

Title	Journal	Link	Publication date	References	Top Paper
<a href="#">Standardisation and future of preclinical echocardiography</a>	Mammalian Genome	<a href="https://doi.org/10.1007/s00335-023-09981-4">https://doi.org/10.1007/s00335-023-09981-4</a>	2023	Caroline E., O'Riordan, Philippe, Trochet, Magdalena, Steiner, Dieter, Fuchs	Yes
<a href="#">Photoacoustic properties of polypyrrole nanoparticles</a>	Nanomaterials		2021	Peter, Keša, Monika, Paurová, Michal, Babič, Tomáš, Heizer, Petr, Matouš, Karolína, Turnovcová, Dana, Mareková, Luděk, Šefc, Vit, Herynek	Yes
<a href="#">Accuracy of Ultrasound-Guided versus Landmark-Guided Intra-articular Injection for Rat Knee Joints</a>	Ultrasound in Medicine & Biology	<a href="https://linkinghub.elsevier.com/retrieve/pii/S0301562919306684">https://linkinghub.elsevier.com/retrieve/pii/S0301562919306684</a>	2019	Amparo, Ruiz, Dalibel, Bravo, Alejandra, Duarte, Ronald S., Adler, José G., Raya	Yes
<a href="#">High-Frequency Ultrasound-Guided Injection for the Generation of a Novel Orthotopic Mouse Model of Human Thyroid Carcinoma</a>	Thyroid	<a href="http://online.liebertpub.com/doi/10.1089/thy.2015.0511">http://online.liebertpub.com/doi/10.1089/thy.2015.0511</a>	2016	Adelaide, Greco, Sandra, Albanese, Luigi, Auletta, Peppino, Mirabelli, Antonella, Zannetti, Crescenzo, D'Alterio, Gennaro, Di Maro, Francesca Maria, Orlandella, Giuliana, Salvatore, Andrea, Soricelli, Marco, Salvatore	Yes
<a href="#">Establishing a mouse model of lung metastases using ultrasound-guided right heart ventricle injection</a>	STAR Protocols		2023	Amanda, Labora, Amanda, Creech, Hailey, Lee, Erin, Tabornal, Caius, Radu, Timothy, Donahue	No
<a href="#">Stimulating Antitumoral Immunity by Percutaneous Cryoablation and Combination Immunoadjuvant Therapy in a Murine Model of Hepatocellular Carcinoma</a>	Journal of vascular and interventional radiology : JVIR	<a href="http://www.ncbi.nlm.nih.gov/pubmed/37178816">http://www.ncbi.nlm.nih.gov/pubmed/37178816</a>	2023	Tyler, Mandt, Amandip, Bangar, Consuelo, Saucedo, Manasi, Das, Carolyn, Moderbacher, Mansur, Ghani, Nicholas, Webster, Isabel, Newton	No
<a href="#">Metformin preconditioning protects against myocardial stunning and preserves protein translation in a mouse model of cardiac arrest</a>	Journal of Molecular and Cellular Cardiology Plus	<a href="https://linkinghub.elsevier.com/retrieve/pii/S2772976123000041">https://linkinghub.elsevier.com/retrieve/pii/S2772976123000041</a>	2023	Cody A., Rutledge, Claudia, Lagranha, Takuto, Chiba, Kevin, Redding, Donna B., Stolz, Eric, Goetzman, Sunder, Sims-Lucas, Brett A., Kaufman	No
<a href="#">Role of Bacterial Surface Components in the Pathogenicity of Proteus mirabilis in a Murine Model of Catheter-Associated Urinary Tract Infection</a>	Pathogens	<a href="https://doi.org/10.3390/pathogens">https://doi.org/10.3390/pathogens</a>	2023	Roman, Herout, Sara, Khoddami, Igor, Moskalev, Alina, Reicherz, Ben H, Chew, Chelsie E, Armbruster, Dirk, Lange	No
<a href="#">Generation of liver metastases in a mouse model using ultrasound-guided intravenous injection</a>	STAR Protocols		2023	Amanda, Labora, Hailey, Lee, Charlotte, Chan, Erin, Tabornal, Thuc, Le, Khalid, Rashid, Evan, Abt, Takano, Yamao, Hanna, Mandl, Amanda, Creech, Alykhan, Premji, Luyi, Li, Jason, Link, Nanping, Wu, Caius, Radu, Timothy, Donahue	No
<a href="#">In vivo microCT-based time-lapse morphometry reveals anatomical site-specific differences in bone (re)modeling serving as baseline parameters to detect early pathological events</a>	Bone	<a href="https://doi.org/10.1016/j.bone.2022.116432">https://doi.org/10.1016/j.bone.2022.116432</a>	2022	Sarah A.E., Young, Maximilian, Rummeler, Hubert M., Taieb, Daniela S., Garske, Agnes, Ellinghaus, Georg N., Duda, Bettina M., Willie, Amaia, Cipitria	No
<a href="#">Heterogeneous fates of simultaneously-born neurons in the cortical ventricular zone</a>	Scientific Reports	<a href="https://doi.org/10.1038/s41598-022-09740-6">https://doi.org/10.1038/s41598-022-09740-6</a>	2022	Elia, Magrinelli, Natalia, Baumann, Robin Jan, Wagener, Christelle, Glangetas, Camilla, Bellone, Denis, Jabaudon, Esther, Klingler	No
<a href="#">Unchecked oxidative stress in skeletal muscle prevents outgrowth of disseminated tumour cells</a>	Nature Cell Biology		2022	Sarah B., Crist, Travis, Nemkov, Ruth F., Dumpit, Jinxiang, Dai, Stephen J., Tapscott, Lawrence D., True, Alexander, Swarbrick, Lucas B., Sullivan, Peter S., Nelson, Kirk C., Hansen, Cyrus M., Ghajar	No

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<a href="#">Generation of liver metastases in a mouse model using ultrasound-guided intravenous injection</a>	STAR Protocols	<a href="https://linkinghub.elsevier.com/retrieve/pii/S2666166723001211">https://linkinghub.elsevier.com/retrieve/pii/S2666166723001211</a>	2023	Amanda, Labora, Hailey, Lee, Charlotte, Chan, Erin, Tabornal, Thuc, Le, Khalid, Rashid, Evan, Abot, Takanobu, Yamao, Hanna, Mandl, Amanda, Creech, Alykhan, Premji, Luyi, Li, Jason, Link, Nanping, Wu, Caius, Radu, Timothy, Donahue	No
<a href="#">The Therapeutic Effect of iMSC-Derived Small Extracellular Vesicles on Tendinopathy Related Pain Through Alleviating Inflammation: An in vivo and in vitro Study</a>	Journal of Inflammation Research		2022	Zhaochen, Zhu, Renzhi, Gao, Teng, Ye, Kai, Feng, Juntao, Zhang, Yu, Chen, Zongping, Xie, Yang, Wang	No
<a href="#">Inhibition of myeloid PD-L1 suppresses osteoclastogenesis and cancer bone metastasis</a>	Cancer Gene Therapy		2022	Hao, Zuo, Yihong, Wan	No
<a href="#">Neural labeling and manipulation by neonatal intraventricular viral injection in mice</a>	STAR Protocols	<a href="https://doi.org/10.1016/j.xpro.2021.101081">https://doi.org/10.1016/j.xpro.2021.101081</a>	2022	Mengzhe, Wang, Thomas, Misgeld, Monika S., Brill	No
