

Title	Journal	Link	Publication date	References	Top Paper
Standardisation and future of preclinical echocardiography	Mammalian Genome	https://doi.org/10.1007/s00335-023-09981-4	2023	Caroline E., O'Riordan, Philippe, Trochet, Magdalena, Steiner, Dieter, Fuchs	Yes
Photoacoustic properties of polypyrrole nanoparticles	Nanomaterials		2021	Peter, Keša, Monika, Paurová, Michal, Babič, Tomáš, Heizer, Petr, Matouš, Karolína, Turnovcová, Dana, Mareková, Luděk, Šefc, Vit, Herynek	Yes
Accuracy of Ultrasound-Guided versus Landmark-Guided Intra-articular Injection for Rat Knee Joints	Ultrasound in Medicine & Biology	https://linkinghub.elsevier.com/retrieve/pii/S0301562919306684	2019	Amparo, Ruiz, Dalibel, Bravo, Alejandra, Duarte, Ronald S., Adler, José G., Raya	Yes
High-Frequency Ultrasound-Guided Injection for the Generation of a Novel Orthotopic Mouse Model of Human Thyroid Carcinoma	Thyroid	http://online.liebertpub.com/doi/10.1089/thy.2015.0511	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
Evaluation of luciferase and prefusion-stabilized F protein from respiratory syncytial virus mRNA/LNPs in pre-clinical models using jet delivery compared to needle and syringe	Vaccine: X		2024	Brian K., Meyer, Debbie, Nahas, Myunggi, An, Andrew, Danziger, Jeffrey, Smith, Manish, Patel, Shu An, Lin, Alexa, Gleason, Kara, Cox, Robert, Capen, John, Howe, Andrew, Bett	No
Exosome-Related FTCD Facilitates M1 Macrophage Polarization and Impacts the Prognosis of Hepatocellular Carcinoma	Biomolecules		2024	Youyi, Liu, Yifei, Tang, Hongliang, Jiang, Xiading, Zhang, Xingyi, Chen, Jingrou, Guo, Cheng, Jin, Minchen, Wu	No
Corticospinal-specific Shh overexpression in combination with rehabilitation promotes CST axonal sprouting and skilled motor functional recovery after ischemic stroke	Molecular Neurobiology		2024	Biwu, Wu, Lei, Yang, Caihua, Xi, Haijun, Yao, Long, Chen, Fengqi, Fan, Gang, Wu, Zhouying, Du, Jin, Hu, Shukun, Hu	No
Ultrasound-guided periadventitial administration of rapamycin-fibrin glue attenuates neointimal hyperplasia in the rat carotid artery injury model	European Journal of Pharmaceutical Sciences		2024	Zhentao, Qiao, Fuhang, Wang, Dongjian, Han, Yuansong, Zhuang, Qingjiao, Jiang, Yi, Zhang, Miaomiao, Liu, Quanxu, An, Zhiwei, Wang, Deliang, Shen	No
Blockade of IL-6R prevents preterm birth and adverse neonatal outcomes		www.thelancet.com	2023	Marcelo, Farias-Jofre, Roberto, Romero, Jose, Galaz, Yi, Xu, Derek, Miller, Valeria, Garcia-Flores, Marcia, Arenas-Hernandez, Andrew D, Winters, Bruce A, Berkowitz, Robert H, Podolsky, Yimin, Shen, Tomi, Kanninen, Bogdan, Panaitecu, Catherine R, Glazier, Roger, Pique-Regi, Kevin R, Theis, Nardhy, Gomez-Lopez	No
Targeting the TCA cycle can ameliorate widespread axonal energy deficiency in neuroinflammatory lesions	Nature Metabolism		2023	Yi Heng, Tai, Daniel, Engels, Giuseppe, Locatelli, Ioanna, Emmanouilidis, Caroline, Fecher, Delphine, Theodorou, Stephan A., Müller, Simon, Licht-Mayer, Mario, Kreutzfeldt, Ingrid, Wagner, Natalia Prudente, de Mello, Sofia Natsouko, Gkotzamani, Laura, Trovò, Arek, Kendirli, Almir, Aljović, Michael O., Breckwoldt, Ronald, Naumann, Florence M., Bareyre, Fabiana, Perocchi, Don, Mahad, Doron, Merkler, Stefan F., Lichtenthaler, Martin, Kerschensteiner, Thomas, Misgeld	No

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Establishing a mouse model of lung metastases using ultrasound-guided right heart ventricle injection	STAR Protocols		2023	Amanda, Labora, Amanda, Creech, Hailey, Lee, Erin, Tabornal, Caius, Radu, Timothy, Donahue	No
Stimulating Antitumoral Immunity by Percutaneous Cryoablation and Combination Immunoadjuvant Therapy in a Murine Model of Hepatocellular Carcinoma.	Journal of vascular and interventional radiology : JVIR	http://www.ncbi.nlm.nih.gov/pubmed/37178816	2023	Tyler, Mandt, Amandip, Bangar, Consuelo, Saucedo, Manasi, Das, Carolyn, Moderbacher, Mansur, Ghani, Nicholas, Webster, Isabel, Newton	No
Metformin preconditioning protects against myocardial stunning and preserves protein translation in a mouse model of cardiac arrest	Journal of Molecular and Cellular Cardiology Plus	https://linkinghub.elsevier.com/retrieve/pii/S2772976123000041	2023	Cody A., Rutledge, Claudia, Lagranha, Takuto, Chiba, Kevin, Redding, Donna B., Stolz, Eric, Goetzman, Sunder, Sims-Lucas, Brett A., Kaufman	No
