohl, Marcel; Petrini, John H; Burgers, Peter M
2019	Journal of thoracic oncology : official publication of the International Association for the Study of Lung Cancer	14	1743-1752	Positron-Emission Tomographic Imaging of a Fluorine 18-Radiolabeled Poly(ADP-Ribose) Polymerase 1 Inhibitor Monitors the Therapeutic Efficacy of Talazoparib in SCLC Patient-Derived Xenografts.	31195178	Laird, James; Lok, Benjamin H; Carney, Brandon; Kossatz, Susanne; de Stanchina, Elisa; Reiner, Thomas; Poirier, John T; Rudin, Charles M
2019	Proceedings of the National Academy of Sciences of the United States of America	116	15178-15183	Nbn-Mre11 interaction is required for tumor suppression and genomic integrity.	31285322	Kim, Jun Hyun; Penson, Alexander V; Taylor, Barry S; Petrini, John H J
2019	PLoS genetics	15	e1008168	Convergent genetic aberrations in murine and human T lineage acute lymphoblastic leukemias.	31199785	Huang, Benjamin J; Wandler, Anica M; Meyer, Lauren K; Dail, Monique; Daemen, Anneleen; Sampath, Deepak; Li, Qing; Wang, Xinyue; Wong, Jasmine C; Nakitandwe, Joy; Downing, James R; Zhang, Jinghui; Taylor, Barry S; Shannon, Kevin
2018	Cell	173	515-528.e17	Tumor Evolution and Drug Response in Patient-Derived Organoid Models of Bladder Cancer.	29625057	Lee, Suk Hyung; Hu, Wenhao; Matulay, Justin T; Silva, Mark V; Owczarek, Tomasz B; Kim, Kwanghee; Chua, Chee Wai; Barlow, LaMont J; Kandath, Cyriac; Williams, Alanna B; Bergren, Sarah K; Pietzak, Eugene J; Anderson, Christopher B; Benson, Mitchell C; Coleman, Jonathan A; Taylor, Barry S; Abate-Shen, Cory; McKiernan, James M; Al-Ahmadie, Hikmat; Solit, David B; Shen, Michael M

2018	Nature biotechnology	36	888-893	Optimized base editors enable efficient editing in cells, organoids and mice.	29969439	Zafra, Maria Paz; Schatoff, Emma M; Katti, Alyna; Foronda, Miguel; Breinig, Marco; Schweitzer, Anabel Y; Simon, Amber; Han, Teng; Goswami, Sukanya; Montgomery, Emma; Thibado, Jordana; Kasthuber, Edward R; Sánchez-Rivera, Francisco J; Shi, Junwei; Vakoc, Christopher R; Lowe, Scott W; Tschaharganeh, Darjus F; Dow, Lukas E
2018	Cancer discovery	8	174-183	Accelerating Discovery of Functional Mutant Alleles in Cancer.	29247016	Chang, Matthew T; Bhattarai, Tripti Shrestha; Schram, Alison M; Bielski, Craig M; Donoghue, Mark T A; Jonsson, Philip; Chakravarty, Debyani; Phillips, Sarah; Kandoth, Cyriac; Penson, Alexander; Gorelick, Alexander; Shamu, Tambudzai; Patel, Swati; Harris, Christopher; Gao, JianJiong; Sumer, Selcuk Onur; Kundra, Ritika; Razavi, Pedram; Li, Bob T; Reales, Dalicia N; Socci, Nicholas D; Jayakumaran, Gowtham; Zehir, Ahmet; Benayed, Ryma; Arcila, Maria E; Chandraratna, Sarat; Ladanyi, Marc; Schultz, Nikolaus; Baselga, José; Berger, Michael F; Rosen, Neal; Solit, David B; Hyman, David M; Taylor, Barry S