<a href="#">High-frequency ultrasound-guided intrathecal injections in a young mouse model: Targeting the central nervous system in drug delivery</a>	Journal of Neuroscience Methods	<a href="https://doi.org/10.1016/j.jneumeth.2022.109778">https://doi.org/10.1016/j.jneumeth.2022.109778</a>	2023	Sun Eui, Choi, Anum, Rahman, Tiffany, Ayoub, Owen, Botelho, Gail, Lee, Lisa M., Gazdzinski, Anne L., Wheeler, Rosanna, Weksberg, Sharon L., Guger, Russell J., Schachar, Shinya, Ito, Johann, Hitzler, Brian J., Nieman	No
<a href="#">Intra-tumoral nerve-tracing in a novel syngeneic model of high-grade serous ovarian carcinoma</a>	Cells		2021	Jeffrey L., Barr, Allison, Kruse, Anthony C., Restaino, Natalia, Tulina, Sarah, Stuckelberger, Samuel J., Vermeer, Caitlin S., Williamson, Daniel W., Vermeer, Marianna, Madeo, Jillian, Stamp, Maria, Bell, Mark, Morgan, Ju Yoon, Yoon, Marilyn A., Mitchell, Anna, Budina, Dalia K., Omran, Lauren E., Schwartz, Ronny, Drapkin, Paola D., Vermeer	No
<a href="#">In vivo multimodal imaging of hyaluronan-mediated inflammatory response in articular cartilage</a>	Osteoarthritis and Cartilage		2022	C, Zhang, M K, Cowman, A, Ruiz, A, Duarte, D, Bravo, E Ramos, Gavil, T, Kirsch, M, Milne, L G, Luyt, J G, Raya	No
<a href="#">A mechanistic basis for the malignant progression of salivary gland tumors</a>	iScience	<a href="https://doi.org/10.1016/j.isci.2021.103508">https://doi.org/10.1016/j.isci.2021.103508</a>	2021	Sachiko, Taniguchi, Yuya, Tanaka, Ajit, Elhance, Naoki, Oshimori	No
<a href="#">Crim1 and Kelch-like 14 exert complementary dual-directional developmental control over segmentally specific corticospinal axon projection targeting</a>	Cell Reports	<a href="https://doi.org/10.1016/j.celrep.2021.109842">https://doi.org/10.1016/j.celrep.2021.109842</a>	2021	Vibhu, Sahni, Yasuhiro, Itoh, Sara J., Shnyder, Jeffrey D., Macklis	No
<a href="#">High-frequency ultrasound-guided intrathecal injections in a young mouse model: Targeting the central nervous system in drug delivery</a>	Journal of Neuroscience Methods		2023	Sun Eui, Choi, Anum, Rahman, Tiffany, Ayoub, Owen, Botelho, Gail, Lee, Lisa M., Gazdzinski, Anne L., Wheeler, Rosanna, Weksberg, Sharon L., Guger, Russell J., Schachar, Shinya, Ito, Johann, Hitzler, Brian J., Nieman	No
<a href="#">A mouse model of hypoplastic left heart syndrome demonstrating left heart hypoplasia and retrograde aortic arch flow</a>	DMM Disease Models and Mechanisms		2021	Anum, Rahman, Taylor, DeYoung, Lindsay S., Cahill, Yohan, Yee, Sarah K., Debebe, Owen, Botelho, Mike, Seed, Rajiv R., Chaturvedi, John G., Sled	No
<a href="#">Magnetic microspheres can be used for magnetic particle imaging of cancer cells arrested in the mouse brain</a>	Magnetic Resonance in Medicine		2022	Kierstin P., Melo, Ashley V., Makela, Natasha N., Knier, Amanda M., Hamilton, Paula J., Foster	No

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<a href="#">The therapeutic effect of second near-infrared absorbing gold nanorods on metastatic lymph nodes via lymphatic delivery system</a>	Pharmaceutics		2021	Adewale O., Oladipo, Thabang C., Lebepe, Vuyelwa, Ncapayi, Ncediwe, Tsolekile, Sundararajan, Parani, Sandile P., Songca, Shiro, Mori, Tetsuya, Kodama, Oluwatobi S., Oluwafemi	No
<a href="#">Dual Ultrasound and Photoacoustic Tracking of Magnetically Driven Micromotors: From In Vitro to In Vivo</a>	Advanced Healthcare Materials		2021	Azaam, Aziz, Joost, Holthof, Sandra, Meyer, Oliver G., Schmidt, Mariana, Medina-Sánchez	No
<a href="#">Photoacoustic image-guided corpus cavernosum intratumoral injection of adipose stem cell-derived exosomes loaded polydopamine thermosensitive hydrogel for erectile dysfunction treatment</a>	Bioactive Materials	<a href="https://doi.org/10.1016/j.bioactmat.2021.07.024">https://doi.org/10.1016/j.bioactmat.2021.07.024</a>	2021	Li, Liang, Yi, Shen, Zhifeng, Dong, Xin, Gu	No
<a href="#">Selective blood-brain barrier permeabilization of brain metastases by a type 1 receptor-selective tumor necrosis factor mutein</a>	Neuro-Oncology		2021	Mario F. Munoz Pinto, Sandra J. Campbell, Christina, Simoglou Karali, Vanessa A, Johanssen, Claire, Bristow, Vinton W T, Cheng, Niloufar, Zarghami, James R, Larkin, Maria, Pannell, Arron, Hearn, Cherry, Chui, Barbara, Brinquis Nunez, Evert, Bokma, Robert, Holgate, Daniel C, Anthony, Nicola R, Sibson	No
<a href="#">Highly efficient manipulation of nervous system gene expression with NEPTUNE</a>	Cell Reports Methods		2021	Katrin, Mangold, Jan, Mašek, Jingyan, He, Urban, Lendahl, Elaine, Fuchs, Emma R., Andersson	No
<a href="#">Ultrasound enhances the therapeutic potential of mesenchymal stem cells wrapped in greater omentum for aristolochic acid nephropathy</a>	Stem Cell Research and Therapy		2021	Yuanjun, Yang, Xiaodong, Geng, Kun, Chi, Chao, Liu, Ran, Liu, Xiangmei, Chen, Quan, Hong, Guangyan, Cai	No
<a href="#">Repeated mutation of a developmental enhancer contributed to human thermoregulatory evolution</a>	Proceedings of the National Academy of Sciences of the United States of America		2021	Daniel, Aldea, Yuji, Atsuta, Blerina, Kokalari, Stephen F., Schaffner, Rexxi D., Prasasya, Adam, Aharoni, Heather L., Dingwall, Bailey, Warder, Yana G., Kammerov	No
<a href="#">Optogenetic stimulation of cholinergic fibers for the modulation of insulin and glycemia</a>	Scientific Reports	<a href="https://doi.org/10.1038/s41598-021-83361-3">https://doi.org/10.1038/s41598-021-83361-3</a>	2021	Arjun K., Fontaine, David G., Ramirez, Samuel F., Littich, Robert A., Piscopio, Vira, Kravets, Wolfgang E., Schleicher, Naoko, Mizoguchi, John H., Caldwell, Richard F. ff., Weir, Richard K. P., Benninger	No
<a href="#">Subcutaneous Injection Performance in Yucatan Miniature Pigs with and without Human Hyaluronidase and Auto-injector Tolerability in Humans</a>	AAPS PharmSciTech		2021	Galen H., Shi, Robert J., Connor, David S., Collins, David W., Kang	No
