Title	Journal	Link	Publication date	References	Top Paper
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	Yes
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
Autophagy Plays a Suppressive Role in Bladder Tumor Formation in an Orthotopic Mouse Model and Bladder Cancer Patient Specimens	Kaohsiung Journal of Medical Sciences		2026	Wan Ting, Kuo, Chin Chen, Pan, Yi Wen, Liu, Nan Haw, Chow, Hong Lin, Cheng, Shan Ying, Wu, Sheng Hui, Lan, Chih Peng, Chang, Hsiao Sheng, Liu	No
Shifting the paradigm of PSMA delivery in prostate cancer for internal radiotherapy: An innovative ultrasound-mediated approach	Biomedicine & Pharmacotherapy	https://linkinghub.elsevier.com/retrieve/pii/S0753332226001071	2026	Sophie, Tran, Anne-Laure, Grindel, Dimitri, Kereselidze, Laurène, Jourdain, Caroline, Denis, Benoit, Jego, Soizic, Martin-Aubert, Jean-Luc, Gennisson, Jean-Michel, Daugas, Anthony, Novell, Charles, Truillet	No
IL-33 Signaling Inhibition Leads to a Preeclampsia-Like Phenotype in Pregnant Rats	American Journal of Reproductive Immunology		2024	Xi, Wang, Corbin A., Shields, Deanna, Thompson, Jie, McKay, Rachel, Wilson, Marcus K., Robbins, Hannah, Glenn, Molly, Fontenot, Jan M., Williams, Denise C., Cornelius	No
IL-33 supplementation improves uterine artery resistance and maternal hypertension in response to placental ischemia	American Journal of Physiology - Heart and Circulatory Physiology		2024	Xi, Wang, Corbin, Shields, Geilda, Tardo, Greg, Peacock, Emily, Hester, Marissa, Anderson, Jan M., Williams, Denise C., Cornelius	No
Exploring the effect of platelet-rich plasma on vascularization and survival of follicles in xenotransplanted human ovarian tissue BIOGRAPHY	Reproductive BioMedicine Online	https://doi.org/10.1016/j.	2024	Cristina, Subiran, Adrados, Is A Phd, Cristina Subiran, Adrados, Hanna Ørnes, Olesen, Sophie Vernimmen, Olesen, Susanne Elisabeth, Pors, Sussanne, Holtze, Thomas, Hildebrandt, Claus Yding, Andersen, Stine Gry, Kristensen	No
Tumor promoting effect of spheroids in an orthotopic prostate cancer mouse model	Scientific Reports		2024	Julius Lars Daniel, Bastian, Philip, Zeuschner, Michael, Stöckle, Kerstin, Junker, Johannes, Linxweiler	No
Irradiation with Carbon Ions Effectively Counteracts Hypoxia-related Radioresistance in a Rat Prostate Carcinoma	International Journal of Radiation Oncology Biology Physics		2024	Christin, Glowa, Alina L., Bendinger, Rosemarie, Euler-Lange, Peter, Peschke, Stephan, Brons, Jürgen, Debus, Christian P., Karger	No
Topographic modification of the extracellular matrix precedes the onset of bladder cancer	Matrix Biology Plus		2024	Chiara, Venegoni, Filippo, Pederzoli, Irene, Locatelli, Elisa, Alchera, Laura, Martinez-Vidal, Alessia, Di Coste, Marco, Bandini, Andrea, Necchi, Francesco, Montorsi, Andrea, Salonia, Marco, Moschini, Jithin, Jose, Federico, Scarfò, Roberta, Lucianò, Massimo, Alfano	No

