

Title	Journal	Link	Publication date	References	Top Paper
A critical role for macrophages in neovessel formation and the development of stenosis in tissue-engineered vascular grafts	The FASEB Journal	http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=3236622&tool=pmcentre...	2011	N., Hibino, T., Yi, D. R., Duncan, A., Rathore, E., Dean, Y., Naito, A., Dardik, T., Kyriakides, J., Madri, J. S., Pober, T., Shinoka, C. K., Breuer	Yes
Doxorubicin-induced cardiovascular toxicity: a longitudinal evaluation of functional and molecular markers	Cardiovascular Research		2023	Matthias, Bosman, Dustin, Krüger, Charles, Van Assche, Hanne, Boen, Cédric, Neutel, Kasper, Favere, Constantijn, Franssen, Wim, Martinet, Lynn, Roth, Guido R Y, De Meyer, Berta, Cillero-Pastor, Leen, Delrue, Ward, Heggermont, Emeline M, Van Craenenbroeck, Pieter-Jan, Guns	No
Temporal Progression of Aortic Valve Pathogenesis in a Mouse Model of Osteogenesis Imperfecta	Journal of Cardiovascular Development and Disease		2023	Kaitlyn, Thatcher, Carol R., Mattern, Daniel, Chaparro, Veronica, Goveas, Michael R., McDermott, Jessica, Fulton, Joshua D., Hutcheson, Brian R., Hoffmann, Joy, Lincoln	No
Upregulation of NOR-1 in calcified human vascular tissues: impact on osteogenic differentiation and calcification	Translational Research		2023	Carme, Ballester-Servera, Laia, Cañes, Judith, Alonso, Lidia, Puertas-Umbert, Paula, Vázquez-Sufuentes, Manel, Taurón, Elena, Roselló-Díez, Francisco, Marín, Cristina, Rodríguez, José, Martínez-González	No
Gut-derived metabolites mediating cognitive development in 5-year-old children: Early-life transplant in mice has lasting effects throughout adulthood	Brain, Behavior, and Immunity		2023	Maria Angela, Guzzardi, Federica, La Rosa, Federico, Granziera, Daniele, Panetta, Mercedes, Pardo-Tendero, Monica, Barone, Silvia, Turroni, Francesco, Falta, Claudia, Kusmic, Patrizia, Brigidi, Daniel, Monleon, Patricia, Iozzo	No
Based on network pharmacology, gastrodin attenuates hypertension-induced vascular smooth muscle cell proliferation and PI3K/AKT pathway activation	Scientific reports		2023	Aling, Shen, Meizhu, Wu, Farman, Ali, Zhi, Guo, Yi, Fang, Yuting, Zhou, Siyu, Zhang, Wenqiang, Zhang, Ying, Wen, Min, Yu, Jun, Peng, Keji, Chen	No
Detecting vascular changes in tumour xenografts using micro-ultrasound and micro-ct following treatment with VEGFR-2 blocking antibodies.	Ultrasound in medicine & biology	http://www.ncbi.nlm.nih.gov/pubmed/17467156	2007	Alison M Y, Cheung, Allison S, Brown, Vivienne, Cucevic, Marcia, Roy, Andrew, Needles, Victor, Yang, Daniel J, Hicklin, Robert S, Kerbel, F Stuart, Foster	No

