

Selection of Publications

Leica DMI1

- Bhandari, Pushpak et al. “Ultrasound Beam Steering of Oxygen Nanobubbles for Enhanced Bladder Cancer Therapy.” *Scientific Reports* 8.1 (2018): 3112. Web. 9 Mar. 2018.
- Martinez-Useros, Javier et al. “Clinical Implications of NRAS Overexpression in Resectable Pancreatic Adenocarcinoma Patients.” *Pathology & Oncology Research* (2017): n. pag. Web.
- Martinez-Useros, J. et al. “The Potential Predictive Value of DEK Expression for Neoadjuvant Chemoradiotherapy Response in Locally Advanced Rectal Cancer.” *BMC Cancer* 18.1 (2018): 144. Web. 9 Mar. 2018.
- Zhu, Junyan et al. “Prostaglandin Receptor EP3 Regulates Cell Proliferation and Migration with Impact on Survival of Endometrial Cancer Patients.” *Oncotarget* 9.1 (2018): 982–994. Web. 9 Mar. 2018.
- Roush, Kyle S. et al. “Enhancing the Fathead Minnow Fish Embryo Toxicity Test: Optimizing Embryo Production and Assessing the Utility of Additional Test Endpoints.” *Ecotoxicology and Environmental Safety* 153 (2018): 45–53. Web. 9 Mar. 2018.
- Abadie, S. et al. “3D Imaging of Cleared Human Skin Biopsies Using Light-Sheet Microscopy: A New Way to Visualize in-Depth Skin Structure.” *Skin Research and Technology* (2018): n. pag. Web. 9 Mar. 2018.
- Arakaki, Aleena K S et al. “The α -Arrestin ARRDC3 Suppresses Breast Carcinoma Invasion by Regulating G Protein-Coupled Receptor Lysosomal Sorting and Signaling.” *The Journal of biological chemistry* 293.9 (2018): 3350–3362. Web. 9 Mar. 2018.
- Grasland-Mongrain, Pol et al. “Ultrafast Imaging of Cell Elasticity with Optical Microelastography.” *Proceedings of the National Academy of Sciences of the United States of America* 115.5 (2018): 861–866. Web. 9 Mar. 2018.
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- van der Vorst, Emiel et al. “Functional Ex-Vivo Imaging of Arterial Cellular Recruitment and Lipid Extravasation.” *BIO-PROTOCOL* 7.12 (2017): n. pag. Web. 9 Mar. 2018.
- Davoudi, Zahra et al. “Intestinal Organoids Containing Poly(lactic- Co -Glycolic Acid) Nanoparticles for the Treatment of Inflammatory Bowel Diseases.” *Journal of Biomedical Materials Research Part A* 106.4 (2018): 876–886. Web. 9 Mar. 2018.
- Zhang, Fangfang et al. “Lin28b and Sox2 Regulate Anesthesia-Induced Neural Degeneration in Neural Stem Cell Derived Neurons.” *European Journal of Pharmacology* 820 (2018): 167–172. Web. 9 Mar. 2018.
- Martinez-Useros, Javier et al. “Clinical Implications of NRAS Overexpression in Resectable Pancreatic Adenocarcinoma Patients.” *Pathology & Oncology Research* (2017): 1–10. Web. 9 Mar. 2018.
- Yusoff, Nor et al. “Nypa Fruticans Wurmb. Vinegar’s Aqueous Extract Stimulates Insulin Secretion and Exerts Hepatoprotective Effect on STZ-Induced Diabetic Rats.” *Nutrients* 9.9 (2017): 925. Web. 13 Oct. 2017.
- Dai, Hai-yang et al. “Adenoviral Vector Mediated Ferritin over-Expression in Mesenchymal Stem Cells Detected by 7T MRI in Vitro.” Ed. Johannes Boltze. *PLOS ONE* 12.9 (2017): e0185260. Web. 13 Oct. 2017.
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- Kim, Ri Youn et al. “Is Heparin Effective for the Controlled Delivery of High-Dose Bone Morphogenetic Protein-2?” *Tissue Engineering Part A* 22.9–10 (2016): 801–817. Web. 12 Aug. 2016.
- Flynn, Ryan A et al. “Transcriptome-Wide Interrogation of RNA Secondary Structure in Living Cells with icSHAPE.” *Nature protocols* 11.2 (2016): 273–90. Web. 18 Jan. 2016.
- Bi, Zhenzhen et al. “Efficacy of Four Nematicides Against the Reproduction and Development of Pinewood Nematode, *Bursaphelenchus Xylophilus*.” *Journal of nematology* 47.2 (2015): 126–32. Web. 9 Mar. 2016.

From Eye to Insight



Siddiqui, Sazada. "DNA Damage in Cicer Plant Grown on Soil Polluted with Heavy Metals." *Journal of King Saud University - Science* 27.3 (2015): 217–223. Web. 9 Mar. 2016.

Burridge, Paul W et al. "Modeling Cardiovascular Diseases with Patient-Specific Human Pluripotent Stem Cell-Derived Cardiomyocytes." *Methods in molecular biology (Clifton, N.J.)* 1353 (2016): 119–30. Web. 9 Mar. 2016.