

Year	Graduate Student Publications
2017	<u>The effects of C5-substituted 2,4-diaminoguanidines on selected transcript expression in spinal muscular atrophy cells.</u> Gentillon C, Connell AJ, Kirk RW, Butchbach MER. PLoS One. 2017 Jun 29;12(6):e0180657. doi: 10.1371/journal.pone.0180657. eCollection 2017
2017	<u>CRISPR-Cas and Contact-Dependent Secretion Systems Present on Excisable Pathogenicity Islands with Conserved Recombination Modules.</u> Carpenter MR, Kalburge SS, Borowski JD, Peters MC, Colwell RR, Boyd EF . J Bacteriol. 2017 Apr 25;199(10). pii: e00842-16. doi: 10.1128/JB.00842-16. Print 2017 May 15. PMID:28264992
2017	<u>Quorum Sensing Regulators Are Required for Metabolic Fitness in Vibrio parahaemolyticus.</u> Kalburge SS, Carpenter MR, Rozovsky S, Boyd EF . Infect Immun. 2017 Feb 23;85(3). pii: e00930-16. doi: 10.1128/IAI.00930-16. Print 2017 Mar. PMID:28069817
2017	<u>Effectiveness of a walnut-enriched diet on murine sperm: involvement of reduced peroxidative damage.</u> Coffua LS, Martin-DeLeon PA . Heliyon. 2017 Feb 20;3(2):e00250. doi: 10.1016/j.heliyon.2017.e00250. eCollection 2017 Feb. PMID:28239673
2017	<u>The molecular mechanisms underlying lens fiber elongation.</u> Audette DS, Scheiblin DA, Duncan MK. Exp Eye Res. 2017 Mar;156:41-49. doi: 10.1016/j.exer.2016.03.016. Epub 2016 Mar 23. Review. PMID:2701593
2017	<u>β1-Integrin Deletion From the Lens Activates Cellular Stress Responses Leading to Apoptosis and Fibrosis.</u> Wang Y, Terrell AM, Riggio BA, Anand D, Lachke SA , Duncan MK. Invest Ophthalmol Vis Sci. 2017 Aug 1;58(10):3896-3922. doi: 10.1167/iovs.17-2172
2017	<u>Transcriptome analysis of developing lens reveals abundance of novel transcripts and extensive splicing alterations.</u> Srivastava R, Budak G, Dash S, Lachke SA , Janga SC. Sci Rep. 2017 Sep 14;7(1):11572. doi: 10.1038/s41598-017-10615-4.
2017	<u>Exome sequencing provides additional evidence for the involvement of ARHGAP29 in Mendelian orofacial clefting and extends the phenotypic spectrum to isolated cleft palate.</u> Liu H, Busch T, Eliason S, Anand D, Bullard S, Gowans LJJ, Nidey N, Petrin A, Augustine-Akpan EA, Saadi I, Dunnwald M, Lachke SA , Zhu Y, Adeyemo A, Amendt B, Roscioli T, Cornell R, Murray J, Butali A. Birth Defects Res. 2017 Jan 20;109(1):27-37. doi: 10.1002/bdra.23596
2017	<u>Legionella Effector AnkX Disrupts Host Cell Endocytic Recycling in a Phosphocholination-Dependent Manner.</u> Allgood SC, Romero Dueñas BP, Noll RR, Pike C, Lein S, Neunuebel MR . Front Cell Infect Microbiol. 2017 Sep 8;7:397. doi: 10.3389/fcimb.2017.00397
2017	<u>CK2.1, a bone morphogenetic protein receptor type Ia mimetic peptide, repairs cartilage in mice with destabilized medial meniscus.</u> Akkiraju H, Srinivasan PP, Xu X, Jia X, Safran CBK, Nohe A . Stem Cell Res Ther. 2017 Apr 18;8(1):82. doi: 10.1186/s13287-017-0537-y
2017	<u>Mathematical modeling of the effects of CK2.3 on mineralization in osteoporotic bone.</u> Lisberg A, Ellis R, Nicholson K, Moku P, Swarup A, Dhurjati P, Nohe A . CPT Pharmacometrics Syst Pharmacol. 2017 Mar;6(3):208-215. doi: 10.1002/psp4.12154
2017	<u>CK2.1, a novel peptide, induces articular cartilage formation in vivo.</u> Akkiraju H, Bonor J, Nohe A . J Orthop Res. 2017 Apr;35(4):876-885. doi: 10.1002/jor.23342
2017	<u>Purinergic Receptor Expression and Cellular Responses to Purinergic Agonists in Human Prostate Cancer Cells.</u> Lertsuwan K, Peters W, Johnson L, Lertsuwan J, Marwa I, Sikes RA . Anticancer Res. 2017 Feb;37(2):529-537
2017	<u>Identification of Fibulin-1 as a Human Bone Marrow Stromal (HS-5) Cell-Derived Factor That Induces Human Prostate Cancer Cell Death.</u> Lertsuwan K, Choe LH, Marwa IR, Lee K, Sikes RA . Prostate. 2017 May;77(7):729-742. doi: 10.1002/pros.23303

Year	Graduate Student Publication
2017	<u>Nicotinic acid inhibits glioma invasion by facilitating Snail1 degradation.</u> Li J, Qu J, Shi Y, Perfetto M, Ping Z, Christian L, Niu H, Mei S, Zhang Q, Yang X, Wei S. Sci Rep. 2017 Mar 3;7:43173. doi: 10.1038/srep43173
2017	<u>Vaccine Effects on Heterogeneity in Susceptibility and Implications for Population Health Management.</u> Langwig KE, Wargo AR, Jones DR, Viss JR, Rutan BJ, Egan NA , Sá-Guimarães P, Kim MS, Kurath G, Gomes MGM, Lipsitch M. MBio. 2017 Nov 21;8(6). pii: e00796-17. doi: 10.1128/mBio.00796-17. PMID:29162706
2017	<u>Exosomal Communication During Infection, Inflammation and Virus-Associated Pathology.</u> J Cancer Ther Sci. 1(1): Neerukonda S.N., Egan N.A. , Parcels M.S. (2017).
2017	<u>Factors that Affect the Osteoclastogenesis of RAW264.7 cells.</u> J Biochem Analyt Stud. 2017;2(1). Nguyen J, Nohe A