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Low-dose metronomic oral dosing of a prodrug of gemcitabine (LY2334737) causes antitumor effects in the absence of inhibition of systemic vasculogenesis.	Molecular cancer therapeutics	http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=3409688&tool=pmcentre...	2012	Giulio, Francia, Yuval, Shaked, Kae, Hashimoto, John, Sun, Melissa, Yin, Carolyn, Cesta, Ping, Xu, Shan, Man, Christina, Hackl, Julie, Stewart, Mark, Uhlik, Anne H, Dantzig, F Stuart, Foster, Robert S, Kerbel	No
The Vascular Disrupting Agent STA-9584 Exhibits Potent Antitumor Activity by Selectively Targeting Microvasculature at Both the Center and Periphery of Tumors	Journal of Pharmacology and Experimental Therapeutics	http://www.ncbi.nlm.nih.gov/pubmed/22837008	2012	Kevin P, Foley, Dan, Zhou, Chris, Borella, Yaming, Wu, M., Zhang, Jun, Jiang, Hao, Li, Jim, Sang, Tim, Korbut, Josephine, Ye, Xuemei, Zhang, James, Barsoum, Andrew J, Sonderfan	No
Vitamin E analogues inhibit angiogenesis by selective induction of apoptosis in proliferating endothelial cells: the role of oxidative stress.	Cancer research	http://www.ncbi.nlm.nih.gov/pubmed/18089821	2007	Lan-Feng, Dong, Emma, Swettenham, Johanna, Eliasson, Xiu-Fang, Wang, Mikhail, Gold, Yasmine, Medunic, Marina, Stantic, Pauline, Low, Lubomir, Prochazka, Paul K, Witting, Jaroslav, Turanek, Emmanuel T, Akporiaye, Stephen J, Ralph, Jiri, Neuzil	No
HIF-1-dependent stromal adaptation to ischemia mediates in vivo tumor radiation resistance.	Molecular cancer research : MCR	http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=3077053&tool=pmcentre...	2011	David L, Schwartz, James, Bankson, Luc, Bidaut, Yi, He, Ryan, Williams, Robert, Lemos, Arun Kumar, Thitai, Junghwan, Oh, Andrei, Volgin, Suren, Soghomonyan, Hsin-Hsien, Yeh, Ryuichi, Nishii, Uday, Mukhopadhyay, Mian, Alauddin, Ioseb, Mushkudiani, Norihito, Kuno, Sunil, Krishnan, William, Bormman, Stephen Y, Lai, Garth, Powis, John, Hazle, Juri, Gelovani	No
Enhanced Sonographic Imaging to Diagnose Lymph Node Metastasis: Importance of Blood Vessel Volume and Density	Cancer Research	http://www.ncbi.nlm.nih.gov/pubmed/23333937	2013	Li, Li, Shiro, Mori, M., Kodama, Maya, Sakamoto, Shoki, Takahashi, Tetsuya, Kodama	No
Rhodamine-Loaded Intercellular Adhesion Molecule-1-targeted Microbubbles for Dual-Modality Imaging Under Controlled Shear Stresses	Circulation: Cardiovascular Imaging	http://www.ncbi.nlm.nih.gov/pubmed/24036383	2013	Zhuojun, Wu, Adelina, Curaj, Stanley, Fokong, Elisa a, Liehn, Christian, Weber, Twan, Lammers, Fabian, Kiessling, Marc, Zandvoort van	No
Antiangiogenic Cancer Therapy : Monitoring with Molecular US and a Clinically Translatable Contrast Purpose : Methods : Results :	Radiology	http://www.ncbi.nlm.nih.gov/pubmed/20515975	2010	Agent, Br, Marybeth A, Pysz, Kira, Foygel, Jarrett, Rosenberg	No

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Ex vivo Characterization of Atherosclerosis using Intravascular Photoacoustic Imaging.	Optics express		2007	Shriram, Sethuraman, James H, Amirian, Silvio H, Litovsky, Richard W, Smalling, Stanislav Y, Emelianov	No
Intravascular photoacoustic imaging of lipid in atherosclerotic plaques in the presence of luminal blood	Optics Letters		2012	Bo, Wang, Andrei, Karpouk, Doug, Yeager, James, Amirian, Silvio, Litovsky, Richard, Smalling, Stanislav, Emelianov	No
Enhanced angiogenic and cardiomyocyte differentiation capacity of epigenetically reprogrammed mouse and human endothelial progenitor cells augments their efficacy for ischemic myocardial repair.	Circulation research	http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=3406600&tool=pmcentre...	2012	Melissa a, Thal, Prasanna, Krishnamurthy, Alexander R, Mackie, Eneda, Hoxha, Erin, Lambers, Suresh, Verma, Veronica, Ramirez, Gangjian, Qin, Douglas W, Losordo, Raj, Kishore	No
Injection of Vessel-Derived Stem Cells Prevents Dilated Cardiomyopathy and Promotes Angiogenesis and Endogenous Cardiac Stem Cell Proliferation in mdx/utrn^{-/-} but Not Aged mdx Mouse Models for Duchenne Muscular Dystrophy	Stem Cells Translational Medicine	http://stemcellstm.alphamedpress.org/cgi/doi/10.5966/sctm.2012-0107	2013	J. L., Chun, R., O'Brien, M. H., Song, B. F., Wondrasch, S. E., Berry	No