

Title	Journal	Link	Publication date	References	Top Paper
Early diagnosis of bladder cancer by photoacoustic imaging of tumor-targeted gold nanorods	Photoacoustics	https://www.sciencedirect.com/science/article/pii/S2213597922000659?via%3Dihub	2022	Elisa, Alchera, Matteo, Monieri, Mirko, Maturi, Irene, Locatelli, Erica, Locatelli, Silvia, Tortorella, Angelina, Sacci, Angelo, Corti, Manuela, Nebuloni, Roberta, Luciano, Filippo, Pederzoli, Francesco, Montorsi, Andrea, Salonia, Sandra, Meyer, Jithin, Jose, Pierangela, Giustetto, Mauro Comes, Franchina, Flavio, Curnis, Massimo, Alfano	Yes
Evaluation of ductal carcinoma in situ grade via triple-modal molecular imaging of B7-H3 expression	npj Breast Cancer	http://dx.doi.org/10.1038/s41523-020-0158-y	2020	Sunitha, Bachawal, Gregory R., Bean, Gregor, Krings, Katheryne E., Wilson	Yes
A simple and robust nanosystem for photoacoustic imaging of bladder cancer based on α5β1-targeted gold nanorods	Journal of Nanobiotechnology		2023	Massimo, Alfano, Elisa, Alchera, Angelina, Sacchi, Alessandro, Gori, Giacomo, Quilici, Irene, Locatelli, Chiara, Venegoni, Roberta, Lucianò, Anna Maria, Gasparri, Barbara, Colombo, Giulia, Taiè, Jithin, Jose, Paolo, Armanetti, Luca, Menichetti, Giovanna, Musco, Andrea, Salonia, Angelo, Corti, Flavio, Curnis	No
Ultrasound-targeted microbubble destruction mediates PDE5i / NO integration for cavernosum remodeling and penile rehabilitation	Bioengineering & Translational Medicine		2023	Wende, Yang, Chen, Qiu, Jiancheng, Zhai, Wei, Zhang, Chengwu, Huang, Jun, Shao, Jingke, Zhang, Shigao, Chen, Xiaoyan, Miao, Peng, Chen, Bo, Wei, Jie, Ren, Hongbo, Wei	No
Visualizing the early-stage testicular torsion by dual-modal photoacoustic and ultrasound imaging	Photoacoustics	https://linkinghub.elsevier.com/retrieve/pii/S2213597923000769	2023	Mengyu, Zhou, Luting, Zhang, Jianwen, Zeng, Yintao, Lan, Fengbing, He, Weijian, Gao, Jinghang, Li, Qian, Wang, Weisheng, Guo, Zhen, Yuan, Jian, Zhang	No
Tissue factor as a novel diagnostic target for early detection of ovarian cancer using ultrasound microbubbles	Gynecologic Oncology	https://doi.org/10.1016/j.ygyno.2023.04.008	2023	Meghan M., Newcomer, Kalpana Deepa Priya, Dorayappan, Vincent, Wagner, Adrian A., Suarez, Corinne A., Calo, Eileen L., Kalmr, G. Larry, Maxwell, David, O'Malley, David E., Cohn, Michael F., Tweedle, Karuppayiah, Selvendiran	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
The Mating Pattern of Captive Naked Mole-Rats Is Best Described by a Monogamy Model	Frontiers in Ecology and Evolution		2022	Karol, Szafranski, Michaela, Wetzel, Susanne, Holtze, Ina, Buntjen, Dietmar, Lieckfeldt, Arne, Ludwig, Klaus, Huse, Matthias, Platzer, Thomas, Hildebrandt	No
Surfactant-Free Green Synthesis of Au@Chlorophyll Nanorods for NIR PDT-Elicited CDT in Bladder Cancer Therapy	ACS Applied Bio Materials		2022	Mei Yi, Liao, Tzu Chi, Huang, Yu Cheng, Chin, Ting Yu, Cheng, Geng Min, Lin	No
Growth factor dependency in mammary organoids regulates ductal morphogenesis during organ regeneration	Scientific Reports	https://doi.org/10.1038/s41598-022-11224-6	2022	Sounak, Sahu, Mary E., Albaugh, Betty K., Martin, Nimit L., Patel, Lisa, Riffle, Susan, Mackem, Joseph D., Kalen, Shyam K., Sharan	No
TNF is a potential therapeutic target to suppress prostatic inflammation and hyperplasia in autoimmune disease	Nature Communications		2022	Renee E., Vickman, La Tayia, Aaron-Brooks, Renyuan, Zhang, Nadia A., Lanman, Brittany, Lapin, Victoria, Gil, Max, Greenberg, Takeshi, Sasaki, Gregory M., Cresswell, Meaghan M., Broman, J. Sebastian, Paez, Jacqueline, Petkewicz, Pooja, Talaty, Brian T., Helfand, Alexander P., Glaser, Chi Hsiung, Wang, Omar E., Franco, Timothy L., Ratliff, Kent L., Nastiuk, Susan E., Crawford, Simon W., Hayward	No
Biaxial Murine Vaginal Remodeling With Reproductive Aging	Journal of biomechanical engineering		2022	Shelby E., White, Jasmine X., Kiley, Bruna, Visniauskas, Sarah H., Lindsey, Kristin S., Miller	No

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Antibiotic Therapy and Vaginal Microbiota Transplantation Reduce Endometriosis Disease Progression in Female Mice via NF-κB Signaling Pathway	Frontiers in Medicine		2022	Feilei, Lu, Jing, Wei, Yanying, Zhong, Ying, Feng, Bo, Ma, Yifei, Xiong, Kehong, Wei, Buzhen, Tan, Tingtao, Chen	No