2018	Nature genetics	50	1189-1195	Genome doubling shapes the evolution and prognosis of advanced cancers.	30013179	Bielski, Craig M; Zehir, Ahmet; Penson, Alexander V; Donoghue, Mark T A; Chatila, Walid; Armenia, Joshua; Chang, Matthew T; Schram, Alison M; Jonsson, Philip; Bandlamudi, Chaitanya; Razavi, Pedram; Iyer, Gopa; Robson, Mark E; Stadler, Zsofia K; Schultz, Nikolaus; Baselga, Jose; Solit, David B; Hyman, David M; Berger, Michael F; Taylor, Barry S
2018	Nature	559	125-129	Acquired resistance to IDH inhibition through trans or cis dimer-interface mutations.	29950729	Intlekofer, Andrew M; Shin, Alan H; Wang, Bo; Nazir, Abbas; Rustenburg, Ariën S; Albanese, Steven K; Patel, Minal; Famulare, Christopher; Correa, Fabian M; Takemoto, Naofumi; Durani, Vidushi; Liu, Hui; Taylor, Justin; Farnoud, Noushin; Papaemmanuil, Elli; Cross, Justin R; Tallman, Martin S; Arcila, Maria E; Roshal, Mikhail; Petsko, Gregory A; Wu, Bin; Choe, Sung; Konteatis, Zenon D; Biller, Scott A; Chodera, John D; Thompson, Craig B;
2018	Science (New York, N.Y.)	362	1416-1422	NK cell-mediated cytotoxicity contributes to tumor control by a cytostatic drug combination.	30573629	Ruscetti, Marcus; Leibold, Josef; Bott, Matthew J; Fennell, Myles; Kulick, Amanda; Salgado, Nelson R; Chen, Chi-Chao; Ho, Yu-Jui; Sanchez-Rivera, Francisco J; Feucht, Judith; Baslan, Timour; Tian, Sha; Chen, Hsuan-An; Romesser, Paul B; Poirier, John T; Rudin, Charles M; de Stanchina, Elisa; Manchado, Eusebio; Sherr, Charles J; Lowe, Scott W
2018	Nature medicine	24	1151-1156	DPP8/DPP9 inhibitor-induced pyroptosis for treatment of acute myeloid leukemia.	29967349	Johnson, Darren C; Taabazuing, Cornelius Y; Okondo, Marian C; Chui, Ashley J; Rao, Sahana D; Brown, Fiona C; Reed, Casie; Peguero, Elizabeth; de Stanchina, Elisa; Kentsis, Alex; Bachovchin, Daniel A

2018	Molecular therapy : the journal of the American Society of Gene Therapy	26	2542-2552	Low-Dose Radiation Conditioning Enables CAR T Cells to Mitigate Antigen Escape.	30415658	DeSelm, Carl; Palomba, M Lia; Yahalom, Joachim; Hamieh, Mohamad; Eyquem, Justin; Rajasekhar, Vinagolu K; Sadelain, Michel
2018	Nature materials	17	361-368	Quantitative self-assembly prediction yields targeted nanomedicines.	29403054	Shamay, Yosi; Shah, Janki; Işık, Mehtap; Mizrachi, Aviram; Leibold, Josef; Tschaharganeh, Darjus F; Roxbury, Daniel; Budhathoki-Uprety, Januka; Nawaly, Karla; Sugarman, James L; Baut, Emily; Neiman, Michelle R; Dacek, Megan; Ganesh, Kripa S; Johnson, Darren C; Sridharan, Ramya; Chu, Karen L; Rajasekhar, Vinagolu K; Lowe, Scott W; Chodera, John D; Heller, Daniel A
2018	Cell reports	22	1889-1902	Differential Effector Engagement by Oncogenic KRAS.	29444439	Yuan, Tina L; Amzallag, Arnaud; Bagni, Rachel; Yi, Ming; Afghani, Shervin; Burgan, William; Fer, Nicole; Strathern, Leslie A; Powell, Katie; Smith, Brian; Waters, Andrew M; Drubin, David; Thomson, Ty; Liao, Rosy; Greninger, Patricia; Stein, Giovanna T; Murchie, Ellen; Cortez, Eliane; Egan, Regina K; Procter, Lauren; Bess, Matthew; Cheng, Kwong Tai; Lee, Chih-Shia; Lee, Liam Changwoo; Fellmann, Christof; Stephens, Robert; Luo, Ji; Lowe, Scott W; Benes, Cyril H; McCormick, Frank