Role of Bacterial Surface Components in the Pathogenicity of Proteus mirabilis in a Murine Model of Catheter-Associated Urinary Tract Infection	Pathogens	https://doi.org/10.3390/pathogens	2023	Roman, Herout, Sara, Khoddami, Igor, Moskalev, Alina, Reicherz, Ben H, Chew, Chelsie E, Armbruster, Dirk, Lange	No
Generation of liver metastases in a mouse model using ultrasound-guided intravenous injection	STAR Protocols		2023	Amanda, Labora, Hailey, Lee, Charlotte, Chan, Erin, Tabornal, Thuc, Le, Khalid, Rashid, Evan, Abt, Takanobu, Yamao, Hanna, Mandl, Amanda, Creech, Alykhan, Premji, Luyi, Li, Jason, Link, Nanping, Wu, Caius, Radu, Timothy, Donahue	No
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	Bone	https://doi.org/10.1016/j.bone.2022.116432	2022	Sarah A.E., Young, Maximilian, Rummeler, Hubert M., Taieb, Daniela S., Garske, Agnes, Ellinghaus, Georg N., Duda, Bettina M., Willie, Amaia, Cipitria	No
Heterogeneous fates of simultaneously-born neurons in the cortical ventricular zone	Scientific Reports	https://doi.org/10.1038/s41598-022-09740-6	2022	Elia, Magrinelli, Natalia, Baumann, Robin Jan, Wagener, Christelle, Glangetas, Camilla, Bellone, Denis, Jabaudon, Esther, Klingler	No
Unchecked oxidative stress in skeletal muscle prevents outgrowth of disseminated tumour cells	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
Generation of liver metastases in a mouse model using ultrasound-guided intravenous injection	STAR Protocols	https://linkinghub.elsevier.com/retrieve/pii/S2666166723001211	2023	Amanda, Labora, Hailey, Lee, Charlotte, Chan, Erin, Tabornal, Thuc, Le, Khalid, Rashid, Evan, Abt, Takanobu, Yamao, Hanna, Mandl, Amanda, Creech, Alykhan, Premji, Luyi, Li, Jason, Link, Nanping, Wu, Caius, Radu, Timothy, Donahue	No
The Therapeutic Effect of iMSC-Derived Small Extracellular Vesicles on Tendinopathy Related Pain Through Alleviating Inflammation: An in vivo and in vitro Study	Journal of Inflammation Research		2022	Zhaochen, Zhu, Renzhi, Gao, Teng, Ye, Kai, Feng, Juntao, Zhang, Yu, Chen, Zongping, Xie, Yang, Wang	No
Inhibition of myeloid PD-L1 suppresses osteoclastogenesis and cancer bone metastasis	Cancer Gene Therapy		2022	Hao, Zuo, Yihong, Wan	No
Neural labeling and manipulation by neonatal intraventricular viral injection in mice	STAR Protocols	https://doi.org/10.1016/j.xpro.2021.101081	2022	Mengzhe, Wang, Thomas, Misgeld, Monika S., Brill	No

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High-frequency ultrasound-guided intrathecal injections in a young mouse model: Targeting the central nervous system in drug delivery	Journal of Neuroscience Methods	https://doi.org/10.1016/j.jneumeth.2022.109778	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
Intra-tumoral nerve-tracing in a novel syngeneic model of high-grade serous ovarian carcinoma	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
In vivo multimodal imaging of hyaluronan-mediated inflammatory response in articular cartilage	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 mechanistic basis for the malignant progression of salivary gland tumors	iScience	https://doi.org/10.1016/j.isci.2021.103508	2021	Sachiko, Taniguchi, Yuya, Tanaka, Ajit, Elhance, Naoki, Oshimori	No
Crim1 and Kelch-like 14 exert complementary dual-directional developmental control over segmentally specific corticospinal axon projection targeting	Cell Reports	https://doi.org/10.1016/j.celrep.2021.109842	2021	Vibhu, Sahni, Yasuhiro, Itoh, Sara J., Shnyder, Jeffrey D., Macklis	No
High-frequency ultrasound-guided intrathecal injections in a young mouse model: Targeting the central nervous system in drug delivery	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 mouse model of hypoplastic left heart syndrome demonstrating left heart hypoplasia and retrograde aortic arch flow	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
Magnetic microspheres can be used for magnetic particle imaging of cancer cells arrested in the mouse brain	Magnetic Resonance in Medicine		2022	Kierstin P., Melo, Ashley V., Makela, Natasha N., Knier, Amanda M., Hamilton, Paula J., Foster	No