<a href="#">Metabolomic differences in blastocoel and uterine fluids collected in vivo by ultrasound biomicroscopy on rabbit embryo</a>	Biology of Reproduction		2021	Sophie, Calderari, Nathalie, Daniel, Eve, Mourier, Christophe, Richard, Michele, Dahirel, Franck, Lager, Carmen, Marchiol, Gilles, Renault, Julie, Gatién, Lydie, Nadal-Desbarats, Pascale, Chavatte-Palmer, Véronique, Duranthon	No
<a href="#">Generation of neighbor-labeling cells to study intercellular interactions in vivo</a>	Nature Protocols		2020	Luigi, Ombrato, Emma, Nolan, Diana, Passaro, Ivana, Kurelac, Victoria L., Bridgeman, Alexander, Wacławiczek, Delfim, Duarte, Cristina, Lo Celso, Dominique, Bonnet, Ilaria, Malanchi	No

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<a href="#">In vivo selection of the MDA-MB-231br/eGFP cancer cell line to obtain a clinically relevant rat model for triple negative breast cancer brain metastasis</a>	PLoS ONE	<a href="http://dx.doi.org/10.1371/journal.pone.0243156">http://dx.doi.org/10.1371/journal.pone.0243156</a>	2020	Valerie, de Meulenaere, Benedicte, Descamps, Olivier, de Wever, Christian, Vanhove, Karel, Deblaere	No
<a href="#">Maternal regulation of inflammatory cues is required for induction of preterm birth</a>	JCI insight		2020	Monica, Cappelletti, Jessica R., Doll, Traci E., Stankiewicz, Matthew J., Lawson, Vivien, Sauer, Bingqiang, Wen, Vladimir V., Kalinichenko, Xiaofei, Sun, Tamara, Tilburgs, Senad, Divanovic	No
<a href="#">Klk4 induces anti-tumor effects in human xenograft mouse models of orthotopic and metastatic prostate cancer</a>	Cancers		2020	Brian W.C., Tse, Thomas, Kryza, Mei Chun, Yeh, Ying, Dong, Kamil A., Sokolowski, Carina, Walpole, Tobias, Dreyer, Johanna, Felber, Jonathan, Harris, Viktor, Magdolen, Pamela J., Russell, Judith A., Clements	No
<a href="#">Bruceantin targets HSP90 to overcome resistance to hormone therapy in castration-resistant prostate cancer</a>	Theranostics		2020	Sue Jin, Moon, Byong Chang, Jeong, Hwa Jin, Kim, Joung Eun, Lim, Hye Jeong, Kim, Ghee Young, Kwon, Joshua A., Jackman, Jeong Hoon, Kim	No
<a href="#">Modulation of SERCA2a expression and function by ultrasound-guided myocardial gene transfection</a>	Experimental and Therapeutic Medicine	<a href="http://www.spandidos-publications.com/10.3892/etm.2020.9261">http://www.spandidos-publications.com/10.3892/etm.2020.9261</a>	2020	Zhongshan, Gou, Xinxin, Yan, Hongjing, Jia, Kangyun, Sun, Ping, Li, Qian, Zhang, Xuedong, Deng	No
<a href="#">In vivo photoacoustic guidance of stem cell injection and delivery for regenerative spinal cord therapies</a>	Neurophotonics		2020	Kelsey P., Kubelick, Stanislav Y., Emelianov	No
<a href="#">Therapy with Cardiomyocytes Derived from Pluripotent Cells in Chronic Chagasic Cardiomyopathy</a>	Cells		2020	Guilherme Visconde, Brasil, Danúbia, Silva Dos Santos, Elias Ataíde, Mendonça, Fernanda Cristina Paccola, Mesquita, Tais Hanae, Kasai-Brunswick, Sandro Torrentes da, Cunha, Cibele Ferreira, Pimentel, Andréia de, Vasconcelos-Dos-Santos, Rosália, Mendez-Otero, Clério Francisco de, Azevedo Filho, Regina Coeli Dos Santos, Goldenberg, Antonio Carlos, Campos de Carvalho	No
<a href="#">The alarmin interleukin-1<math>\alpha</math> causes preterm birth through the NLRP3 inflammasome</a>	Molecular Human Reproduction		2020	K, Motomura, R, Romero, V, Garcia-Flores, Y, Leng, Y, Xu, J, Galaz, R, Slutsky, D, Levenson, N, Gomez-Lopez	No
<a href="#">Cell Fate Potential of NG2 Progenitors</a>	Scientific Reports		2020	Rebeca, Sánchez-González, Ana, Bribián, Laura, López-Mascaraque	No
<a href="#">Selective Translation of Cell Fate Regulators Mediates Tolerance to Broad Oncogenic Stress</a>	Cell Stem Cell	<a href="https://doi.org/10.1016/j.stem.2020.05.007">https://doi.org/10.1016/j.stem.2020.05.007</a>	2020	Elise Y, Cai, Megan N, Kufeld, Samantha, Schuster, Sonali, Arora, Madeline, Larkin, Alexandre A, Germanos, Andrew C, Hsieh, Slobodan, Beronja	No
<a href="#">Fluorescent Silica Nanoparticles to Label Metastatic Tumor Cells in Mineralized Bone Microenvironments</a>	Small	<a href="https://onlinelibrary.wiley.com/doi/abs/10.1002/sml.202001432">https://onlinelibrary.wiley.com/doi/abs/10.1002/sml.202001432</a>	2020	Aaron E., Chiou, Joshua A., Hinkley, Rupal, Khaitan, Neta, Varsano, Jonathan, Wang, Henry F., Malarkey, Christopher J., Hernandez, Rebecca M., Williams, Lara A., Estroff, Steve, Weiner, Lia, Addadi, Ulrich B., Wiesner, Claudia, Fischbach	No

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<a href="#">Heterogeneity and chimerism of endothelial cells revealed by single-cell transcriptome in orthotopic liver tumors</a>	Angiogenesis	<a href="https://doi.org/10.1007/s10456-020-09727-9">https://doi.org/10.1007/s10456-020-09727-9</a>	2020	Qi, Zhao, Maria del Pilar, Molina-Portela, Asma, Parveen, Alexander, Adler, Christina, Adler, Hock, E, Wei, Wang, Min, Ni, Yi, Wei, Gurinder, Atwal, Markus, Mohrs, Gavin, Thurston, Alexandra, Eichten	No
<a href="#">Opposing Functions of BRD4 Isoforms in Breast Cancer</a>	Molecular Cell	<a href="https://doi.org/10.1016/j.molcel.2020.04.034">https://doi.org/10.1016/j.molcel.2020.04.034</a>	2020	Shwu-Yuan, Wu, Chien-Fei, Lee, Hsien-Tsung, Lai, Cheng-Tai, Yu, Ji-Eun, Lee, Hao, Zuo, Sophia Y., Tsai, Ming-Jer, Tsai, Kai, Ge, Yihong, Wan, Cheng-Ming, Chiang	No
<a href="#">The role of a lncRNA (TCONS_00044595) in regulating pineal CLOCK expression after neonatal hypoxia-ischemia brain injury</a>	Biochemical and Biophysical Research Communications	<a href="https://doi.org/10.1016/j.bbrc.2020.05.047">https://doi.org/10.1016/j.bbrc.2020.05.047</a>	2020	Hong, Li, Li-Xiao, Xu, Jian, Yu, Lanlan, Tan, Po, Miao, Xiaofeng, Yang, Qiuyan, Tian, Mei, Li, Chen-Xi, Feng, Yuanyuan, Yang, Ning, Sha, Xing, Feng, Bin, Sun, Min, Gong, Xin, Ding	No