2018	Cell	172	1007-1021.e17	A Non-catalytic Function of SETD1A Regulates Cyclin K and the DNA Damage Response.	29474905	Hoshii, Takayuki; Cifani, Paolo; Feng, Zhaohui; Huang, Chun-Hao; Koche, Richard; Chen, Chun-Wei; Delaney, Christopher D; Lowe, Scott W; Kentsis, Alex; Armstrong, Scott A
2018	Cancer discovery	8	1540-1547	Isoform Switching as a Mechanism of Acquired Resistance to Mutant Isocitrate Dehydrogenase Inhibition.	30355724	Harding, James J; Lowery, Maeve A; Shih, Alan H; Schvartzman, Juan M; Hou, Shengqi; Famulare, Christopher; Patel, Minal; Roshal, Mikhail; Do, Richard K; Zehir, Ahmet; You, Daoqi; Selcuklu, S Duygu; Viale, Agnes; Tallman, Martin S; Hyman, David M; Reznik, Ed; Finley, Lydia W S; Papaemmanuil, Elli; Tosolini, Alessandra; Frattini, Mark G; MacBeth, Kyle J; Liu, Guowen; Fan, Bin; Choe, Sung; Wu, Bin; Janjigian, Yelena Y; Mellinghoff, Ingo K; Diaz, Luis A; Levine, Ross L; Abou-Alfa, Ghassan K; Stein, Eytan M; Intlekofer, Andrew M
2018	Cancer discovery	8	478-497	MEF2C Phosphorylation Is Required for Chemotherapy Resistance in Acute Myeloid Leukemia.	29431698	Brown, Fiona C; Still, Eric; Koche, Richard P; Yim, Christina Y; Takao, Sumiko; Cifani, Paolo; Reed, Casie; Gunasekera, Shehana; Ficarro, Scott B; Romanienko, Peter; Mark, Willie; McCarthy, Craig; de Stanchina, Elisa; Gonen, Mithat; Seshan, Venkatraman; Bhola, Patrick; O'Donnell, Conor; Spitzer, Barbara; Stutzke, Crystal; Lavallée, Vincent-Philippe; Hébert, Josée; Krivtsov, Andrei V; Melnick, Ari; Paietta, Elisabeth M; Tallman, Martin S; Letai, Anthony; Sauvageau, Guy; Pouliot, Gayle; Levine, Ross; Marto, Jarrod A; Armstrong, Scott A; Kentsis, Alex

2018	The Journal of clinical investigation	128	789-804	JAK2/IDH-mutant-driven myeloproliferative neoplasm is sensitive to combined targeted inhibition.	29355841	McKenney, Anna Sophia; Lau, Allison N; Somasundara, Amritha Varshini Hanasoge; Spitzer, Barbara; Intlekofer, Andrew M; Ahn, Jihae; Shank, Kaitlyn; Rapaport, Franck T; Patel, Minal A; Papalexli, Efthymia; Shih, Alan H; Chiu, April; Freinkman, Elizaveta; Akbay, Esra A; Steadman, Mya; Nagaraja, Raj; Yen, Katharine; Teruya-Feldstein, Julie; Wong, Kwok-Kin; Rampal, Raajit; Vander Heiden, Matthew G; Thompson, Craig B; Levine, Ross L
2018	Cancer cell	33	44-59.e8	Cooperative Epigenetic Remodeling by TET2 Loss and NRAS Mutation Drives Myeloid Transformation and MEK Inhibitor Sensitivity.	29275866	Kunimoto, Hiroyoshi; Meydan, Cem; Nazir, Abbas; Whitfield, Justin; Shank, Kaitlyn; Rapaport, Franck; Maher, Rebecca; Pronier, Elodie; Meyer, Sara C; Garrett-Bakelman, Francine E; Tallman, Martin; Melnick, Ari; Levine, Ross L; Shih, Alan H