Bioactive NIR-II Light-Responsive Shape Memory Composite Based on Cuprorivaite Nanosheets for Endometrial Regeneration	Advanced Science		2022	Chenle, Dong, Chen, Yang, Muhammad Rizwan, Younis, Jing, Zhang, Gang, He, Xingdi, Qiu, Lian Hua, Fu, Dong Yang, Zhang, Hao, Wang, Wenli, Hong, Jing, Lin, Xueqing, Wu, Peng, Huang	No
Effect of uncultured adipose-derived stromal vascular fraction on preventing urethral stricture formation in rats	Scientific Reports	https://doi.org/10.1038/s41598-022-07472-1	2022	Lihua, Zhou, Tianli, Yang, Feng, Zhao, Kaiwei, Song, Luwei, Xu, Zhongle, Xu, Changcheng, Zhou, Zhiqiang, Qin, Zheng, Xu, Ran, Wu, Hua, Xu, Ruipeng, Jia	No
In vivo assessment of prostate cancer response using quantitative ultrasound characterization of ultrasonic scattering properties	BMC Cancer		2021	Deepa, Sharma, Laurentius Oscar, Osapoetra, Mateusz, Faltyn, Anoja, Giles, Martin, Stanis, Gregory J., Czarnota	No
EGFR-Targeted ImmunoPET of UMUC3 Orthotopic Bladder Tumors	Molecular Imaging and Biology	https://doi.org/10.1007/s11307-022-01708-2	2022	Tran T., Hoang, Komal, Mandleywala, Tara, Viray, Kel Vin, Tan, Jason S., Lewis, Patricia M.R., Pereira	No
Investigation of Murine Vaginal Creep Response to Altered Mechanical Loads	Journal of biomechanical engineering		2021	Gabrielle L., Clark-Patterson, Jeffrey A., McGuire, Laurephile, Desrosiers, Leise R., Knoepp, Raffaella, De Vita, Kristin S., Miller	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
A 10% Tomato Diet Selectively Reduces Radiation-Induced Damage in TRAMP Mice	The Journal of Nutrition	https://academic.oup.com/jn/article/151/11/3421/6350124	2021	Joe L, Rowles, Matthew A, Wallig, Kimberly A, Selting, Timothy M, Fan, Rita J, Miller, William D, O'Brien, John W, Erdman	No
Differences in growth and vascularization of ectopic menstrual and non-menstrual endometrial tissue in mouse models of endometriosis	Human Reproduction	https://academic.oup.com/humrep/article/36/8/2202/6295715	2021	A, Nenicu, K, Yordanova, Y, Gu, M D, Menger, M W, Laschke	No
Development of a bispecific immune engager using a recombinant malaria protein	Cell Death and Disease		2021	Mie A., Nordmaj, Morgan E., Roberts, Emilie S., Sachse, Robert, Dagil, Anne Poder, Andersen, Nanna, Skeltved, Kaare V., Grunddal, Sayit Mahmut, Erdoğan, Swati, Choudhary, Tobias, Gustavsson, Maj Sofie, Ørum-Madsen, Igor, Moskalev, Weihua, Tian, Zhang, Yang, Thomas M., Clausen, Thor G., Theander, Mads, Daugaard, Morten A., Nielsen, Ali, Salanti	No
Transmucosal Delivery of Self-Assembling Photosensitizer-Nitazoxanide Nanocomplexes with Fluorinated Chitosan for Instillation-Based Photodynamic Therapy of Orthotopic Bladder Tumors	ACS Biomaterials Science and Engineering		2021	Shupeng, Wang, Shaohua, Jin, Guangzhi, Li, Ming, Xu, Dashi, Deng, Zhisheng, Xiao, Haiyan, Sun, Shaohua, Zhang, Enpu, Zhang, Lejing, Xie, Guo, Li, Yizhi, Dai, Zhuang, Liu, Qinghai, Shu, Song, Wu	No
Sequential Release of Pooled siRNAs and Paclitaxel by Aptamer-Functionalized Shell-Core Nanoparticles to Overcome Paclitaxel Resistance of Prostate Cancer	ACS Applied Materials and Interfaces		2021	Qianqian, Guo, Yang, Dong, Yanhua, Zhang, Hao, Fu, Chuanrong, Chen, Liting, Wang, Xupeng, Yang, Ming, Shen, Jian, Yu, Meiwang, Chen, Jiali, Zhang, Yourong, Duan	No
Hollow Mesoporous Silica Nanoparticles Gated by Chitosan-Copper Sulfide Composites as Theranostic Agents for the Treatment of Breast Cancer	Acta Biomaterialia		2021	Shiwei, Niu, Xuejing, Zhang, Gareth R., Williams, Jianrong, Wu, Feng, Gao, Zi, Fu, Xia, Chen, Sheng, Lu, Li Min, Zhu	No

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A multimodal molecular imaging approach targeting urokinase plasminogen activator receptor for the diagnosis, resection and surveillance of urothelial cell carcinoma	European Journal of Cancer	https://doi.org/10.1016/j.ejca.2021.01.001	2021	Victor M., Baart, Geertje, van der Horst, Marion M., Deken, Shadhvi S., Bhairosingh, Timo, Schomann, Vincent Q., Sier, Maaike H., van der Mark, Luisa, Iamele, Hugo, de Jonge, Massimo, Resnati, Andrew P., Mazar, Rob C.M., Pelger, Gabriel, van der Pluijm, Peter J.K., Kuppen, Alexander L., Vahrmeijer, Cornelis F.M., Sier	No