<a href="#">Humanized bone facilitates prostate cancer metastasis and recapitulates therapeutic effects of zoledronic acid in vivo</a>	Bone Research	<a href="http://www.nature.com/articles/s41413-019-0072-9">http://www.nature.com/articles/s41413-019-0072-9</a>	2019	Marietta, Landgraf, Christoph A., Lahr, Alvaro, Sanchez-Herrero, Christoph, Meinert, Ali, Shokooohmand, Pamela M., Pollock, Dietmar W., Hutmacher, Abbas, Shafiee, Jacqui A., McGovern	No
<a href="#">Transient callosal projections of L4 neurons are eliminated for the acquisition of local connectivity</a>	Nature Communications	<a href="http://dx.doi.org/10.1038/s41467-019-12495-w">http://dx.doi.org/10.1038/s41467-019-12495-w</a>	2019	N. S., De León Reyes, S., Mederos, I., Varela, L. A., Weiss, G., Perea, M. J., Galazo, M., Nieto	No
<a href="#">Interaction of tumor cells and astrocytes promotes breast cancer brain metastases through TGF-β2/ANGPTL4 axes</a>	npj Precision Oncology	<a href="http://dx.doi.org/10.1038/s41698-019-0094-1">http://dx.doi.org/10.1038/s41698-019-0094-1</a>	2019	Xianghui, Gong, Zhimin, Hou, Michael P, Endsley, Emily I, Gronseth, Kevin R, Rarick, Julie M, Jorns, Qihui, Yang, Zhenggui, Du, Ke, Yan, Michelle L, Bordas, Jill, Gershan, Parashar, Deepak, Anjali, Geethadevi, Pradeep, Chaluvally-Raghavan, Yubo, Fan, David R, Harder, Ramani, Ramchandran, Ling, Wang	No
<a href="#">Identification of novel cerebellar developmental transcriptional regulators with motif activity analysis</a>	BMC Genomics	<a href="https://bmcbgenomics.biomedcentral.com/articles/10.1186/s12864-019-6063-9">https://bmcbgenomics.biomedcentral.com/articles/10.1186/s12864-019-6063-9</a>	2019	Thomas J., Ha, Peter G. Y., Zhang, Remi, Robert, Joanna, Yeung, Douglas J., Swanson, Anthony, Mathelier, Wyeth W., Wasserman, Sujin, Im, Masayoshi, Itoh, Hideya, Kawaji, Timo, Lassmann, Carsten O., Daub, Erik, Arner, Piero, Carninci, Yoshihide, Hayashizaki, Alistair R. R., Forrest, Daniel, Goldowitz	No
<a href="#">Fetal T Cell Activation in the Amniotic Cavity during Preterm Labor: A Potential Mechanism for a Subset of Idiopathic Preterm Birth</a>	The Journal of Immunology	<a href="http://www.jimmunol.org/lookup/doi/10.4049/jimmunol.1900621">http://www.jimmunol.org/lookup/doi/10.4049/jimmunol.1900621</a>	2019	Nardhy, Gomez-Lopez, Roberto, Romero, Yi, Xu, Derek, Miller, Marcia, Arenas-Hernandez, Valeria, Garcia-Flores, Bogdan, Panaitescu, Jose, Galaz, Chaur-Dong, Hsu, Robert, Para, Stanley M., Berry	No

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<a href="#">Small-Molecule and CRISPR Screening Converge to Reveal Receptor Tyrosine Kinase Dependencies in Pediatric Rhabdoid Tumors</a>	Cell Reports	<a href="https://doi.org/10.1016/j.celrep.2019.07.021">https://doi.org/10.1016/j.celrep.2019.07.021</a>	2019	Elaine M., Oberlick, Matthew G., Rees, Brinton, Seashore-Ludlow, Francisca, Vazquez, Geoffrey M., Nelson, Neekesh V., Dharia, Barbara A., Weir, Aviad, Tsherniak, Mahmoud, Ghandi, John M., Krill-Burger, Robin M., Meyers, Xiaofeng, Wang, Phil, Montgomery, David E., Root, Jake M., Bieber, Sandi, Radko, Jaime H., Cheah, C. Suk-Yee, Hon, Alykhan F., Shamji, Paul A., Clemons, Peter J., Park, Michael A., Dyer, Todd R., Golub, Kimberly, Stegmaier, William C., Hahn, Elizabeth A., Stewart, Stuart L., Schreiber, Charles W.M., Roberts	No
<a href="#">Inflammatory Activation of Astrocytes Facilitates Melanoma Brain Tropism via the CXCL10-CXCR3 Signaling Axis</a>	Cell Reports	<a href="https://doi.org/10.1016/j.celrep.2019.07.033">https://doi.org/10.1016/j.celrep.2019.07.033</a>	2019	Hila, Doron, Malak, Amer, Nour, Ershaid, Raquel, Blazquez, Ophir, Shani, Tzili Gener, Lahav, Noam, Cohen, Omer, Adler, Zahi, Hakim, Sabina, Pozzi, Anna, Scomparin, Jonathan, Cohen, Muhammad, Yassin, Lea, Monteran, Rachel, Grossman, Galia, Tsarfaty, Chen, Luxenburg, Ronit, Satchi-Fainaro, Tobias, Pukrop, Neta, Erez	No
<a href="#">Development of orthotopic tumour models using ultrasound-guided intrahepatic injection</a>	Scientific Reports	<a href="http://www.nature.com/articles/s41598-019-46410-6">http://www.nature.com/articles/s41598-019-46410-6</a>	2019	L. E., McVeigh, I., Wijetunga, N., Ingram, G., Marston, R., Prasad, A. F., Markham, P. L., Coletta	No
<a href="#">Assessing therapeutic response non-invasively in a neonatal rat model of acute inflammatory white matter injury using high-field MRI</a>	Brain, Behavior, and Immunity	<a href="https://doi.org/10.1016/j.bbi.2019.06.032">https://doi.org/10.1016/j.bbi.2019.06.032</a>	2019	Wyston C., Pierre, Luis, Akakpo, Irène, Londono, Philippe, Pouliot, Sylvain, Chemtob, Frédéric, Lesage, Gregory A., Lodygensky	No
<a href="#">Imaging of X-Ray-Excited Emissions from Quantum Dots and Biological Tissue in Whole Mouse</a>	Scientific Reports	<a href="http://www.nature.com/articles/s41598-019-55769-5">http://www.nature.com/articles/s41598-019-55769-5</a>	2019	Sean G., Ryan, Matthew N., Butler, Segun S., Adeyemi, Tammy, Kalber, P. Stephen, Patrick, May, Zaw Thin, Ian F., Harrison, Daniel J., Stuckey, Martin, Pule, Mark F., Lythgoe	No
<a href="#">MR imaging as a precise technique to evaluate skull-base tumor volume: Comparison of CT, MR imaging and FDG PET from murine and clinical data</a>	Journal of Cranio-Maxillofacial Surgery	<a href="https://doi.org/10.1016/j.jcms.2019.12.007">https://doi.org/10.1016/j.jcms.2019.12.007</a>	2020	Qing-Xiang, Li, Rong, Yang, Yi-Fei, Wang, Hong-Fang, Sun, Hai-Bo, Wang, Hao, Liu, Yu-Xing, Guo, Chuan-Bin, Guo	No
<a href="#">A polymeric paste-drug formulation for intratumoral treatment of prostate cancer</a>	Prostate Cancer and Prostatic Diseases	<a href="http://dx.doi.org/10.1038/s41391-019-0190-x">http://dx.doi.org/10.1038/s41391-019-0190-x</a>	2019	Claudia, Kesch, Veronika, Schmitt, Samir, Bidnur, Marisa, Thi, Eliana, Beraldi, Igor, Moskalev, Virginia, Yago, Mary, Bowden, Hans, Adomat, Ladan, Fazil, John K., Jackson, Martin E., Gleave	No