2018	Clinical cancer research : an official journal of the American Association for Cancer Research	24	5143-5152	Talazoparib Is a Potent Radiosensitizer in Small Cell Lung Cancer Cell Lines and Xenografts.	29945991	Laird, James H; Lok, Benjamin H; Ma, Jennifer; Bell, Andrew; de Stanchina, Elisa; Poirier, John T; Rudin, Charles M
2018	Nature communications	9	110	Peptidomimetic blockade of MYB in acute myeloid leukemia.	29317678	Ramaswamy, Kavitha; Forbes, Lauren; Minuesa, Gerard; Gindin, Tatyana; Brown, Fiona; Kharas, Michael G; Krivtsov, Andrei V; Armstrong, Scott A; Still, Eric; de Stanchina, Elisa; Knoechel, Birgit; Koche, Richard; Kentsis, Alex
2018	Cancer discovery	8	1130-1141	A Secondary Mutation in BRAF Confers Resistance to RAF Inhibition in a BRAFV600E-Mutant Brain Tumor.	29880583	Wang, Jiawan; Yao, Zhan; Jonsson, Philip; Allen, Amy N; Qin, Alice Can Ran; Uddin, Sharmeen; Dunkel, Ira J; Petriccione, Mary; Manova, Katia; Haque, Sofia; Rosenblum, Marc K; Pisapia, David J; Rosen, Neal; Taylor, Barry S; Pratilas, Christine A
2018	Cancer cell	34	852-862.e4	Widespread Selection for Oncogenic Mutant Allele Imbalance in Cancer.	30393068	Bielski, Craig M; Donoghue, Mark T A; Gadiya, Mayur; Hanrahan, Aphrothiti J; Won, Helen H; Chang, Matthew T; Jonsson, Philip; Penson, Alexander V; Gorelick, Alexander; Harris, Christopher; Schram, Alison M; Syed, Aijazuddin; Zehir, Ahmet; Chapman, Paul B; Hyman, David M; Solit, David B; Shannon, Kevin; Chandarlapaty, Sarat; Berger, Michael F; Taylor, Barry S
2018	Proceedings of the National Academy of Sciences of the United States of America	115	12034-12039	NOXA genetic amplification or pharmacologic induction primes lymphoma cells to BCL2 inhibitor-induced cell death.	30404918	Liu, Yuxuan; Mondello, Patrizia; Erazo, Tatiana; Tannan, Neeta Bala; Asgari, Zahra; de Stanchina, Elisa; Nanjangud, Gouri; Seshan, Venkatraman E; Wang, Shenqiu; Wendel, Hans-Guido; Younes, Anas

2018	eLife	7		Arid1a restrains Kras-dependent changes in acinar cell identity.	30014851	Livshits, Geulah; Alonso-Curbelo, Direna; Morris 4th, John P; Koche, Richard; Saborowski, Michael; Wilkinson, John Erby; Lowe, Scott W
2018	Nature cell biology	20	565-574	Pluripotency transcription factors and Tet1/2 maintain Brd4-independent stem cell identity.	29662175	Finley, Lydia W S; Vardhana, Santosha A; Carey, Bryce W; Alonso-Curbelo, Direna; Koche, Richard; Chen, Yanyang; Wen, Duancheng; King, Bryan; Radler, Megan R; Rafii, Shahin; Lowe, Scott W; Allis, C David; Thompson, Craig B
2018	Frontiers in oncology	8	19	Establishing and Maintaining an Extensive Library of Patient-Derived Xenograft Models.	29515970	Mattar, Marissa; McCarthy, Craig R; Kulick, Amanda R; Qeriqi, Besnik; Guzman, Sean; de Stanchina, Elisa