The therapeutic effect of second near-infrared absorbing gold nanorods on metastatic lymph nodes via lymphatic delivery system	Pharmaceutics		2021	Adewale O., Oladipo, Thabang C., Lebepe, Vuyelwa, Ncapayi, Ncediwe, Tsotsekile, Sundararajan, Parani, Sandile P., Songca, Shiro, Mori, Tetsuya, Kodama, Oluwatobi S., Oluwafemi	No
Dual Ultrasound and Photoacoustic Tracking of Magnetically Driven Micromotors: From In Vitro to In Vivo	Advanced Healthcare Materials		2021	Azaam, Aziz, Joost, Holthof, Sandra, Meyer, Oliver G., Schmidt, Mariana, Medina-Sánchez	No
Photoacoustic image-guided corpus cavernosum intratunical injection of adipose stem cell-derived exosomes loaded polydopamine thermosensitive hydrogel for erectile dysfunction treatment	Bioactive Materials	https://doi.org/10.1016/j.bioactmat.2021.07.024	2021	Li, Liang, Yi, Shen, Zhifeng, Dong, Xin, Gu	No

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Selective blood-brain barrier permeabilization of brain metastases by a type 1 receptor-selective tumor necrosis factor mutein	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
Highly efficient manipulation of nervous system gene expression with NEPTUNE	Cell Reports Methods		2021	Katrin, Mangold, Jan, Mašek, Jingyan, He, Urban, Lendahl, Elaine, Fuchs, Emma R., Andersson	No
Ultrasound enhances the therapeutic potential of mesenchymal stem cells wrapped in greater omentum for aristolochic acid nephropathy	Stem Cell Research and Therapy		2021	Yuanjun, Yang, Xiaodong, Geng, Kun, Chi, Chao, Liu, Ran, Liu, Xiangmei, Chen, Quan, Hong, Guangyan, Cai	No
Repeated mutation of a developmental enhancer contributed to human thermoregulatory evolution	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., Kamberov	No
Optogenetic stimulation of cholinergic fibers for the modulation of insulin and glycemia	Scientific Reports	https://doi.org/10.1038/s41598-021-83361-3	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
Subcutaneous Injection Performance in Yucatan Miniature Pigs with and without Human Hyaluronidase and Auto-injector Tolerability in Humans	AAPS PharmSciTech		2021	Galen H., Shi, Robert J., Connor, David S., Collins, David W., Kang	No
Metabolomic differences in blastocoel and uterine fluids collected in vivo by ultrasound biomicroscopy on rabbit embryo	Biology of Reproduction		2021	Sophie, Calderari, Nathalie, Daniel, Eve, Mourier, Christophe, Richard, Michele, Dahirel, Franck, Lager, Carmen, Marchiol, Gilles, Renault, Julie, Gatien, Lydie, Nadal-Desbarats, Pascale, Chavatte-Palmer, Véronique, Duranthon	No
Generation of neighbor-labeling cells to study intercellular interactions in vivo	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
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	PLoS ONE	http://dx.doi.org/10.1371/journal.pone.0243156	2020	Valerie, de Meulenaere, Benedicte, Descamps, Olivier, de Wever, Christian, Vanhove, Karel, Deblaere	No
Klk4 induces anti-tumor effects in human xenograft mouse models of orthotopic and metastatic prostate cancer	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

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Maternal regulation of inflammatory cues is required for induction of preterm birth	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
Bruceantin targets HSP90 to overcome resistance to hormone therapy in castration-resistant prostate cancer	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
Modulation of SERCA2a expression and function by ultrasound-guided myocardial gene transfection	Experimental and Therapeutic Medicine	http://www.spandidos-publications.com/10.3892/etm.2020.9261	2020	Zhongshan, Gou, Xinxin, Yan, Hongjing, Jia, Kangyun, Sun, Ping, Li, Qian, Zhang, Xuedong, Deng	No
In vivo photoacoustic guidance of stem cell injection and delivery for regenerative spinal cord therapies	Neurophotonics		2020	Kelsey P., Kubelick, Stanislav Y., Emelianov	No
Therapy with Cardiomyocytes Derived from Pluripotent Cells in Chronic Chagasic Cardiomyopathy	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
The alarmin interleukin-1α causes preterm birth through the NLRP3 inflammasome	Molecular Human Reproduction		2020	K. Motomura, R, Romero, V, García-Flores, Y, Leng, Y, Xu, J, Galaz, R, Slutsky, D, Levenson, N, Gomez-Lopez	No