Bladder urothelium converts bacterial lipopolysaccharide information into neural signaling via an ATP-mediated pathway to enhance the micturition reflex for rapid defense	Scientific Reports	https://doi.org/10.1038/s41598-020-78398-9	2020	Norichika, Ueda, Makoto, Kondo, Kentaro, Takezawa, Hiroshi, Kiuchi, Yosuke, Sekii, Yusuke, Inagaki, Tetsuji, Soda, Shinichiro, Fukuhara, Kazutoshi, Fujita, Motohide, Uemura, Ryoichi, Imamura, Yasushi, Miyagawa, Norio, Nonomura, Shoichi, Shimada	No
Testicular quantitative ultrasound: A noninvasive monitoring method for evaluating spermatogenic function in busulfan-induced testicular injury mouse models	Andrologia		2020	Wan Ling, Huang, Li, Ding, Jia Hui, Yao, Hang Tong, Hu, Yong, Gao, Xiao Yan, Xie, Ming De, Lu, Chun Hua, Deng, Yun, Xie, Zhu, Wang	No
Systemic and intravesical adoptive cell therapy of tumor-reactive T cells can decrease bladder tumor growth in vivo	Journal for immunotherapy of cancer		2020	Brittany L., Bunch, Jennifer, Morse, Sarah, Asby, Jamie, Blauvelt, Ahmet M., Aydin, Patrick, Innamarato, Ali, Hajiran, Matthew, Beatty, Michael, Poch, Shari, Pilon-Thomas	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
Testicular blood supply is altered in the 41.XXY* Klinefelter syndrome mouse model	Scientific Reports	https://doi.org/10.1038/s41598-020-71377-0	2020	Joachim, Wistuba, Cristin, Beumer, Ann Sophie, Warmeling, Reinhold, Sandhowe-Klaverkamp, Jörg, Stypmann, Michael, Kuhlmann, Richard, Holtmeier, Oliver S., Damm, Frank, Tüttelmann, Jörg, Gromoll	No
Long-Term Monitoring of Donor Xenogeneic Testis Tissue Grafts and Cell Implants in Recipient Mice Using Ultrasound Biomicroscopy	Ultrasound in Medicine and Biology		2020	Mohammad Amin, Fayaz, Awang Hazmi, Awang-Junaidi, Jaswant, Singh, Ali, Honaramooz	No
Ultrasound-Mediated Delivery of Chemotherapy into the Transgenic Adenocarcinoma of the Mouse Prostate Model	Ultrasound in Medicine and Biology		2020	Stein Martin T., Fagerland, Sigrid, Berg, Deborah K., Hill, Sofie, Snipstad, Einar, Sulheim, Astrid, Hyldbakk, Jana, Kim, Catharina de Lange, Davies	No
Construction of Nucleolin-Targeted Lipid Nanobubbles and Contrast-Enhanced Ultrasound Molecular Imaging in Triple-Negative Breast Cancer	Pharmaceutical Research		2020	Kejing, Fang, Luofu, Wang, Hailun, Huang, Minmin, Lan, Daijia, Shen, Shiwu, Dong, Yanli, Guo	No
SUSD2 expression correlates with decreased metastasis and increased survival in a high-grade serous ovarian cancer xenograft murine model	Oncotarget		2020	Jordan N., Sheets, Mitch E., Patrick, Kristi A., Eglund	No
Targeted nanobubbles carrying indocyanine green for ultrasound, photoacoustic and fluorescence imaging of prostate cancer	International Journal of Nanomedicine		2020	Yixuan, Wang, Minmin, Lan, Daljia, Shen, Kejing, Fang, Lianhua, Zhu, Yu, Liu, Lan, Hao, Pan, Li	No
Dietary Tomato or Lycopene Do Not Reduce Castration-Resistant Prostate Cancer Progression in a Murine Model	The Journal of Nutrition	https://academic.oup.com/jn/advance-article/doi/10.1093/jn/nxaa107/5830776	2020	Joe L. Rowles, Joshua W. Smith, Catherine C. Applegate, Rita J. Miller, Matthew A. Wallig, Amandeep, Kaur, Jesus N. Sarol, Salma, Musaad, Steven K. Clinton, William D. O'Brien, John W. Erdman	No
Biaxial biomechanical properties of the nonpregnant murine cervix and uterus	Journal of Biomechanics	https://doi.org/10.1016/j.jbiomech.2019.07.011	2019	Cassandra K., Conway, Hamna J., Qureshi, Victoria L., Morris, Elvis K., Danso, Laurephile, Desrosiers, Leise R., Knoepp, Craig J., Goergen, Kristin S., Miller	No
High-definition ultrasound characterization of acute cyclophosphamide-induced cystitis in the mouse	Investigative and Clinical Urology	https://synapse.koreamed.org/DOIx.php?id=10.4111/icu.2020.61.1.75	2020	Toy G., Lee, Derrick, Sanderson, Paula, Doyle, Dongmei, Li, Ronald W., Wood	No

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Validation of ultrasound biomicroscopy for the assessment of xenogeneic testis tissue grafts and cell implants in recipient mice	Andrology	https://onlinelibrary.wiley.com/doi/abs/10.1111/andr.12771	2020	Mohammad Amin, Fayaz, Awang Hazmi, Awang-Junaidi, Jaswant, Singh, Ali, Honaramooz	No
Regeneration of testis tissue after ectopic implantation of porcine testis cell aggregates in mice: Improved consistency of outcomes and in situ monitoring	Reproduction, Fertility and Development		2020	Awang Hazmi, Awang-Junaidi, Jaswant, Singh, Ali, Honaramooz	No