2018	Theranostics	8	1389-1398	of Quantitative Proteomic Signatures in Mouse Lymphoma Models Using Magneto-Nanosensors.	29507628	Lee, Jung-Rok; Appelmann, Iris; Miething, Cornelius; Shultz, Tyler O; Ruderman, Daniel; Kim, Dokyoon; Mallick, Parag; Lowe, Scott W; Wang, Shan X
2018	Cell reports	24	2155-2166	BET Inhibition-Induced GSK3β Feedback Enhances Lymphoma Vulnerability to PI3K Inhibitors.	30134175	Derenzini, Enrico; Mondello, Patrizia; Erazo, Tatiana; Portelinha, Ana; Liu, Yuxuan; Scallion, Mary; Asgari, Zahra; Philip, John; Hilden, Patrick; Valli, Debora; Rossi, Alessandra; Djaballah, Hakim; Ouerfelli, Ouathek; de Stanchina, Elisa; Seshan, Venkatraman E; Hendrickson, Ronald C; Younes, Anas
2018	Blood	132	1265-1278	Genetic and epigenetic evolution as a contributor to WT1-mutant leukemogenesis.	30064973	Pronier, Elodie; Bowman, Robert L; Ahn, Jihae; Glass, Jacob; Kandoth, Cyriac; Merlinsky, Tiffany R; Whitfield, Justin T; Durham, Benjamin H; Gruet, Antoine; Hanasoge Somasundara, Amritha Varshini; Rampal, Raajit; Melnick, Ari; Koche, Richard P; Taylor, Barry S; Levine, Ross L
2018	Oncotarget	9	9311-9324	Pazopanib radio-sensitization of human sarcoma tumors.	29507692	Wang, Feng; Li, Hongyan; Markovsky, Ela; Glass, Ryan; de Stanchina, Elisa; Powell, Simon N; Schwartz, Gary K; Haimovitz-Friedman, Adriana
2018	Trends in cancer	4	3-6	Transforming Biomarker Development with Exceptional Responders.	29413420	Jonsson, Philip; Taylor, Barry S
2018	Cellular signalling	52	74-82	Phosphorylation state of Ser165 in α-tubulin is a toggle switch that controls proliferating human breast tumors.	30176291	Markovsky, Ela; de Stanchina, Elisa; Itzkowitz, Aryeh; Haimovitz-Friedman, Adriana; Rotenberg, Susan A

2017	Science (New York, N.Y.)	355	84-88	SOX2 promotes lineage plasticity and antiandrogen resistance in TP53- and RB1-deficient prostate cancer.	28059768	Mu, Ping; Zhang, Zeda; Benelli, Matteo; Karthaus, Wouter R; Hoover, Elizabeth; Chen, Chi-Chao; Wongvipat, John; Ku, Sheng-Yu; Gao, Dong; Cao, Zhen; Shah, Neel; Adams, Elizabeth J; Abida, Wassim; Watson, Philip A; Prandi, Davide; Huang, Chun-Hao; de Stanchina, Elisa; Lowe, Scott W; Ellis, Leigh; Beltran, Himisha; Rubin, Mark A; Goodrich, David W; Demichelis, Francesca; Sawyers, Charles L
2017	Cell stem cell	21	374-382.e4	Therapy-Related Clonal Hematopoiesis in Patients with Non-hematologic Cancers Is Common and Associated with Adverse Clinical Outcomes.	28803919	Coombs, Catherine C; Zehir, Ahmet; Devlin, Sean M; Kishtagari, Ashwin; Syed, Aijazuddin; Jonsson, Philip; Hyman, David M; Solit, David B; Robson, Mark E; Baselga, José; Arcila, Maria E; Ladanyi, Marc; Tallman, Martin S; Levine, Ross L; Berger, Michael F
2017	Cell	168	584-599	Implementing Genome-Driven Oncology.	28187282	Hyman, David M; Taylor, Barry S; Baselga, José
2017	Cancer cell	31	286-299	Chemosensitive Relapse in Small Cell Lung Cancer Proceeds through an EZH2-SLFN11 Axis.	28196596	Patrice; Miles, Linde A; Arnold, Paige K; Ni, Andy; Khodos, Inna; de Stanchina, Elisa; Nguyen, Thuyen; Sage, Julien; Campbell, John E; Ribich, Scott; Rekhtman, Natasha; Dowlati, Afshin; Massion, Pierre P; Rudin, Charles M; Poirier, John T