Cell Fate Potential of NG2 Progenitors	Scientific Reports		2020	Rebeca, Sánchez-González, Ana, Bribián, Laura, López-Mascaraque	No
Selective Translation of Cell Fate Regulators Mediates Tolerance to Broad Oncogenic Stress	Cell Stem Cell	https://doi.org/10.1016/j.stem.2020.05.007	2020	Elise Y, Cai, Megan N, Kufeld, Samantha, Schuster, Sonali, Arora, Madeline, Larkin, Alexandre A, Germanos, Andrew C, Hsieh, Slobodan, Beronja	No
Fluorescent Silica Nanoparticles to Label Metastatic Tumor Cells in Mineralized Bone Microenvironments	Small	https://onlinelibrary.wiley.com/doi/abs/10.1002/sml.202001432	2020	Aaron E., Chiou, Joshua A., Hinckley, 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
Heterogeneity and chimerism of endothelial cells revealed by single-cell transcriptome in orthotopic liver tumors	Angiogenesis	https://doi.org/10.1007/s10456-020-09727-9	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
Opposing Functions of BRD4 Isoforms in Breast Cancer	Molecular Cell	https://doi.org/10.1016/j.molcel.2020.04.034	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

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The role of a lncRNA (TCNS_00044595) in regulating pineal CLOCK expression after neonatal hypoxia-ischemia brain injury	Biochemical and Biophysical Research Communications	https://doi.org/10.1016/j.bbrc.2020.05.047	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
Humanized bone facilitates prostate cancer metastasis and recapitulates therapeutic effects of zoledronic acid in vivo	Bone Research	http://www.nature.com/articles/s41413-019-0072-9	2019	Marietta, Landgraf, Christoph A., Lahr, Alvaro, Sanchez-Herrero, Christoph, Meinert, Ali, Shokohmand, Pamela M., Pollock, Dietmar W., Huttmacher, Abbas, Shafiee, Jacqui A., McGovern	No
Transient callosal projections of L4 neurons are eliminated for the acquisition of local connectivity	Nature Communications	http://dx.doi.org/10.1038/s41467-019-12495-w	2019	N. S., De León Reyes, S., Mederos, I., Varela, L. A., Weiss, G., Perea, M. J., Galazo, M., Nieto	No
Interaction of tumor cells and astrocytes promotes breast cancer brain metastases through TGF-β2/ANGPTL4 axes	npj Precision Oncology	http://dx.doi.org/10.1038/s41698-019-0094-1	2019	Xianghui, Gong, Zhimin, Hou, Michael P. Endsley, Emily I. Gronseth, Kevin R. Rarick, Julie M. Jorns, Qiuhui, Yang, Zhenggui, Du, Ke, Yan, Michelle L, Bordas, Jill, Gershan, Parashar, Deepak, Anjali, Geethadevi, Pradeep, Chaluvaly-Raghavan, Yubo, Fan, David R, Harder, Ramani, Ramchandran, Ling, Wang	No
Identification of novel cerebellar developmental transcriptional regulators with motif activity analysis	BMC Genomics	https://bmcbgenomics.biomedcentral.com/articles/10.1186/s12864-019-6063-9	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
Fetal T Cell Activation in the Amniotic Cavity during Preterm Labor: A Potential Mechanism for a Subset of Idiopathic Preterm Birth	The Journal of Immunology	http://www.jimmunol.org/lookup/doi/10.4049/jimmunol.1900621	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
Small-Molecule and CRISPR Screening Converge to Reveal Receptor Tyrosine Kinase Dependencies in Pediatric Rhabdoid Tumors	Cell Reports	https://doi.org/10.1016/j.celrep.2019.07.021	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

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Inflammatory Activation of Astrocytes Facilitates Melanoma Brain Tropism via the CXCL10-CXCR3 Signaling Axis	Cell Reports	https://doi.org/10.1016/j.celrep.2019.07.033	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, Tsarfay, Chen, Luxemburg, Ronit, Satchi-Fainaro, Tobias, Pukrop, Neta, Erez	No
Development of orthotopic tumour models using ultrasound-guided intrahepatic injection	Scientific Reports	http://www.nature.com/articles/s41598-019-46410-6	2019	L. E., McVeigh, I., Wijetunga, N., Ingram, G., Marston, R., Prasad, A. F., Markham, P. L., Coletta	No
Assessing therapeutic response non-invasively in a neonatal rat model of acute inflammatory white matter injury using high-field MRI	Brain, Behavior, and Immunity	https://doi.org/10.1016/j.bbi.2019.06.032	2019	Wyston C., Pierre, Luis, Akakpo, Irène, Londono, Philippe, Pouliot, Sylvain, Chemtob, Frédéric, Lesage, Gregory A., Lodygensky	No