Calligonum comosum (Escanbill) extract exerts anti-angiogenic, anti-proliferative and anti-inflammatory effects on endometriotic lesions	Journal of Ethnopharmacology	https://linkinghub.elsevier.com/retrieve/pii/S0378874118340820	2019	Kiandokht, Kiani, Jeannette, Rudzitis-Auth, Claudia, Scheuer, Mansoureh, Movahedin, Seyede Nargess, Sadati Lamardi, Hossein, Malekafzali Ardakani, Vivien, Becker, Ashraf, Moini, Reza, Afatoonian, Seyed Nasser, Ostad, Michael D., Menger, Matthias W., Laschke	No
Use of Antimetastatic SOD3-Mimetic Albumin as a Primer in Triple Negative Breast Cancer	Journal of Oncology	https://www.hindawi.com/journals/jo/2019/3253696/	2019	Shanta M, Messerli, Amanda M, Schaefer, Yongxian, Zhuang, Bohdan J, Soltys, Noah, Keime, Jenny, Jin, Li, Ma, Carleton J C, Hsia, W Keith, Miskimins	No
Mild hyperthermia as a localized radiosensitizer for deep-seated tumors: investigation in an orthotopic prostate cancer model in mice	The British Journal of Radiology	http://dx.doi.org/10.1016/j.bjro.2019.10.003	2019	Justin, Cohen, Akbar, Anvari, Santanu, Samanta, Yannick, Poirier, Sandrine, Soman, Allen, Alexander, Maida, Ranjbar, Ramilda, Pavlovic, Andrew, Zodda, Isabel L, Jackson, Javed, Mahmood, Zeljko, Vujaskovic, Amit, Sawant	No
Efficient prostate cancer therapy with tissue-specific homing peptides identified by advanced phage display technology	Molecular Therapy - Oncolytics	https://linkinghub.elsevier.com/retrieve/pii/S2327770519300014	2019	Akinori, Wada, Tomoya, Terashima, Susumu, Kageyama, Tetsuya, Yoshida, Mitsuhiro, Narita, Akihiro, Kawauchi, Hideto, Kojima	No
Chlorella-gold nanorods hydrogels generating photosynthesis-derived oxygen and mild heat for the treatment of hypoxic breast cancer	Journal of Controlled Release	https://doi.org/10.1016/j.jconrel.2018.12.011	2019	Changkyu, Lee, Kyungseop, Lim, Sung Soo, Kim, Le Xuan, Thien, Eun Seong, Lee, Kyung Taek, Oh, Han-Gon, Choi, Yu Seok, Youn	No
Contrast-enhanced ultrasound for ovary assessment in a murine model: preliminary findings on the protective role of a gonadotropin-releasing hormone analogue from chemotherapy-induced ovarian damage	European Radiology Experimental	https://euradiolexp.springeropen.com/articles/10.1186/s41747-018-0076-z	2018	Massimo, Venturini, Alice, Bergamini, Laura, Perani, Ana Maria, Sanchez, Elena Giulia, Rossi, Anna, Colarieti, Micaela, Petrone, Francesco, De Cobelli, Alessandro, Del Maschio, Paola, Viganò, Giorgia, Mangili, Massimo, Candiani, Carlo, Tacchetti, Antonio, Esposito	No
Facile fabrication of highly photothermal-effective albumin-assisted gold nanoclusters for treating breast cancer	International Journal of Pharmaceutics	https://doi.org/10.1016/j.ijpharm.2018.10.063	2018	Sungin, Lee, Changkyu, Lee, Sanghyun, Park, Kyungseop, Lim, Sung Soo, Kim, Jong Oh, Kim, Eun Seong, Lee, Kyung Taek, Oh, Han Gon, Choi, Yu Seok, Youn	No
Abstract 2833: Epithelial cell adhesion molecule (EPCAM) is associated with prostate cancer progression and chemo-/radio-resistance in vitro and in vivo	Cancer Research	http://www.embase.com/search/results?subaction=viewrecord&from=export&id=L61856...	2017	Jie, Ni, Paul, Cozzi, Julia, Beretov, Junli, Deng, Joseph, Bucci, Peter, Graham, Yong, Li	No
Multimodal assessments of Zika virus immune pathophysiological responses in marmosets	Scientific Reports	http://www.nature.com/articles/s41598-018-35481-6	2018	Fok-Moon, Lum, Wei, Zhang, Kheng-Choon, Lim, Benoit, Malleret, Teck-Hui, Teo, Jun-Jia, Koh, Kuan J., Lee, Tze-Kwang, Chua, Yiu-Wing, Kam, Wearn-Xin, Yee, Isaac, Huen, Jeslin J. L., Tan, Siti Naqiah, Amrun, Bhanu, Prakash KN, Patrick J., Cozzone, Laurent, Renia, Philip T. H., Lee, Lisa F. P., Ng	No
Conditional knockout of SHP2 in ErbB2 transgenic mice or inhibition in HER2-amplified breast cancer cell lines blocks oncogene expression and tumorigenesis	Oncogene	http://www.nature.com/articles/s41388-018-0574-8	2018	Hua, Zhao, Elisha, Martin, Fatimah, Matakah, Neal, Shah, Alexey, Ivanov, J. Michael, Ruppert, Paul R., Lockman, Yehnew M., Agazie	No