2017	Nature	548	234-238	Tumours with class 3 BRAF mutants are sensitive to the inhibition of activated RAS.	28783719	Yao, Zhan; Yaeger, Rona; Rodrik-Outmezguine, Vanessa S; Tao, Anthony; Torres, Neilawattie M; Chang, Matthew T; Drosten, Matthias; Zhao, Huiyong; Cecchi, Fabiola; Hembrough, Todd; Michels, Judith; Baumert, Hervé; Miles, Linde; Campbell, Naomi M; de Stanchina, Elisa; Solit, David B; Barbacid, Mariano; Taylor, Barry S; Rosen, Neal
2017	Blood	130	732-741	Enasidenib induces acute myeloid leukemia cell differentiation to promote clinical response.	28588019	Amatangelo, Michael D; Quek, Lynn; Shih, Alan; Stein, Eytan M; Roshal, Mikhail; David, Muriel D; Marteyn, Benoit; Farnoud, Noushin Rahnamay; de Botton, Stephane; Bernard, Olivier A; Wu, Bin; Yen, Katharine E; Tallman, Martin S; Papaemmanuil, Elli; Penard-Lacronique, Virginie; Thakurta, Anjan; Vyas, Paresh; Levine, Ross L

2017	Cancer discovery	7	963-972	A Next-Generation TRK Kinase Inhibitor Overcomes Acquired Resistance to Prior TRK Kinase Inhibition in Patients with TRK Fusion-Positive Solid Tumors.	28578312	Drilon, Alexander; Nagasubramanian, Ramamoorthy; Blake, James F; Ku, Nora; Tuch, Brian B; Ebata, Kevin; Smith, Steve; Lauriault, Veronique; Kolakowski, Gabrielle R; Brandhuber, Barbara J; Larsen, Paul D; Bouhana, Karyn S; Winski, Shannon L; Hamor, Robyn; Wu, Wen-I; Parker, Andrew; Morales, Tony H; Sullivan, Francis X; DeWolf, Walter E; Wollenberg, Lance A; Gordon, Paul R; Douglas-Lindsay, Dorothea N; Scaltriti, Maurizio; Benayed, Ryma; Raj, Sandeep; Hanusch, Bethany; Schram, Alison M; Jonsson, Philip; Berger, Michael F; Hechtman, Jaclyn F; Taylor, Barry S; Andrews, Steve; Rothenberg, S Michael; Hyman, David M
2017	Clinical cancer research : an official journal of the American Association for Cancer Research	23	523-535	PARP Inhibitor Activity Correlates with SLFN11 Expression and Demonstrates Synergy with Temozolomide in Small Cell Lung Cancer.	27440269	Lok, Benjamin H; Gardner, Eric E; Schneeberger, Valentina E; Ni, Andy; Desmeules, Patrice; Rekhman, Natasha; de Stanchina, Elisa; Teicher, Beverly A; Riaz, Nadeem; Powell, Simon N; Poirier, John T; Rudin, Charles M
2017	Nature biotechnology	35	577-582	Transplantation of engineered organoids enables rapid generation of metastatic mouse models of colorectal cancer.	28459450	O'Rourke, Kevin P; Loizou, Evangelia; Livshits, Geulah; Schatoff, Emma M; Baslan, Timour; Manchado, Eusebio; Simon, Janelle; Romesser, Paul B; Leach, Benjamin; Han, Teng; Pauli, Chantal; Beltran, Himisha; Rubin, Mark A; Dow, Lukas E; Lowe, Scott W