Imaging of X-Ray-Excited Emissions from Quantum Dots and Biological Tissue in Whole Mouse	Scientific Reports	http://www.nature.com/articles/s41598-019-55769-5	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
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	Journal of Cranio-Maxillofacial Surgery	https://doi.org/10.1016/j.jcms.2019.12.007	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 polymeric paste-drug formulation for intratumoral treatment of prostate cancer	Prostate Cancer and Prostatic Diseases	http://dx.doi.org/10.1038/s41391-019-0190-x	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
Alteration of the brain methylation landscape following postnatal inflammatory injury in rat pups	The FASEB Journal	https://onlinelibrary.wiley.com/doi/abs/10.1096/fj.201901461R	2020	Wyston C., Pierre, Lisa-Marie, Legault, Irene, Londono, Serge, McGraw, Gregory A., Lodygensky	No
Physiologic expansion of human heart-derived cells enhances therapeutic repair of injured myocardium	Stem Cell Research & Therapy	https://stemcellres.biomedcentral.com/articles/10.1186/s13287-019-1418-3	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
Stem cell delivery to kidney via minimally invasive ultrasound-guided renal artery injection in mice	Scientific Reports	http://www.nature.com/articles/s41598-020-64417-2	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
Differential regulation of breast cancer bone metastasis by PARP1 and PARP2	Nature Communications	http://dx.doi.org/10.1038/s41467-020-15429-z	2020	Hao, Zuo, Dengbao, Yang, Qiwen, Yang, Haidong, Tang, Yang-Xin, Fu, Yihong, Wan	No
Deterministic paracrine repair of injured myocardium using microfluidic-based cocooning of heart explant-derived cells	Biomaterials	https://doi.org/10.1016/j.biomaterials.2020.120010	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

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Multipotency of mouse trophoblast stem cells	Stem Cell Research & Therapy	https://stemcellres.biomedcentral.com/articles/10.1186/s13287-020-1567-4	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
Embryonic Barcoding of Equipotent Mammary Progenitors Functionally Identifies Breast Cancer Drivers	Cell Stem Cell	https://doi.org/10.1016/j.stem.2020.01.009	2020	Zhe, Ying, Slobodan, Beronja	No
Radio-metal cross-linking of alginate hydrogels for non-invasive in vivo imaging	Biomaterials	https://doi.org/10.1016/j.biomaterials.2020.119930	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
Proteomic Profiling of the ECM of Xenograft Breast Cancer Metastases in Different Organs Reveals Distinct Metastatic Niches	Cancer Research	http://cancerres.aacrjournals.org/lookup/doi/10.1158/0008-5472.CAN-19-2961	2020	Jess D., Hebert, Samuel A., Myers, Alexandra, Naba, Genevieve, Abbruzzese, John M., Lamar, Steven A., Carr, Richard O., Hynes	No
Radioembolization of Hepatocellular Carcinoma with Built-In Dosimetry: First in vivo Results with Uniformly-Sized, Biodegradable Microspheres Labeled with 188 Re	Theranostics	http://www.thno.org/v09p0868.htm	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 near-infrared turn-on probe for in vivo chemoselective photoacoustic detection of fluoride ion	Dyes and Pigments	https://doi.org/10.1016/j.dyepig.2019.02.049	2019	Leli, Zeng, Yanyan, Yuan, Chao, Jiang, Jing, Mu, Fan, Li, Yilin, Wan, Han, Xu, Junle, Qu, Peng, Huang, Jing, Lin	No
Targeting the perivascular niche sensitizes disseminated tumour cells to chemotherapy	Nature Cell Biology	http://www.nature.com/articles/s41556-018-0267-0	2019	Patrick, Carlson, Arko, Dasgupta, Candice A., Grzelak, Jeanna, Kim, Alexander, Barrett, Ilisa M., Coleman, Ryann E., Shor, Erica T., Goddard, Jinxiang, Dai, Emma M., Schweitzer, Andrea R., Lim, Sarah B., Crist, David A., Cheresh, Peter S., Nelson, Kirk C., Hansen, Cyrus M., Ghajar	No
Imaging of the Mouse Lymphatic Sinus during Early Stage Lymph Node Metastasis Using Intranodal Lymphangiography with X-ray Micro-computed Tomography	Molecular Imaging and Biology	http://link.springer.com/10.1007/s11307-018-01303-4	2019	Ryo, Iwamura, Maya, Sakamoto, Shiro, Mori, Tetsuya, Kodama	No