Intravesical ATP instillation induces urinary frequency because of activation of bladder afferent nerves without inflammatory changes in mice: A promising model for overactive bladder	Biochemical and Biophysical Research Communications	https://doi.org/10.1016/j.bbrc.2018.10.106	2018	Norichika, Ueda, Makoto, Kondo, Kentaro, Takezawa, Hiroshi, Kiuchi, Yosuke, Sekii, Yosuke, Inagaki, Tetsuji, Soda, Shinichiro, Fukuhara, Kazutoshi, Fujita, Motohide, Uemura, Ryoichi, Imamura, Yasushi, Miyagawa, Norio, Nonomura, Shoichi, Shimada	No

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Ultrasound molecular imaging as a non-invasive companion diagnostic for netrin-1 interference therapy in breast cancer	Theranostics	http://www.thno.org/v08p5126.htm	2018	Jennifer, Wischhusen, Katheryne E., Wilson, Jean-Guy, Delcros, Rodolfo, Molina-Peña, Benjamin, Gibert, Shan, Jiang, Jacqueline, Ngo, David, Goldschneider, Patrick, Mehlen, Juergen K., Willmann, Frederic, Padilla	No
Combination Therapy with DETA/NO and Clopidogrel Inhibits Metastasis in Murine Mammary Gland Cancer Models via Improved Vasoprotection	Molecular Pharmaceutics	http://www.ncbi.nlm.nih.gov/pubmed/30234992%0Ahttp://www.ncbi.nlm.nih.gov/pubme...	2018	Kseniia, Porshneva, Diana, Papiernik, Mateusz, Psurski, Marcin, Nowak, Rafał, Matkowski, Marcin, Ekiert, Magdalena, Milczarek, Joanna, Banach, Joanna, Jarosz, Joanna, Wietrzyk	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
Radiation treatment monitoring with DCE-US in CWR22 prostate tumor xenografts	Acta Radiologica	http://journals.sagepub.com/doi/10.1177/0284185118798167	2019	Natalia, Arteaga-Marrero, Jose F, Mainou-Gomez, Cecilie, Brekke Rygh, Nataliya, Lutay, Dieter, Roehrich, Rolf K, Reed, Dag R, Olsen	No
IL-6-mediated cross-talk between human preadipocytes and ductal carcinoma in situ in breast cancer progression	Journal of Experimental & Clinical Cancer Research	https://jccr.biomedcentral.com/articles/10.1186/s13046-018-0867-3	2018	Hoe Suk, Kim, Minji, Jung, Sul Ki, Choi, Jisu, Woo, Yin Ji, Piao, Eun Hye, Hwang, Hyelim, Kim, Seung Ja, Kim, Woo Kyung, Moon	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., Tizterman, Sara M., Mangsbo	No
Generation of multiparametric MRI maps by using Gd-labelled-RBCs reveals phenotypes and stages of murine prostate cancer	Scientific Reports	http://www.nature.com/articles/s41598-018-28926-5	2018	Giuseppe, Ferrauto, Enza, Di Gregorio, Stefania, Lanzardo, Laura, Ciolli, Manuela, Iezzi, Silvio, Aime	No
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
Intravesical Activation of the Cation Channel TRPV4 Improves Bladder Function in a Rat Model for Detrusor Underactivity	European Urology	https://doi.org/10.1016/j.eururo.2018.05.020	2018	Yves, Deruyver, Emmanuel, Weyne, Karel, Dewulf, Roma, Rietjens, Silvia, Pinto, Nele, Van Ranst, Jan, Franken, Matthias, Vanneste, Maarten, Albersen, Thomas, Gevaert, Rudi, Vennekens, Dirk, De Ridder, Thomas, Voets, Wouter, Everaerts	No
Tumor inhibitory effects of intravesical Ganoderma lucidum instillation in the syngeneic orthotopic MB49/C57 bladder cancer mice model	Journal of Ethnopharmacology	http://linkinghub.elsevier.com/retrieve/pii/S0378874118311991	2018	J.W.M., Yuen, D.S.Y., Mak, E.S., Chan, M.D.I., Gohel, C.F., Ng	No
MiR-301a-3p Suppresses Estrogen Signaling by Directly Inhibiting ESR1 in ERα Positive Breast Cancer.	Cellular physiology and biochemistry : international journal of experimental cellular physiology, biochemistry, and pharmacology	https://www.karger.com/Article/FullText/489687%0Ahttp://www.ncbi.nlm.nih.gov/pu...	2018	Sandra, Lettlova, Veronika, Brynychova, Jan, Blecha, David, Vrana, Magdalena, Vondrusova, Pavel, Soucek, Jaroslav, Truksa	No
Monitoring circulating prostate cancer cells by in vivo flow cytometry assesses androgen deprivation therapy on metastasis	Cytometry Part A	http://doi.wiley.com/10.1002/cyto.a.23369	2018	Kai, Pang, Chengying, Xie, Zhangru, Yang, Yuanzhen, Suo, Xi, Zhu, Dan, Wei, Xiaofu, Weng, Xunbin, Wei, Zhengqin, Gu	No
Primary Immunoprevention of Epithelial Ovarian Carcinoma by Vaccination against the Extracellular Domain of Anti-Müllerian Hormone Receptor II	Cancer Prevention Research	http://cancerpreventionresearch.aacrjournals.org/lookup/doi/10.1158/1940-6207.C...	2017	Suparna, Mazumder, Justin M, Johnson, Valerie, Swank, Nina, Dvorina, Elizabeth, Martelli, Jennifer, Ko, Vincent K, Tuohy	No