2017	Cell	168	817-829.e15	KRAS Allelic Imbalance Enhances Fitness and Modulates MAP Kinase Dependence in Cancer.	28215705	Burgess, Michael R; Hwang, Eugene; Mroue, Rana; Bielski, Craig M; Wandler, Anica M; Huang, Benjamin J; Firestone, Ari J; Young, Amy; Lacap, Jennifer A; Crocker, Lisa; Asthana, Saurabh; Davis, Elizabeth M; Xu, Jin; Akagi, Keiko; Le Beau, Michelle M; Li, Qing; Haley, Benjamin; Stokoe, David; Sampath, Deepak; Taylor, Barry S; Evangelista, Marie; Shannon, Kevin
2017	Nature medicine	23	929-937	An approach to suppress the evolution of resistance in BRAFV600E-mutant cancer.	28714990	Xue, Yaohua; Martelotto, Luciano; Baslan, Timour; Vides, Alberto; Solomon, Martha; Mai, Trang Thi; Chaudhary, Neelam; Riely, Greg J; Li, Bob T; Scott, Kerry; Cechhi, Fabiola; Stierner, Ulrika; Chadalavada, Kalyani; de Stanchina, Elisa; Schwartz, Sarit; Hembrough, Todd; Nanjangud, Gouri; Berger, Michael F; Nilsson, Jonas; Lowe, Scott W; Reis-Filho, Jorge S; Rosen, Neal; Lito, Piro
2017	Cancer discovery	7	494-505	Combination Targeted Therapy to Disrupt Aberrant Oncogenic Signaling and Reverse Epigenetic Dysfunction in IDH2- and TET2-Mutant Acute Myeloid Leukemia.	28193779	Shih, Alan H; Meydan, Cem; Shank, Kaitlyn; Garrett-Bakelman, Francine E; Ward, Patrick S; Intlekofer, Andrew M; Nazir, Abbas; Stein, Eytan M; Knapp, Kristina; Glass, Jacob; Travins, Jeremy; Straley, Kim; Gliser, Camelia; Mason, Christopher E; Yen, Katharine; Thompson, Craig B; Melnick, Ari; Levine, Ross L

2017	Proceedings of the National Academy of Sciences of the United States of America	114	13076-13084	DNAJB1-PRKACA fusion kinase interacts with β-catenin and the liver regenerative response to drive fibrolamellar hepatocellular carcinoma.	29162699	Kasthuber, Edward R; Lalazar, Gadi; Houlihan, Shauna L; Tschaharganeh, Darjus F; Baslan, Timour; Chen, Chi-Chao; Requena, David; Tian, Sha; Bosbach, Benedikt; Wilkinson, John E; Simon, Sanford M; Lowe, Scott W
2017	Oncotarget	8	14017-14028	Dual inhibition of histone deacetylases and phosphoinositide 3-kinase enhances therapeutic activity against B cell lymphoma.	28147336	Mondello, Patrizia; Derenzini, Enrico; Asgari, Zahra; Philip, John; Brea, Elliott J; Seshan, Venkatraman; Hendrickson, Ronald C; de Stanchina, Elisa; Scheinberg, David A; Younes, Anas
2017	Nature genetics	49	1005-1014	PGBD5 promotes site-specific oncogenic mutations in human tumors.	28504702	Henssen, Anton G; Koche, Richard; Zhuang, Jiali; Jiang, Eileen; Reed, Casie; Eisenberg, Amy; Still, Eric; MacArthur, Ian C; Rodríguez-Fos, Elias; Gonzalez, Santiago; Puiggròs, Montserrat; Blackford, Andrew N; Mason, Christopher E; de Stanchina, Elisa; Gönen, Mithat; Emde, Anne-Katrin; Shah, Minita; Arora, Kanika; Reeves, Catherine; Socci, Nicholas D; Perlman, Elizabeth; Antonescu, Cristina R; Roberts, Charles W M; Steen, Hanno; Mullen, Elizabeth; Jackson, Stephen P; Torrents, David; Weng, Zhiping; Armstrong, Scott A; Kentsis, Alex
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