<a href="#">Alteration of the brain methylation landscape following postnatal inflammatory injury in rats</a>	The FASEB Journal	<a href="https://onlinelibrary.wiley.com/doi/abs/10.1096/fj.201901461R">https://onlinelibrary.wiley.com/doi/abs/10.1096/fj.201901461R</a>	2020	Wyston C., Pierre, Lisa-Marie, Legault, Irene, Londono, Serge, McGraw, Gregory A., Lodygensky	No
<a href="#">Physiologic expansion of human heart-derived cells enhances therapeutic repair of injured myocardium</a>	Stem Cell Research & Therapy	<a href="https://stemcellres.biomedcentral.com/articles/10.1186/s13287-019-1418-3">https://stemcellres.biomedcentral.com/articles/10.1186/s13287-019-1418-3</a>	2019	Seth, Mount, Pushpinder, Kanda, Sandrine, Parent, Saad, Khan, Connor, Michie, Liliana, Davila, Vincent, Chan, Ross A., Davies, Haissam, Haddad, David, Courtman, Duncan J., Stewart, Darryl R., Davis	No

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<a href="#">Stem cell delivery to kidney via minimally invasive ultrasound-guided renal artery injection in mice</a>	Scientific Reports	<a href="http://www.nature.com/articles/s41598-020-64417-2">http://www.nature.com/articles/s41598-020-64417-2</a>	2020	May, Zaw Thin, Olumide, Ogunlade, Joan, Comenge, P Stephen, Patrick, Daniel J, Stuckey, Anna L, David, Mark F, Lythgoe, Paul, Beard, Tammy L, Kalber	No
<a href="#">Differential regulation of breast cancer bone metastasis by PARP1 and PARP2</a>	Nature Communications	<a href="http://dx.doi.org/10.1038/s41467-020-15429-z">http://dx.doi.org/10.1038/s41467-020-15429-z</a>	2020	Hao, Zuo, Dengbao, Yang, Qiwen, Yang, Haidong, Tang, Yang-Xin, Fu, Yihong, Wan	No
<a href="#">Deterministic paracrine repair of injured myocardium using microfluidic-based cocooning of heart explant-derived cells</a>	Biomaterials	<a href="https://doi.org/10.1016/j.biomaterials.2020.120010">https://doi.org/10.1016/j.biomaterials.2020.120010</a>	2020	Pushpinder, Kanda, Ainara, Benavente-Babace, Sandrine, Parent, Michie, Connor, Nicholas, Soucy, Alexander, Steeves, Aizhu, Lu, Nicholas David, Cober, David, Courtman, Fabio, Variola, Emilio I, Alarcon, Wenbin, Liang, Duncan J, Stewart, Michel, Godin, Darryl R, Davis	No
<a href="#">Multipotency of mouse trophoblast stem cells</a>	Stem Cell Research & Therapy	<a href="https://stemcellres.biomedcentral.com/articles/10.1186/s13287-020-1567-4">https://stemcellres.biomedcentral.com/articles/10.1186/s13287-020-1567-4</a>	2020	Minmin, Hou, Junwen, Han, Gu, Li, Min-Young, Kwon, Jiani, Jiang, Sirisha, Emani, Elizabeth S., Taglauer, Jin-Ah, Park, Eun-Bee, Choi, Munender, Vodnala, Yick W., Fong, Sitaram M., Emani, Ivan O., Rosas, Mark A., Perrella, Xiaoli, Liu	No
<a href="#">Embryonic Barcoding of Equipotent Mammary Progenitors Functionally Identifies Breast Cancer Drivers</a>	Cell Stem Cell	<a href="https://doi.org/10.1016/j.stem.2020.01.009">https://doi.org/10.1016/j.stem.2020.01.009</a>	2020	Zhe, Ying, Slobodan, Beronja	No
<a href="#">Radio-metal cross-linking of alginate hydrogels for non-invasive in vivo imaging</a>	Biomaterials	<a href="https://doi.org/10.1016/j.biomaterials.2020.119930">https://doi.org/10.1016/j.biomaterials.2020.119930</a>	2020	P. Stephen, Patrick, Joseph C., Bear, Heather E., Fitzke, May, Zaw-Thin, Ivan P., Parkin, Mark F., Lythgoe, Tammy L., Kalber, Daniel J., Stuckey	No
<a href="#">Proteomic Profiling of the ECM of Xenograft Breast Cancer Metastases in Different Organs Reveals Distinct Metastatic Niches</a>	Cancer Research	<a href="http://cancerres.aacrjournals.org/lookup/doi/10.1158/0008-5472.CAN-19-2961">http://cancerres.aacrjournals.org/lookup/doi/10.1158/0008-5472.CAN-19-2961</a>	2020	Jess D., Hebert, Samuel A., Myers, Alexandra, Naba, Genevieve, Abbruzzese, John M., Lamar, Steven A., Carr, Richard O., Hynes	No
<a href="#">Radioembolization of Hepatocellular Carcinoma with Built-In Dosimetry: First in vivo Results with Uniformly-Sized, Biodegradable Microspheres Labeled with 188 Re</a>	Theranostics	<a href="http://www.thno.org/v09p0868.htm">http://www.thno.org/v09p0868.htm</a>	2019	José Carlos De La, Vega, Pedro Luis, Esquinas, Cristina, Rodríguez-Rodríguez, Mehrdad, Bokharaei, Igor, Moskalev, David, Liu, Katayoun, Saatchi, Urs O., Häfeli	No
<a href="#">A near-infrared turn-on probe for in vivo chemoselective photoacoustic detection of fluoride ion</a>	Dyes and Pigments	<a href="https://doi.org/10.1016/j.dyepig.2019.02.049">https://doi.org/10.1016/j.dyepig.2019.02.049</a>	2019	Leli, Zeng, Yanyan, Yuan, Chao, Jiang, Jing, Mu, Fan, Li, Yilin, Wan, Han, Xu, Junle, Qu, Peng, Huang, Jing, Lin	No
<a href="#">Targeting the perivascular niche sensitizes disseminated tumour cells to chemotherapy</a>	Nature Cell Biology	<a href="http://www.nature.com/articles/s41556-018-0267-0">http://www.nature.com/articles/s41556-018-0267-0</a>	2019	Patrick, Carlson, Arko, Dasgupta, Candice A., Grzelak, Jeanna, Kim, Alexander, Barrett, Ilsa M., Coleman, Ryann E., Shor, Erica T., Goddard, Jinxiang, Dai, Emma M., Schweitzer, Andrea R., Lim, Sarah B., Crist, David A., Cheresch, Peter S., Nelson, Kirk C., Hansen, Cyrus M., Ghajar	No
<a href="#">Imaging of the Mouse Lymphatic Sinus during Early Stage Lymph Node Metastasis Using Intravital Lymphangiography with X-ray Micro-computed Tomography</a>	Molecular Imaging and Biology	<a href="http://link.springer.com/10.1007/s11307-018-01303-4">http://link.springer.com/10.1007/s11307-018-01303-4</a>	2019	Ryo, Iwamura, Maya, Sakamoto, Shiro, Mori, Tetsuya, Kodama	No

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<a href="#">Species-dependent extracranial manifestations of a brain seeking breast cancer cell line</a>	PLOS ONE	<a href="http://dx.plos.org/10.1371/journal.pone.0208340">http://dx.plos.org/10.1371/journal.pone.0208340</a>	2018	Valerie, De Meulenaere, Sara, Neyt, Bert, Vandeghinste, Pieter, Mollet, Olivier, De Wever, Elke, Decrock, Luc, Leybaert, Ingeborg, Goethals, Christian, Vanhove, Benedicte, Descamps, Karel, Deblaere	No