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Development of prostate specific membrane antigen targeted ultrasound microbubbles using bioorthogonal chemistry	PLOS ONE	http://dx.plos.org/10.1371/journal.pone.0176958	2017	Aimen, Ziltni, Melissa, Yin, Nancy, Janzen, Samit, Chatterjee, Ala, Lisok, Kathleen L., Gabrielson, Sridhar, Nimmagadda, Martin G., Pomper, F. Stuart, Foster, John F., Valliant	No
In Vivo Targeted Contrast Enhanced Micro-Ultrasound to Measure Intratumor Perfusion and Vascular Endothelial Growth Factor Receptor 2 Expression in a Mouse Orthotopic Bladder Cancer Model	The Journal of Urology	http://dx.doi.org/10.1016/j.juro.2011.02.047	2011	Eddie S.Y., Chan, Amit R., Patel, William A., Larchian, Warren D., Heston	No
Radiolabeled pertuzumab for imaging of human epidermal growth factor receptor 2 expression in ovarian cancer	European Journal of Nuclear Medicine and Molecular Imaging	http://link.springer.com/10.1007/s00259-017-3663-y	2017	Dawei, Jiang, Hyung-Jun, Im, Haiyan, Sun, Hector F., Valdivinos, Christopher G., England, Emily B., Ehlerding, Robert J., Nickles, Dong Soo, Lee, Steve Y., Cho, Peng, Huang, Wei-bo, Cai	No
A Model-Based Personalized Cancer Screening Strategy for Detecting Early-Stage Tumors Using Blood-Borne Biomarkers	Cancer Research	http://cancerres.aacrjournals.org/lookup/doi/10.1158/0008-5472.CAN-16-2904	2017	Sharon Seiko, Hori, Amelie M., Lutz, Ramasamy, Paulmurugan, Sanjiv Sam, Gambhir	No
Antagonists of growth hormone-releasing hormone inhibit proliferation induced by inflammation in prostatic epithelial cells	Proceedings of the National Academy of Sciences	http://www.pnas.org/lookup/doi/10.1073/pnas.1620884114	2017	Petra, Popovics, Andrew V., Schally, Luis, Salgueiro, Krisztina, Kovacs, Ferenc G., Rick	No
Ultrasound Molecular Imaging of the Breast Cancer Neovasculture using Engineered Fibronectin Scaffold Ligands: A Novel Class of Targeted Contrast Ultrasound Agent	Theranostics	http://www.thno.org/v06p1740.htm	2016	Lotfi, Abou-Elkacem, Katheryne E, Wilson, Sadie M, Johnson, Sayan M, Chowdhury, Sunitha, Bachawal, Benjamin J., Hackel, Lu, Tian, Jürgen K., Willmann	No
TGFβ Superfamily Members Mediate Androgen Deprivation Therapy-Induced Obese Frailty in Male Mice	Endocrinology	http://press.endocrine.org/doi/10.1210/en.2016-1580	2016	Chunliu, Pan, Shalini, Singh, Deepak M., Sahasrabudhe, Joe V., Chakkalakal, John J., Krolewski, Kent L., Nastiuk	No
Comparison of Photoacoustically Derived Hemoglobin and Oxygenation Measurements with Contrast-Enhanced Ultrasound Estimated Vascularity and Immunohistochemical Staining in a Breast Cancer Model	Ultrasonic Imaging	http://www.ncbi.nlm.nih.gov/pubmed/24652195	2015	John R, Eisenbrey, Daniel a, Merton, Andrew, Marshall, J.-B., Liu, Traci B, Fox, Anush, Sridharan, Flemming, Forsberg	No
Preclinical efficacy of bevacizumab with CRLX101, an investigational nanoparticle-drug conjugate, in treatment of metastatic triple-negative breast cancer	Cancer Research	http://cancerres.aacrjournals.org/cgi/doi/10.1158/0008-5472.CAN-15-3435	2016	E., Pham, M., Yin, C. G., Peters, C. R., Lee, D., Brown, P., Xu, S., Man, L., Jayaraman, E., Rohde, A., Chow, D., Lazarus, S., Eliasof, F. S., Foster, R. S., Kerbel	No
Efficient production of cynomolgus monkeys with a toolbox of enhanced assisted reproductive technologies	Scientific Reports	http://www.nature.com/articles/srep25888	2016	Yunhan, Ma, Jiayu, Li, Ge, Wang, Qiong, Ke, Sien, Qiu, Liang, Gao, Haifeng, Wan, Yang, Zhou, Andy Peng, Xiang, Qunshan, Huang, Guoping, Feng, Qi, Zhou, Shihua, Yang	No
Novel effects of simvastatin on uterine fibroid tumors: In vitro and patient-derived xenograft mouse model study	American Journal of Obstetrics and Gynecology	http://dx.doi.org/10.1016/j.ajog.2015.03.055	2015	Mostafa A., Borahay, Kathleen, Vincent, Massoud, Motamedi, Elena, Sbrana, Gokhan S., Kiliç, Ayman, Al-Hendy, Darren, Boehning	No
Nanotherapy silencing the interleukin-8 gene produces regression of prostate cancer by inhibition of angiogenesis	Immunology	http://doi.wiley.com/10.1111/imm.12618	2016	Ravikumar, Aalinkeel, Bindukumar, Nair, Chih-Kuang, Chen, Supriya D., Mahajan, Jessica L., Reynolds, Hanguang, Zhang, Haotian, Sun, Donald E., Sykes, Kailash C., Chadha, Steven G., Turowski, Katelyn D., Bothwell, Mukund, Seshadri, Chong, Cheng, Stanley A., Schwartz	No