Species-dependent extracranial manifestations of a brain seeking breast cancer cell line	PLOS ONE	http://dx.plos.org/10.1371/journal.pone.0208340	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
Inflammation-Induced Intra-Amniotic Inflammation Induces preterm birth by Activating the NLRP3 inflammasome	Biology of Reproduction	https://academic.oup.com/biolreprod/advance-article/doi/10.1093/biolre/boy261/5...	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
Caspase Cleavage of Gelsolin Is an Inductive Cue for Pathologic Cardiac Hypertrophy	Journal of the American Heart Association	https://www.ahajournals.org/doi/10.1161/JAHA.118.010404	2018	Charis, Putinski, Mohammad, Abdul-Ghani, Steve, Brunette, Patrick G., Burgon, Lynn A., Megeney	No

Title	Journal	Link	Publication date	References	Top Paper
Noninvasive quantification of oxygen saturation in the portal and hepatic veins in healthy mice and those with colorectal liver metastases using QSM MRI	Magnetic Resonance in Medicine	http://doi.wiley.com/10.1002/mrm.27571	2018	Eoin, Finnerty, Rajiv, Ramasawmy, James, O'Callaghan, John J., Connell, Mark, Lythgoe, Karin, Shmueli, David L., Thomas, Simon, Walker-Samuel	No
Persistent reduction in sialylation of cerebral glycoproteins following postnatal inflammatory exposure	Journal of Neuroinflammation	https://jneuroinflammation.biomedcentral.com/articles/10.1186/s12974-018-1367-2	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
Repurposing simvastatin as a therapy for preterm labor: evidence from preclinical models	The FASEB Journal	https://www.fasebj.org/doi/10.1096/fj.201801104R	2018	Ashley K, Boyle, Sara F, Rinaldi, Adriano G, Rossi, Philippa T K, Saunders, Jane E, Norman	No
Modulation of neuroinflammation and memory dysfunction using percutaneous vagus nerve stimulation in mice	Brain Stimulation		2018	William J., Huffman, Saraswathi, Subramaniam, Ramona M., Rodriguez, William C., Wetsel, Warren M., Grill, Niccolò, Terrando	No
Mesopore-Induced Aggregation of Cobalt Protoporphyrin for Photoacoustic Imaging and Antioxidant Protection of Stem Cells	Advanced Functional Materials		2018	Minghua, Yao, Ming, Ma, Hongbo, Zhang, Yuezhou, Zhang, Gang, Wan, Jie, Shen, Hangrong, Chen, Rong, Wu	No
Free-hand ultrasound guidance permits safe and efficient minimally invasive intrathymic injections in both young and aged mice	Ultrasound in Medicine and Biology		2015	Andrea Z., Tuckett, Johannes L., Zakrzewski, Duan, Li, Marcel R.M., van den Brink, Raymond H., Thornton	No
An alternative method for intrathymic injections in mice	Lab Animal	http://dx.doi.org/10.1038/aban0810-248	2010	Robin, Blair-Handon, Kristen, Mueller, Shelley, Hoogstraten-Miller	No
Selective inhibition of the lactate transporter MCT4 reduces growth of invasive bladder cancer	Molecular Cancer Therapeutics	http://mct.aacrjournals.org/lookup/doi/10.1158/1535-7163.MCT-18-0107	2018	Tilman, Todenhöfer, Roland, Seiler, Craig, Stewart, Igor, Moskalev, Jian, Gao, Simroop, Ladhar, Alireza, Kamyabi, Nader, Al Nakouzi, Tetsutaro, Hayashi, Stephen, Choi, Yuzhuo, Wang, Sebastian, Frees, Mads, Daugaard, 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
Touch and tactile neuropathic pain sensitivity are set by corticospinal projections	Nature	http://www.nature.com/articles/s41586-018-0515-2	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
Local checkpoint inhibition of CTLA-4 as a monotherapy or in combination with anti-PD1 prevents the growth of murine bladder cancer	European Journal of Immunology		2017	Luuk, van Hooren, Linda C., Sandin, Igor, Moskalev, Peter, Ellmark, Anna, Dimberg, Peter, Black, Thomas H., Tetterman, Sara M., Mangsbo	No
Multimodality cellular and molecular imaging of concomitant tumour enhancement in a syngeneic mouse model of breast cancer metastasis	Scientific Reports	http://www.nature.com/articles/s41598-018-27208-4	2018	Katie M, Parkins, Veronica P, Dubois, Amanda M, Hamilton, Ashley V, Makela, John A, Ronald, Paula J, Foster	No

Title	Journal	Link	Publication date	References	Top Paper
The oncolytic Adenovirus XVir-N-31 as a novel therapy in muscle-invasive bladder cancer	Human Gene Therapy	http://www.liebertpub.com/doi/10.1089/hum.2018.026	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