<a href="#">Inflammation-Induced Intra-Amniotic Inflammation Induces Preterm Birth by Activating the NLRP3 Inflammasome</a>	Biology of Reproduction	<a href="https://academic.oup.com/biolreprod/advance-article/doi/10.1093/biolre/iy261/5...">https://academic.oup.com/biolreprod/advance-article/doi/10.1093/biolre/iy261/5...</a>	2018	Jonathan, Faro, Roberto, Romero, George, Schwenkel, Valeria, Garcia-Flores, Marcia, Arenas-Hernandez, Yaozhu, Leng, Yi, Xu, Derek, Miller, Sonia S, Hassan, Nardhy, Gomez-Lopez	No
<a href="#">Caspase Cleavage of Gelsolin Is an Inductive Cue for Pathologic Cardiac Hypertrophy</a>	Journal of the American Heart Association	<a href="https://www.ahajournals.org/doi/10.1161/JAHA.118.010404">https://www.ahajournals.org/doi/10.1161/JAHA.118.010404</a>	2018	Charis, Putinski, Mohammad, Abdul-Ghani, Steve, Brunette, Patrick G., Burgon, Lynn A., Megency	No
<a href="#">Noninvasive quantification of oxygen saturation in the portal and hepatic veins in healthy mice and those with colorectal liver metastases using QSM MRI</a>	Magnetic Resonance in Medicine	<a href="http://doi.wiley.com/10.1002/mrm.27571">http://doi.wiley.com/10.1002/mrm.27571</a>	2018	Eoin, Finnerty, Rajiv, Ramasawmy, James, O'Callaghan, John J., Connell, Mark, Lythgoe, Karin, Shmueli, David L., Thomas, Simon, Walker-Samuel	No
<a href="#">Persistent reduction in sialylation of cerebral glycoproteins following postnatal inflammatory exposure</a>	Journal of Neuroinflammation	<a href="https://jneuroinflammation.biomedcentral.com/articles/10.1186/s12974-018-1367-2">https://jneuroinflammation.biomedcentral.com/articles/10.1186/s12974-018-1367-2</a>	2018	Ekaterina P, Demina, Wiston C, Pierre, Annie L A, Nguyen, Irene, Londono, Bela, Reiz, Chunxia, Zou, Radhika, Chakraborty, Christopher W, Cairo, Alexey V, Pshezhetsky, Gregory A, Lodygensky	No
<a href="#">Repurposing simvastatin as a therapy for preterm labor: evidence from preclinical models</a>	The FASEB Journal	<a href="https://www.fasebj.org/doi/10.1096/fj.201801104R">https://www.fasebj.org/doi/10.1096/fj.201801104R</a>	2018	Ashley K, Boyle, Sara F, Rinaldi, Adriano G, Rossi, Philippa T K, Saunders, Jane E, Norman	No
<a href="#">Modulation of neuroinflammation and memory dysfunction using percutaneous vagus nerve stimulation in mice</a>	Brain Stimulation		2018	William J., Huffman, Saraswathi, Subramaniam, Ramona M., Rodriguez, William C., Wetsel, Warren M., Grill, Niccolò, Terrando	No
<a href="#">Mesopore-Induced Aggregation of Cobalt Protoporphyrin for Photoacoustic Imaging and Antioxidant Protection of Stem Cells</a>	Advanced Functional Materials		2018	Minghua, Yao, Ming, Ma, Hongbo, Zhang, Yuezhou, Zhang, Gang, Wan, Jie, Shen, Hangrong, Chen, Rong, Wu	No
<a href="#">Free-hand ultrasound guidance permits safe and efficient minimally invasive intrathymic injections in both young and aged mice</a>	Ultrasound in Medicine and Biology		2015	Andrea Z., Tuckett, Johannes L., Zakrzewski, Duan, Li, Marcel R.M., van den Brink, Raymond H., Thornton	No
<a href="#">An alternative method for intrathymic injections in mice</a>	Lab Animal	<a href="http://dx.doi.org/10.1038/labon0810-248">http://dx.doi.org/10.1038/labon0810-248</a>	2010	Robin, Blair-Handon, Kristen, Mueller, Shelley, Hoogstraten-Miller	No
<a href="#">Selective inhibition of the lactate transporter MCT4 reduces growth of invasive bladder cancer</a>	Molecular Cancer Therapeutics	<a href="http://mct.aacrjournals.org/lookup/doi/10.1158/1535-7163.MCT-18-0107">http://mct.aacrjournals.org/lookup/doi/10.1158/1535-7163.MCT-18-0107</a>	2018	Tilman, Todenhöfer, Roland, Seiler, Craig, Stewart, Igor, Moskalev, Jian, Gao, Simroop, Ladhari, Alireza, Kamyabi, Nader, Al Nakouzi, Tetsutaro, Hayashi, Stephen, Choi, Yuzhuo, Wang, Sebastian, Frees, Mads, Dugaard, Htoo Zarni, Oo, Pascale, Fisel, Matthias, Schwab, Elke, Schaeffeler, James, Douglas, Jörg, Hennenlotter, Jens, Bedke, Ewan A, Gibb, Ladan, Fazli, Arnulf, Stenzl, Peter C, Black	No



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<a href="#">Touch and tactile neuropathic pain sensitivity are set by corticospinal projections</a>	Nature	<a href="http://www.nature.com/articles/s41586-018-0515-2">http://www.nature.com/articles/s41586-018-0515-2</a>	2018	Yuanyuan, Liu, Alban, Latremoliere, Xinjian, Li, Zicong, Zhang, Mengying, Chen, Xuhua, Wang, Chao, Fang, Junjie, Zhu, Chloe, Alexandre, Zhongyang, Gao, Bo, Chen, Xin, Ding, Jin-Yong, Zhou, Yiming, Zhang, Chinfai, Chen, Kuan Hong, Wang, Clifford J., Woolf, Zhigang, He	No
<a href="#">Local checkpoint inhibition of CTLA-4 as a monotherapy or in combination with anti-PD1 prevents the growth of murine bladder cancer</a>	European Journal of Immunology		2017	Luuk, van Hooren, Linda C., Sandin, Igor, Moskalev, Peter, Ellmark, Anna, Dimberg, Peter, Black, Thomas H., Titz, Atterman, Sara M., Mangsbo	No
<a href="#">Multimodality cellular and molecular imaging of concomitant tumour enhancement in a syngeneic mouse model of breast cancer metastasis</a>	Scientific Reports	<a href="http://www.nature.com/articles/s41598-018-27208-4">http://www.nature.com/articles/s41598-018-27208-4</a>	2018	Katie M, Parkins, Veronica P, Dubois, Amanda M, Hamilton, Ashley V, Makela, John A, Ronald, Paula J, Foster	No
<a href="#">The oncolytic Adenovirus XVir-N-31 as a novel therapy in muscle-invasive bladder cancer</a>	Human Gene Therapy	<a href="http://www.liebertpub.com/doi/10.1089/hum.2018.026">http://www.liebertpub.com/doi/10.1089/hum.2018.026</a>	2018	Eva, Lichtenegger, Florestan, Koll, Helena, Haas, Klaus, Mantwill, Klaus-Peter, Janssen, Melanie, Laschinger, Jürgen, Gschwend, Katja, Steiger, Peter, Black, Igor, Moskalev, Roman, Nawroth, Per Sonne, Holm	No
<a href="#">Cranial irradiation increases tumor growth in experimental breast cancer brain metastasis</a>	NMR in Biomedicine		2018	A.M., Hamilton, S.M., Wong, E., Wong, P.J., Foster	No