Cell type-specific abundance of 4EBP1 primes prostate cancer sensitivity or resistance to PI3K pathway inhibitors	Science Signaling	http://stke.sciencemag.org/content/8/403/ra116.abstract	2015	Andrew C, Hsieh, Hao G, Nguyen, Lexiaochuan, Wen, Merritt P, Edlind, Peter R, Carroll, Won, Kim, Davide, Ruggero	No
High-Resolution Ultrasound Imaging: A Novel Technique for the Noninvasive in Vivo Analysis of Endometriotic Lesion and Cyst Formation in Small Animal Models	The American Journal of Pathology	http://linkinghub.elsevier.com/retrieve/pii/S0002944010603744	2010	Matthias W., Laschke, Christina, Körbel, Jeannette, Rudzitis-Auth, Isabella, Gashaw, Michael, Reinhardt, Peter, Hauff, Thomas M., Zollner, Michael D., Menger	No

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In vivo imaging reveals an essential role of vasoconstriction in rupture of the ovarian follicle at ovulation	Proceedings of the National Academy of Sciences	http://www.pnas.org/lookup/doi/10.1073/pnas.1512304113	2016	Fernando F., Migone, Robert G., Cowan, Rebecca M., Williams, Kiersten J., Gorse, Warren R., Zipfel, Susan M., Quirk	No
Assessment of ischaemia-reperfusion injury in the mice testis by using contrast ultrasound molecular imaging	Andrologia	http://doi.wiley.com/10.1111/and.12531	2016	M., Celebi, a. G. a., Paul	No
Quantitative volumetric imaging of normal, neoplastic and hyperplastic mouse prostate using ultrasound	BMC Urology	http://www.biomedcentral.com/1471-2490/15/97	2015	Shalini, Singh, Chunliu, Pan, Ronald, Wood, ChiuRen-Ren, Yeh, Shuyuan, Yeh, Kai, Sha, John J., Krolewski, Kent L., Nastiuk	No
Multimodal imaging guided preclinical trials of vascular targeting in prostate cancer	Oncotarget	http://www.impactjournals.com/oncotarget/index.php?journal=oncotarget&page=arti...	2015	James, Kalmuk, Margaret, Folaron, Julian, Buchinger, Roberto, Pili, Mukund, Seshadri	No
Safety and Chemopreventive Effect of Polyphenon E in Preventing Early and Metastatic Progression of Prostate Cancer in TRAMP Mice.	Cancer prevention research (Philadelphia, Pa.)	http://www.ncbi.nlm.nih.gov/pubmed/24501325	2014	Seung Joon, Kim, Ernest, Amankwah, Shahnjaya, Connors, Hyun Y, Park, Maria, Rincon, Heather, Cornell, Ganna, Chornokur, Arig Ibrahim, Hashim, Junsung, Choi, Ya-Yu, Tsai, Robert W, Engelman, Nagi, Kumar, Jong Y, Park	No
Earlier detection of breast cancer with ultrasound molecular imaging in a transgenic mouse model.	Cancer research	http://eutils.ncbi.nlm.nih.gov/entrez/eutils/elink.fcgi?dbfrom=pubmed&id=233285...	2013	Sunitha V, Bachawal, Kristin C, Jensen, Amelie M, Lutz, Sanjiv S, Gambhir, Francois, Tranquart, Lu, Tian, Jürgen K, Willmann	No
Comparison of mouse mammary gland imaging techniques and applications: Reflectance confocal microscopy, GFP Imaging, and ultrasound	BMC Cancer	http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=2266934&tool=pmcentre...	2008	Maddalena T, Tili, Angela R, Parrish, Ion, Cotarla, Laundette P, Jones, Michael D, Johnson, Priscilla a, Furth	No
Silencing HoxA1 by intraductal injection of siRNA lipidoid nanoparticles prevents mammary tumor progression in mice.	Science translational medicine	http://www.ncbi.nlm.nih.gov/pubmed/24382894	2014	Amy, Brock, Silva, Krause, Hu, Li, Marek, Kowalski, Michael S, Goldberg, James J, Collins, Donald E, Ingber	No
High-Fat, High-Calorie Diet Enhances Mammary Carcinogenesis and Local Inflammation in MMTV-PyMT Mouse Model of Breast Cancer	Cancers	http://www.mdpi.com/2072-6694/7/3/0828/	2015	Sarah, Cowen, Sarah, McLaughlin, Gerald, Hobbs, James, Coad, Karen, Martin, I., Ofert, Linda, Vona-Davis	No
Urine Stasis Predisposes to Urinary Tract Infection by an Opportunistic Uropathogen in the Megabladder (Mgb) Mouse	Plos One	http://dx.plos.org/10.1371/journal.pone.0139077	2015	Brian, Becknell, Ahmad Z., Mohamed, Birong, Li, Michael E., Wilhide, Susan E., Ingraham	No
Quantitative Ultrasound Comparison of MAT and 4T1 Mammary Tumors in Mice and Rats Across Multiple Imaging Systems	Journal of Ultrasound in Medicine	http://www.jultrasoundmed.org/cgi/doi/10.7863/ultra.34.8.1373	2015	L. a., Wirtzfeld, G., Ghoshal, I. M., Rosado-Mendez, K., Nam, Y., Park, a. D., Pawlicki, R. J., Miller, D. G., Simpson, J. a., Zagzebski, M. L., Oelze, T. J., Hall, W. D., O'Brien	No
Ultrasound Molecular Imaging of Vascular Endothelial Growth Factor Receptor 2 Expression for Endometrial Receptivity Evaluation	Theranostics	http://www.thno.org/v05p0206.htm	2015	Hongmei, Liu, Yihan, Chen, Fei, Yan, Xiaohua, Han, Junru, Wu, Xin, Liu, Hairong, Zheng	No