Cranial irradiation increases tumor growth in experimental breast cancer brain metastasis	NMR in Biomedicine		2018	A.M., Hamilton, S.M., Wong, E., Wong, P.J., Foster	No
Repeated administrations of cardiac progenitor cells are superior to a single administration of an equivalent cumulative dose	Journal of the American Heart Association		2018	Xian Liang, Tang, Shunichi, Nakamura, Qianhong, Li, Marcin, Wysocki, Anna M., Gumpert, Wen Jian, Wu, Greg, Hunt, Heather, Stowers, Qinghui, Ou, Roberto, Bolli	No
Abstract 3109: Ultrasound-mediated delivery and distribution of polymeric nanoparticles in the normal brain parenchyma and melanoma metastases	Cancer Chemistry	http://cancerres.aacrjournals.org/content/77/13_Supplement/3109%0Ahttp://ovidsp...	2017	Habib, Baghirov, Sofie, Snipstad, Einar, Sulheim, Sigrid, Berg, Rune, Hansen, Frits, Thorsen, Yrr, Mørch, Catharina de Lange, Davies, Andreas, Åslund	No
Caveolin1 Identifies a Specific Subpopulation of Cerebral Cortex Callosal Projection Neurons (CPN) Including Dual Projecting Cortical Callosal/Frontal Projection Neurons (CPN/FPN)	Eneuro	http://eneuro.sfn.org/lookup/doi/10.1523/ENEURO.0234-17.2017	2018	Jessica L., MacDonald, Ryann M., Fame, Eva M., Gillis-Buck, Jeffrey D., Macklis	No
Acquisition of Cholangiocarcinoma Traits during Advanced Hepatocellular Carcinoma Development in Mice	The American Journal of Pathology	http://linkinghub.elsevier.com/retrieve/pii/S0002944017308659	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
Mechanical behavior and matrix gene expression in the aneurysm-prone thoracic aorta of newborn lysyl oxidase knockout mice.	American journal of physiology. Heart and circulatory physiology	http://www.ncbi.nlm.nih.gov/pubmed/28550176%0Ahttp://www.pubmedcentral.nih.gov/...	2017	Marius Catalin, Staiculescu, Jungsil, Kim, Robert P, Mecham, Jessica E, Wagenseil	No
Intrathymic injection of hematopoietic progenitor cells establishes functional T cell development in a mouse model of severe combined immunodeficiency	Journal of Hematology & Oncology	http://jhoonline.biomedcentral.com/articles/10.1186/s13045-017-0478-z	2017	Andrea Z, Tuckett, Raymond H, Thornton, Richard J., O'Reilly, Marcel R. M., van den Brink, Johannes L, Zakrzewski	No
Dynamic weight bearing analysis is effective for evaluation of tendinopathy using a customized corridor with multi-directional force sensors in a rat model	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
Tissue-directed Implantation Using Ultrasound Visualization for Development of Biologically Relevant Metastatic Tumor Xenografts	In vivo		2017	Raelene A V A N, Noord, Tina, Thomas, Melanie, Krook, Sahiti, Chukkappalli, Mark J, Hoernerhoff, Jonathan R, Dillman, Elizabeth R, Lawlor, Valerie P, Opiari, Erika A, Newman	No
CD8α intraepithelial lymphocytes arise from two main thymic precursors	Nature Immunology		2017	Roland, Ruscher, Rebecca L, Kummer, You Jeong, Lee, Stephen C, Jameson, Kristin A, Hogquist	No

Title	Journal	Link	Publication date	References	Top Paper
Establishment of highly metastatic KRAS mutant lung cancer cell sublines in long-term three-dimensional low attachment cultures	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
User-independent diffusion tensor imaging analysis pipelines in a rat model presenting ventriculomegalia: A comparison study	NMR in Biomedicine		2017	Luis, Akakpo, Wyston C, Pierre, Chen, Jin, Irène, Londono, Philippe, Pouliot, Gregory A, Lodygensky	No
Photoacoustic Imaging of Embryonic Stem Cell-Derived Cardiomyocytes in Living Hearts with Ultrasensitive Semiconducting Polymer Nanoparticles	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
Phosphatidylserine targeted single-walled carbon nanotubes for photothermal ablation of bladder cancer	Nanotechnology	http://dx.doi.org/10.1088/1361-6528/aa9c0c	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
Metabotropic glutamate receptor 5 mediates the suppressive effect of 6-OHDA-induced model of Parkinson's disease on liver cancer	Pharmacological Research	http://linkinghub.elsevier.com/retrieve/pii/S1043661816312907	2017	Shao-Song, Xi, Xiao-Xu, Bai, Li, Gu, Li-Hui, Bao, Hui-Min, Yang, Wei, An, Xiao-Min, Wang, Hong, Zhang	No