<a href="#">Repeated administrations of cardiac progenitor cells are superior to a single administration of an equivalent cumulative dose</a>	Journal of the American Heart Association		2018	Xian Liang, Tang, Shunichi, Nakamura, Qianhong, Li, Marcin, Wysoczynski, Anna M., Gumpert, Wen Jian, Wu, Greg, Hunt, Heather, Stowers, Qinghui, Ou, Roberto, Bolli	No
<a href="#">Abstract 3109: Ultrasound-mediated delivery and distribution of polymeric nanoparticles in the normal brain parenchyma and melanoma metastases</a>	Cancer Chemistry	<a href="http://cancerres.aacrjournals.org/content/77/13_Supplement/3109%0Ahttp://ovidsp...">http://cancerres.aacrjournals.org/content/77/13_Supplement/3109%0Ahttp://ovidsp...</a>	2017	Habib, Baghirov, Sofie, Snipstad, Einar, Sulheim, Sigrid, Berg, Rune, Hansen, Frits, Thorsen, Yrr, Mørch, Catharina de Lange, Davies, Andreas, Åslund	No
<a href="#">Caveolin1 Identifies a Specific Subpopulation of Cerebral Cortex Callosal Projection Neurons (CPN) Including Dual Projecting Cortical Callosal/Frontal Projection Neurons (CPN/FPN)</a>	Eneuro	<a href="http://eneuro.sfn.org/lookup/doi/10.1523/ENEURO.0234-17.2017">http://eneuro.sfn.org/lookup/doi/10.1523/ENEURO.0234-17.2017</a>	2018	Jessica L., MacDonald, Ryann M., Fame, Eva M., Gillis-Buck, Jeffrey D., Macklis	No
<a href="#">Acquisition of Cholangiocarcinoma Traits during Advanced Hepatocellular Carcinoma Development in Mice</a>	The American Journal of Pathology	<a href="http://linkinghub.elsevier.com/retrieve/pii/S0002944017308659">http://linkinghub.elsevier.com/retrieve/pii/S0002944017308659</a>	2017	Liyuan, Li, Maoxiang, Qian, I-Hsuan, Chen, David, Finkelstein, Arzu, Onar-Thomas, Melissa, Johnson, Christopher, Calabrese, Armita, Bahrami, Dolores H., López-Terrada, Jun J., Yang, W. Andy, Tao, Liqin, Zhu	No
<a href="#">Mechanical behavior and matrix gene expression in the aneurysm-prone thoracic aorta of newborn lysyl oxidase knockout mice.</a>	American journal of physiology. Heart and circulatory physiology	<a href="http://www.ncbi.nlm.nih.gov/pubmed/28550176%0Ahttp://www.pubmedcentral.nih.gov/...">http://www.ncbi.nlm.nih.gov/pubmed/28550176%0Ahttp://www.pubmedcentral.nih.gov/...</a>	2017	Marius Catalin, Staiculescu, Jungsil, Kim, Robert P, Mecham, Jessica E, Wagenseil	No
<a href="#">Intrathymic injection of hematopoietic progenitor cells establishes functional T cell development in a mouse model of severe combined immunodeficiency</a>	Journal of Hematology & Oncology	<a href="http://jhoonline.biomedcentral.com/articles/10.1186/s13045-017-0478-z">http://jhoonline.biomedcentral.com/articles/10.1186/s13045-017-0478-z</a>	2017	Andrea Z, Tuckett, Raymond H, Thornton, Richard J., O'Reilly, Marcel R. M., van den Brink, Johannes L, Zakrzewski	No

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<a href="#">Dynamic weight bearing analysis is effective for evaluation of tendinopathy using a customized corridor with multi-directional force sensors in a rat model</a>	Scientific Reports		2017	Po Ting, Wu, Chieh Hsiang, Hsu, Fong Chin, Su, I. Ming, Jou, Shih Yao, Chen, Chao Liang, Wu, Wei Ren, Su, Li Chieh, Kuo	No
<a href="#">Tissue-directed Implantation Using Ultrasound Visualization for Development of Biologically Relevant Metastatic Tumor Xenografts</a>	In vivo		2017	Raelene A V A N, Noord, Tina, Thomas, Melanie, Krook, Sahiti, Chukkapalli, Mark J, Hoenerhoff, Jonathan R, Dillman, Elizabeth R, Lawlor, Valerie P, Opiari, Erika A, Newman	No
<a href="#">CD8<math>\alpha</math> intraepithelial lymphocytes arise from two main thymic precursors</a>	Nature Immunology		2017	Roland, Ruscher, Rebecca L, Kummer, You Jeong, Lee, Stephen C, Jameson, Kristin A, Hogquist	No
<a href="#">Establishment of highly metastatic KRAS mutant lung cancer cell sublines in long-term three-dimensional low attachment cultures</a>	PLoS ONE		2017	Tomoyuki, Nakano, Yoshihiko, Kanai, Yusuke, Amano, Taichiro, Yoshimoto, Daisuke, Matsubara, Tomoki, Shibano, Tomoko, Tamura, Sachiko, Oguni, Shizuka, Katashiba, Takeshi, Ito, Yoshinori, Murakami, Masashi, Fukayama, Takashi, Murakami, Shunsuke, Endo, Toshiro, Niki	No
<a href="#">User-independent diffusion tensor imaging analysis pipelines in a rat model presenting ventriculomegalia: A comparison study</a>	NMR in Biomedicine		2017	Luis, Akakpo, Wiston C, Pierre, Chen, Jin, Irène, Londono, Philippe, Pouliot, Gregory A, Lodygensky	No
<a href="#">Photoacoustic Imaging of Embryonic Stem Cell-Derived Cardiomyocytes in Living Hearts with Ultrasensitive Semiconducting Polymer Nanoparticles</a>	Advanced Functional Materials		2017	Xulei, Qin, Haodong, Chen, Huaxiao, Yang, Haodi, Wu, Xin, Zhao, Huiyuan, Wang, Tony, Chour, Evgenios, Neofytou, Dan, Ding, Heike, Daldrop-Link, Sarah C, Heilshorn, Kai, Li, Joseph C, Wu	No
<a href="#">Phosphatidylserine targeted single-walled carbon nanotubes for photothermal ablation of bladder cancer</a>	Nanotechnology	<a href="http://dx.doi.org/10.1088/1361-6528/aa9c0c">http://dx.doi.org/10.1088/1361-6528/aa9c0c</a>	2018	Needa A, Virani, Carole, Davis, Patrick, McKernan, Paul, Hauser, Robert E, Hurst, Joel, Slaton, Ricardo P, Silvy, Daniel E, Resasco, Roger G, Harrison	No
<a href="#">Metabotropic glutamate receptor 5 mediates the suppressive effect of 6-OHDA-induced model of Parkinson's disease on liver cancer</a>	Pharmacological Research	<a href="http://linkinghub.elsevier.com/retrieve/pii/S1043661816312907">http://linkinghub.elsevier.com/retrieve/pii/S1043661816312907</a>	2017	Shao-Song, Xi, Xiao-Xu, Bai, Li, Gu, Li-Hui, Bao, Hui-Min, Yang, Wei, An, Xiao-Min, Wang, Hong, Zhang	No
<a href="#">A novel treatment for metastatic lymph nodes using lymphatic delivery and photothermal therapy</a>	Scientific Reports	<a href="http://dx.doi.org/10.1038/srep45459">http://dx.doi.org/10.1038/srep45459</a>	2017	Adewale O., Oladipo, Oluwatobi S., Oluwafemi, Sandile P., Songca, Ariunbuyan, Sukhbaatar, Shiro, Mori, Junnosuke, Okajima, Atsuki, Komiya, Shigenao, Maruyama, Tetsuya, Kodama	No