Experimental orthotopic prostate tumor in nude mice: Techniques for local cell inoculation and three-dimensional ultrasound monitoring	Urologic Oncology: Seminars and Original Investigations	http://dx.doi.org/10.1016/j.urolonc.2010.02.014	2012	Matthias, Saar, Christina, Körbel, Volker, Jung, Henrik, Suttman, Rainer, Grobholz, Michael, Stöckle, Gerhard, Unteregger, Michael D., Menger, Jörn, Kamradt	No
High-Resolution Ultrasound Allows Percutaneous Initiation and Surveillance of Prostate Cancer in an Orthotopic Murine Model	Urologia Internationalis	http://www.karger.com/?doi=10.1159/000362904	2014	Christina, Korb, Volker, Jung, Jörn, Kamradt, Michael, Stockle, Gerhard, Unteregger, Michael D., Menger, Matthias, Saar	No
307 Orthotopic tumorgrafts in nude mice: A new method to study human prostate cancer	European Urology Supplements	http://dx.doi.org/10.1016/S1569-9056(14)60302-X	2014	M, Saar, C, Körbel, J, Linxweiler, V, Jung, A, Hasenfus, G, Unteregger, M, Stöckle, M.D., Menger	No
In vivo bioimaging as a novel strategy to detect doxorubicin-induced damage to gonadal blood vessels.	PloS one	http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=3170286&tool=pmcentre...	2011	Hadas, Bar-Joseph, Irit, Ben-Aharon, Moran, Tzabari, Galia, Tsarfay, Salomon M, Stemmer, Ruth, Shalgi	No
Ovarian imaging in the mouse using ultrasound biomicroscopy (UBM): a validation study.	Reproduction, fertility, and development	http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=2882435&tool=pmcentre...	2009	Carmen N, Mircea, Marla E, Lujan, Rajesh S, Jaiswal, Jaswant, Singh, Gregg P, Adams, Roger a, Pierson	No
Transcriptional profiling of the bladder in urogenital schistosomiasis reveals pathways of inflammatory fibrosis and urothelial compromise.	PLoS neglected tropical diseases	http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=3510078&tool=pmcentre...	2012	Debalina, Ray, Tyrrell a, Nelson, Chi-Ling, Fu, Shailja, Patel, Diana N, Gong, Justin I, Odegaard, Michael H, Hsieh	No

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Ultrasound Molecular Imaging in a Human CD276 Expression-Modulated Murine Ovarian Cancer Model.	Clinical cancer research : an official journal of the American Association for Cancer Research	http://www.ncbi.nlm.nih.gov/pubmed/24389327	2014	Amelie M, Lutz, Sunitha V, Bachawal, Charles W, Drescher, Marybeth a, Pysz, Jürgen K, Willmann, Sanjiv Sam, Gambhir	No
Optical imaging with her2-targeted affibody molecules can monitor hsp90 treatment response in a breast cancer xenograft mouse model.	Clinical cancer research : an official journal of the American Association for Cancer Research	http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=3288571&tool=pmcentr...	2012	Stephanie M W Y, van de Ven, Sjoerd G, Elias, Carmel T, Chan, Zheng, Miao, Zhen, Cheng, Abhijit, De, Sanjiv S, Gambhir	No
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Inhibition of Tumor Growth Progression by Antiandrogens and mTOR Inhibitor in a Pten-Deficient Mouse Model of Prostate Cancer	Cancer Research	http://www.ncbi.nlm.nih.gov/pubmed/19738074	2009	Weisheng, Zhang, Joe, Zhu, Clay L, Efferson, Chris, Ware, Jennifer, Tammam, Minilik, Angagaw, Jason, Laskey, Kimberly a, Bettano, Shailaja, Kasibhatla, John F, Reilly, Cyrille, Sur, Pradip K, Majumder	No
Mast Cell Targeting Hampers Prostate Adenocarcinoma Development but Promotes the Occurrence of Highly Malignant Neuroendocrine Cancers	Cancer Research	http://www.ncbi.nlm.nih.gov/pubmed/21896641	2011	Paola, Pittoni, Claudio, Tripodo, Silvia, Piconese, Giorgio, Mauri, Mariella, Parenza, Alice, Rigoni, Sabina, Sangaletti, Mario P, Colombo	No

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Functional neoangiogenesis imaging of genetically engineered mouse prostate cancer using three-dimensional power Doppler ultrasound.	Cancer research	http://www.ncbi.nlm.nih.gov/pubmed/17363606	2007	Jim W, Xuan, Michael, Bygrave, Hongyi, Jiang, Fatma, Valiyeva, Joy, Dunmore-Buyze, David W, Holdsworth, Jonathan I, Izawa, Glenn, Bauman, Madeleine, Moussa, Scott F, Winter, Norman M, Greenberg, Joseph L, Chin, Maria, Drangova, Aaron, Fenster, James C, Laceyfield	No
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