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Mortalin promotes the evolution of androgen-independent prostate cancer through Wnt/β-catenin signaling pathway	Cancer Cell International		2024	Ying, Chang, Jinyuan, Sui, Qiang, Fu, Zhongqi, Lu, Zhengri, Piao, Tiefeng, Jin, Meihua, Zhang	No
Induction and characterization of a rat model of endometriosis	Scientific Reports		2024	Jayhind Kumar, Chauhan, Pawan K., Dubey, Sangeeta, Rai, Anima, Tripathi	No
Rosiglitazone and trametinib exhibit potent anti-tumor activity in a mouse model of muscle invasive bladder cancer	Nature Communications		2024	Sakina A., Plumber, Tiffany, Tate, Hikmat, Al-Ahmadie, Xiao, Chen, Woonyoung, Choi, Merve, Basar, Chao, Lu, Aaron, Viny, Ekatherina, Batourina, Jiaqi, Li, Kristjan, Gretarsson, Besmira, Alija, Andrei, Molotkov, Gregory, Wiessner, Byron Hing Lung, Lee, James, McKiernan, David J., McConkey, Colin, Dinney, Bogdan, Czerniak, Cathy Lee, Mendelsohn	No
Biodistribution of PET radiotracers in tumor-bearing TRAMP mice administered by retroorbital or jugular vein injections	Scientific Reports		2024	Catherine C., Applegate, Michael B., Nelappana, Yuxiao, Cui, Goodluck, Okoro, Elaine A., Nielsen, Nicolas P., Dovalovsky, Andrew M., Smith, Iwona T., Dobrucki, Lawrence W., Dobrucki	No
Application of small animal ultrasound imaging technology for identification of polycystic ovary syndrome in a mouse model	Biochemical and Biophysical Research Communications		2024	Mengmeng, Ren, Tingting, Yang, Meichen, Liu, Xiaojuan, Ma, Boya, Li, Akram S., Al-Mughalles, Xiuying, Pei, Shuya, Zhang	No
Western diet promotes endometriotic lesion growth in mice and induces depletion of Akkermansia muciniphila in intestinal microbiota	BMC Medicine		2024	Guillaume, Parpex, Benoît, Chassaing, Mathilde, Bourdon, Pietro, Santulli, Ludivine, Doridot, Marine, Thomas, Frédéric, Batteux, Sandrine, Chouzenoux, Charles, Chapron, Carole, Nicco, Louis, Marcellin	No
Intrauterine adhesions assessment by photoacoustic imaging versus high frequency ultrasound imaging in rats	Biochemical and Biophysical Research Communications		2024	Hongmei, Dong, Rui, Tang, Yanli, Hu, Shigen, Zhong, Jie, Luo	No
Endometriosis development in relation to hypoxia: a murine model study	Molecular Medicine		2024	Marta, Hoffmann-Młodzianowska, Radosław B., Maksym, Katarzyna, Pucia, Monika, Kuciak, Andrzej, Mackiewicz, Claudine, Kieda	No
An endogenous aryl hydrocarbon receptor ligand induces preeclampsia-like phenotypes in rats	The Journal of Physiology	https://doi.org/10.1113/JP287503#support-information-section	2025	Ying-Jie, Zhao, Chi, Zhou, Si-Yan, Zhang, Jay S, Mishra, Hui-Hui, Li, Wei, Lei, Kai, Wang, Sathish, Kumar, Jing, Zheng, Y-j, Zhao, C, Zhou, Zhao, Y-j, Wei, Y-y, Zhang, S-y, Li, H-h, others J, Physiol, J, Zheng	No
Metformin reverses infertility in a mouse model of endometriosis: unveiling disease pathways and implications for future clinical approaches	Reproductive BioMedicine Online		2025	A. Catarina, Neto, Maria, Botelho, Adriana R., Rodrigues, Sofia, Lamas, Beatriz, Araújo, J. Tiago, Guimarães, Alexandra M., Gouveia, Henrique, Almeida, Delminda, Neves	No
Ultrasound irradiation in the presence of microbubbles may enhance the antitumor effect of chemotherapeutic agents against bladder cancer	Journal of Cancer		2025	Takehiro, Suzuki, Takuma, Sato, Ariunbuyan, Sukhbaatar, Maya, Sakamoto, Shiro, Mori, Tetsuya, Kodama, Akihiro, Ito	No
Anti-miRNA therapeutics for uterine fibroids	Biomedicine and Pharmacotherapy		2025	Sharad, Saxena, Maria Concetta, Volpe, Chiara, Agostinis, Simone, Vodret, Nadja Anneliese Ruth, Ring, Andrea, Colliva, Roman, Vuerich, Luca, Braga, A., Cook-Calvete, Federico, Romano, Gabriella, Zito, Giovanni Di, Lorenzo, Blendi, Ura, Giuseppe, Ricci, Maurizio, Pinamonti, Roberta, Bulla, Serena, Zacchigna	No