<a href="#">Activation of EphA1-Epha receptor axis attenuates diabetic nephropathy in mice</a>	Biochemical and Biophysical Research Communications	<a href="http://dx.doi.org/10.1016/j.bbrc.2017.03.100">http://dx.doi.org/10.1016/j.bbrc.2017.03.100</a>	2017	Yihui, Li, Hongdan, Yan, Feng, Wang, Shanying, Huang, Yun, Zhang, Zhihao, Wang, Ming, Zhong, Wei, Zhang	No
<a href="#">High-Resolution Ultrasound in Research of Mouse Orthotopic Glioma and Ultrasound-Guided Cell Implant</a>	Advances in Molecular Imaging	<a href="http://www.scirp.org/journal/doi.aspx?DOI=10.4236/ami.2011.12004">http://www.scirp.org/journal/doi.aspx?DOI=10.4236/ami.2011.12004</a>	2011	Byung Kook, Kwak, Jean-Francois H., Geschwind, Pramod P., Rao, Shinichi, Ota, Romaric, Loffroy, MingDe, Lin, Shanmugasundaram, Ganapathy-Kanniappan, Rani, Kunjithapatham, Manon, Buijs, Labiq H., Syed, Eleni, Liapi, Vadappuram P., Chacko, Mustafa, Vali	No

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<a href="#">Monitoring of Blood Vessel Density Using Contrast-Enhanced High Frequency Ultrasound May Facilitate Early Diagnosis of Lymph Node Metastasis</a>	Journal of Cancer	<a href="http://www.jcancer.org/v08p0704.htm">http://www.jcancer.org/v08p0704.htm</a>	2017	Takuma, Sato, Tomoaki, Takemura, Tomoki, Ouchi, Shiro, Mori, Maya, Sakamoto, Yoichi, Arai, Tetsuya, Kodama	No
<a href="#">Murine ultrasound-guided transabdominal para-aortic injections of self-assembling type I collagen oligomers</a>	Journal of Controlled Release	<a href="http://dx.doi.org/10.1016/j.jconrel.2016.12.045">http://dx.doi.org/10.1016/j.jconrel.2016.12.045</a>	2017	Alexa A., Yrinea, Amelia R., Adelsperger, Abigail C., Durkes, Matthew R., Distasi, Sherry L., Voytik-Harbin, Michael P., Murphy, Craig J., Goergen	No
<a href="#">Single-Cell Analysis of SMN Reveals Its Broader Role in Neuromuscular Disease</a>	Cell Reports	<a href="http://linkinghub.elsevier.com/retrieve/pii/S2211124717300724">http://linkinghub.elsevier.com/retrieve/pii/S2211124717300724</a>	2017	Natalia, Rodriguez-Muela, Nadia K., Litterman, Erika M., Norabuena, Jesse L., Mull, Maria José, Galazo, Chicheng, Sun, Shi-Yan, Ng, Nina R., Makhortova, Andrew, White, Maureen M., Lynes, Wendy K., Chung, Lance S., Davidow, Jeffrey D., Macklis, Lee L., Rubin	No
<a href="#">Repeated doses of cardiac mesenchymal cells are therapeutically superior to a single dose in mice with old myocardial infarction</a>	Basic Research in Cardiology	<a href="http://link.springer.com/10.1007/s00395-017-0606-5">http://link.springer.com/10.1007/s00395-017-0606-5</a>	2017	Yiru, Guo, Marcin, Wysoczynski, Yibing, Nong, Alex, Tomlin, Xiaoping, Zhu, Anna M., Gumpert, Marjan, Nasr, Senthikumar, Muthusamy, Hong, Li, Michael, Book, Abdur, Khan, Kyung U., Hong, Qianhong, Li, Roberto, Bolli	No
<a href="#">Stellate cells drive maturation of the entorhinal-hippocampal circuit</a>	Science	<a href="http://www.sciencemag.org/lookup/doi/10.1126/science.aai8178">http://www.sciencemag.org/lookup/doi/10.1126/science.aai8178</a>	2017	Flavio, Donato, R. Irene, Jacobsen, May-Britt, Moser, Edvard I., Moser	No
<a href="#">Echocardiography-Guided Intramyocardial Injection Method in a Murine Model</a>		<a href="http://link.springer.com/10.1007/978-1-61779-002-7">http://link.springer.com/10.1007/978-1-61779-002-7</a>	2011	Kay, Maeda, Rick, Seymour, Marc, Ruel, Erik J, Suuronen	No
<a href="#">In vivo Ultrasound and Photoacoustic Monitoring of Mesenchymal Stem Cells Labeled with Gold Nanotracers</a>	PLoS ONE	<a href="http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=3353925&amp;tool=pmcentre...">http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=3353925&amp;tool=pmcentre...</a>	2012	Seung Yun, Nam, Laura M, Ricles, Laura J, Suggs, Stanislav Y, Emelianov	No
<a href="#">ROR Beta induces barrel-like neuronal clusters in the developing neocortex</a>	Cerebral Cortex		2012	Denis, Jabaudon, Sara, J. Shnider, David, J. Tischfield, Maria, J. Galazo, Jeffrey D., MacKlis	No
<a href="#">A mammaglobin-A targeting agent for noninvasive detection of breast cancer metastasis in lymph nodes.</a>	Cancer research	<a href="http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=4130564&amp;tool=pmcentre...">http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=4130564&amp;tool=pmcentre...</a>	2011	Narges K, Tafreshi, Steven a, Enkemann, Marilyn M, Bui, Mark C, Lloyd, Dominique, Abrahams, Amanda S, Huynh, Jongphil, Kim, Stephen R, Grobmyer, W Bradford, Carter, Josef, Vagner, Robert J, Gillies, David L, Morse	No
<a href="#">Development of an orthotopic human pancreatic cancer xenograft model using ultrasound guided injection of cells.</a>	PloS one	<a href="http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=3103544&amp;tool=pmcentre...">http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=3103544&amp;tool=pmcentre...</a>	2011	Amanda Shanks, Huynh, Dominique F, Abrahams, Monica S, Torres, Margaret K, Baldwin, Robert J, Gillies, David L, Morse	No
<a href="#">Selective Permeabilization of the Blood-Brain Barrier at Sites of Metastasis</a>	JNCI Journal of the National Cancer Institute	<a href="http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=3818170&amp;tool=pmcentre...">http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=3818170&amp;tool=pmcentre...</a>	2013	John J, Connell, Grégoire, Chatain, Bart, Cornelissen, Katherine a, Vallis, Alastair, Hamilton, Len, Seymour, Daniel C, Anthony, Nicola R, Sibson	No
<a href="#">Peripheral nervous system progenitors can be reprogrammed to produce myelinating oligodendrocytes and repair brain lesions.</a>	The Journal of neuroscience : the official journal of the Society for Neuroscience	<a href="http://www.ncbi.nlm.nih.gov/pubmed/21525278">http://www.ncbi.nlm.nih.gov/pubmed/21525278</a>	2011	Ellen, Binder, Marion, Rukavina, Hessameh, Hassani, Marlen, Weber, Hiroko, Nakatani, Tobias, Reiff, Carlos, Parras, Verdon, Taylor, Hermann, Rohrer	No