A novel treatment for metastatic lymph nodes using lymphatic delivery and photothermal therapy	Scientific Reports	http://dx.doi.org/10.1038/srep45459	2017	Adewale O., Oladipo, Oluwatobi S., Oluwafemi, Sandile P., Songca, Ariunbuyan, Sukhbaatar, Shiro, Mori, Junnosuke, Okajima, Atsuki, Komiya, Shigenao, Maruyama, Tetsuya, Kodama	No
Activation of EphA1-Epha receptor axis attenuates diabetic nephropathy in mice	Biochemical and Biophysical Research Communications	http://dx.doi.org/10.1016/j.bbrc.2017.03.100	2017	Yihui, Li, Hongdan, Yan, Feng, Wang, Shanying, Huang, Yun, Zhang, Zhihao, Wang, Ming, Zhong, Wei, Zhang	No
High-Resolution Ultrasound in Research of Mouse Orthotopic Glioma and Ultrasound-Guided Cell Implant	Advances in Molecular Imaging	http://www.scirp.org/journal/doi.aspx?DOI=10.4236/ami.2011.12004	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
Monitoring of Blood Vessel Density Using Contrast-Enhanced High Frequency Ultrasound May Facilitate Early Diagnosis of Lymph Node Metastasis	Journal of Cancer	http://www.jcancer.org/v08p0704.htm	2017	Takuma, Sato, Tomoaki, Takemura, Tomoki, Ouchi, Shiro, Mori, Maya, Sakamoto, Yoichi, Arai, Tetsuya, Kodama	No
Murine ultrasound-guided transabdominal para-aortic injections of self-assembling type I collagen oligomers	Journal of Controlled Release	http://dx.doi.org/10.1016/j.jconrel.2016.12.045	2017	Alexa A., Yrineo, Amelia R., Adelsperger, Abigail C., Durkes, Matthew R., Distasi, Sherry L., Voytik-Harbin, Michael P., Murphy, Craig J., Goergen	No

Title	Journal	Link	Publication date	References	Top Paper
Single-Cell Analysis of SMN Reveals Its Broader Role in Neuromuscular Disease	Cell Reports	http://linkinghub.elsevier.com/retrieve/pii/S2211124717300724	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
Repeated doses of cardiac mesenchymal cells are therapeutically superior to a single dose in mice with old myocardial infarction	Basic Research in Cardiology	http://link.springer.com/10.1007/s00395-017-0606-5	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
Stellate cells drive maturation of the entorhinal-hippocampal circuit	Science	http://www.sciencemag.org/lookup/doi/10.1126/science.aai8178	2017	Flavio, Donato, R. Irene, Jacobsen, May-Britt, Moser, Edvard I., Moser	No
Echocardiography-Guided Intramyocardial Injection Method in a Murine Model		http://link.springer.com/10.1007/978-1-61779-002-7	2011	Kay, Maeda, Rick, Seymour, Marc, Ruel, Erik J, Suuronen	No
In vivo Ultrasound and Photoacoustic Monitoring of Mesenchymal Stem Cells Labeled with Gold Nanotracers	PLoS ONE	http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=3353925&tool=pmcentr...	2012	Seung Yun, Nam, Laura M, Ricles, Laura J, Suggs, Stanislav Y, Emelianov	No
ROR Beta induces barrel-like neuronal clusters in the developing neocortex	Cerebral Cortex		2012	Denis, Jabaoudon, Sara, J. Shnider, David, J. Tischfield, Maria, J. Galazo, Jeffrey D., MacKlis	No
A mammaglobin-A targeting agent for noninvasive detection of breast cancer metastasis in lymph nodes.	Cancer research	http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=4130564&tool=pmcentr...	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
Development of an orthotopic human pancreatic cancer xenograft model using ultrasound guided injection of cells.	PloS one	http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=3103544&tool=pmcentr...	2011	Amanda Shanks, Huynh, Dominique F, Abrahams, Monica S, Torres, Margaret K, Baldwin, Robert J, Gillies, David L, Morse	No
Selective Permeabilization of the Blood-Brain Barrier at Sites of Metastasis	JNCI Journal of the National Cancer Institute	http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=3818170&tool=pmcentr...	2013	John J, Connell, Grégoire, Chatain, Bart, Cornelissen, Katherine a, Vallis, Alastair, Hamilton, Len, Seymour, Daniel C, Anthony, Nicola R, Sibson	No
Peripheral nervous system progenitors can be reprogrammed to produce myelinating oligodendrocytes and repair brain lesions.	The Journal of neuroscience : the official journal of the Society for Neuroscience	http://www.ncbi.nlm.nih.gov/pubmed/21525278	2011	Ellen, Binder, Marion, Rukavina, Hessameh, Hassani, Marlen, Weber, Hiroko, Nakatani, Tobias, Reiff, Carlos, Parras, Verdon, Taylor, Hermann, Rohrer	No