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Quantitative Ultrasound-Based Characterization of Placental Tissue Microstructure in a Rat Model of Preeclampsia	Ultrasound in Medicine and Biology		2025	Andrew C., Markel, Cameron, Hoerig, Allan K.N., de Alencar, Kenneth F., Swan, Alexander D., Gleed, Lili, Shi, Gabriella, Pridjian, Jonathan, Mamou, Carolyn L., Bayer	No
Simvastatin-loaded liposomal nanoparticles as treatment for adenomyosis in a patient-derived xenograft mouse model: a pilot study	Journal of Obstetrics and Gynaecology		2025	Rachel, Michel, Kathleen L., Vincent, Gregory W., Kirschen, Massoud, Motamedi, Jamal, Saada, Jinping, Yang, Bulent, Ozpolat, Gokhan S., Kilic, Mostafa A., Borahay	No
Multi-parametric quantitative evaluation of murine cervical remodeling during pregnancy and postpartum	Scientific Reports		2025	Yan, Yan, Jose, Galaz, Joshua, Marvald, Tanzy, Love, Steven, Yellon, Nardhy, Gomez-Lopez, Mohammad, Mehrmohammadi	No
Exacerbation of neuronal senescence after spinal cord injury: Role of the macrophage-derived transforming growth factor-β1-SMAD2 signaling axis	Neural Regeneration Research		2025	Haiwen, Feng, Hongda, Wang, Junjin, Li, Jie, Ren, Yuanquan, Li, Chuanhao, Li, Junyu, Chen, Xiaomeng, Song, Guangzhi, Ning, Shiqing, Feng	No
Intravesical VSVd51-GM-CSF virotherapy is superior to BCG in treating bladder cancer in preclinical and translational models	Molecular Therapy Oncology		2025	Lauren, Daniel, Kowry S., Ndiaye, Hugo, Giguère, Léa J., Custeau, Jacob L., Léger, Guillaume, St-Cyr, Nadia Ekindi, Ndongo, Patrick O., Richard, Lee Hwa, Tai	No
Multifunctional and Scalable Nanoparticles for Bimodal Image-Guided Phototherapy in Bladder Cancer Treatment	Nano-Micro Letters		2025	Menghuan, Tang, Sohaib, Mahri, Ya Ping, Shiau, Tasneem, Mukarrama, Rodolfo, Villa, Qiufang, Zong, Kelsey Jane, Racacho, Yangxiong, Li, Yunyoung, Lee, Yanyu, Huang, Zhaoqing, Cong, Jinhwan, Kim, Yuanpei, Li, Tzu Yin, Lin	No
Urine-Stable Aptamer-Conjugated Gold Nanorods for the Early Detection of High-Grade Bladder Cancer Residual Disease	Advanced Healthcare Materials		2025	Chiara, Venegoni, Silvia, Tortorella, Alessandra, Caliendo, Irene, Locatelli, Alessia Di, Coste, Erica, Locatelli, Filippo, Capancioni, Emanuela, Bua, Simona, Camorani, Andrea, Salonia, Francesco, Montorsi, Jithin, Jose, Marco, Moschini, Laura, Cerchia, Mauro Comes, Franchini, Massimo, Alfano	No
Adaptation of a Clinical High-Frequency Transrectal Ultrasound System for Prostate Photoacoustic Imaging: Implementation and Pre-clinical Demonstration	Ultrasound in Medicine and Biology		2024	Nidhi, Singh, Emmanuel, Chérin, Carlos Felipe, Roa, Yohannes, Soenjaya, Brian, Wodlinger, Gang, Zheng, Brian C., Wilson, F. Stuart, Foster, Christine E.M., Demore	No
Phosphodiesterases Mediate the Augmentation of Myogenic Constriction by Inhibitory G Protein Signaling and is Negatively Modulated by the Dual Action of RGS2 and 5	Function		2024	Bo, Sun, Nia, Smith, Alethia J., Dixon, Patrick, Osei-Owusu	No
Maternal exposure to polyethylene micro- and nanoplastics impairs umbilical blood flow but not fetal growth in pregnant mice	Scientific Reports		2024	Jenna, Hanrahan, Katherine L., Steeves, Drew P., Locke, Thomas M., O'Brien, Alexandre S., Maekawa, Roshanak, Amiri, Christopher K., Macgowan, Ahmet A., Baschat, John C., Kingdom, André J., Simpson, Myrna J., Simpson, John G., Sled, Karl J., Jobst, Lindsay S., Cahill	No

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Gold nanorod–assisted theranostic solution for nonvisible residual disease in bladder cancer	Proceedings of the National Academy of Sciences	https://pnas.org/doi/10.1073/pnas.2411583121	2024	Paolo, Armanetti, Irene, Locatelli, Chiara, Venegoni, Elisa, Alchera, Beatrice, Campanella, Filippo, Pederzoli, Mirko, Maturi, Erica, Locatelli, Silvia, Tortorella, Flavio, Curnis, Angelo, Corti, Roberta, Lucianò, Massimo, Onor, Andrea, Salonia, Francesco, Montorsi, Marco, Moschini, Viktor, Popov, Jithin, Jose, Mauro, Comes Franchini, Ean Hin, Ooi, Luca, Menichetti, Massimo, Alfano	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., Kalmar, G. Larry, Maxwell, David, O'Malley, David E., Cohn, Michael F., Tweedle, Karuppaiyah, 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, Büntjen, 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
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

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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	Liuhua, 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, Stanisz, 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, Gustsavsson, 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, Meiwan, Chen, Jiali, Zhang, Yourong, Duan	No

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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
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, Reinhild, Sandhowe-Klaverkamp, Jörg, Stypmann, Michael, Kuhlmann, Richard, Holtmeier, Oliver S., Damm, Frank, Tüttelmann, Jörg, Gromoll	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
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
Construction of Nucleolin-Targeted Lipid Nanobubbles and Contrast-Enhanced Ultrasound Molecular Imaging in Triple-Negative Breast Cancer	Pharmaceutical Research		2020	Kejing, Fang, Luofu, Wang, Haiyun, 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., Egland	No
Targeted nanobubbles carrying indocyanine green for ultrasound, photoacoustic and fluorescence imaging of prostate cancer	International Journal of Nanomedicine		2020	Yixuan, Wang, Minmin, Lan, Daijia, Shen, Kejing, Fang, Lianhua, Zhu, Yu, Liu, Lan, Hao, Pan, Li	No

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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
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 (Escanbil) 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, Aflatoonian, 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.cca.2009.10.003	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/S2372770519300014	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://eurradiolexp.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

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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, Matalkah, Neal, Shah, Alexey, Ivanov, J. Michael, Ruppert, Paul R., Lockman, Yehenew 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, Yusuke, Inagaki, Tetsuji, Soda, Shinichiro, Fukuhara, Kazutoshi, Fujita, Motohide, Uemura, Ryoichi, Imamura, Yasushi, Miyagawa, Norio, Nonomura, Shoichi, Shimada	No
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
miR-21 modification enhances the performance of adipose tissue-derived mesenchymal stem cells for counteracting urethral stricture formation	Journal of Cellular and Molecular Medicine	http://doi.wiley.com/10.1111/jcmm.13834	2018	Zongcheng, Feng, Hongrun, Chen, Taozhu, Fu, Lianfeng, Zhang, Yushan, Liu	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://jeccr.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

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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., Ti¿½tterman, 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
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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
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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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., Valdovinos, Christopher G., England, Emily B., Ehlerding, Robert J., Nickles, Dong Soo, Lee, Steve Y., Cho, Peng, Huang, Weibo, 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

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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
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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
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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
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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
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