

## Professional Journal Publications

2021

Number of publications = 9

**Boldfaced** names represent Bioengineering undergraduate students

**Cook A**, Hemler S, Sundaram V, Chanda A, and Beschorner K (2021). *Differences in friction performance between new and worn shoes*. IISE Transactions on Occupational Ergonomics and Human Factors, <https://doi.org/10.1080/24725838.2021.1925998>

**Dubaniewicz MT**, Eles JR, Lam S, Song S, Cambi F, Sun D, Wellman SM, and Kozai TDY (2021). *Inhibition of Na<sup>+</sup>/H<sup>+</sup> exchanger modulates microglial activation and scar formation following microelectrode implantation*. Journal of Neural Engineering, 18(4)

Shen Y, Pena A, Kudryashova T, Goncharov D, Avolio T, Chang B, Mora AL, Baust J, Chavez Barragan A, Ray A, Okorie E, **Grunblatt S**, **Kart M**, Rhode A, and Goncharova EA (2021). *Smooth Muscle Tsc2 Deficiency Leads to Early Onset of Spontaneous Pulmonary Hypertension and Represents Attractive Molecular Target for Therapeutic Intervention*. American Journal of Respiratory and Critical Care Medicine, 203:A1065

Bowen S, **Dutta A**, Rytel K, Abramowitch S, Rogers R, and Moalli P (2021). *3D Quantitative Analysis of Normal Clitoral Anatomy in Nulliparous Women on MRI*. International Urogynecology Journal, doi: 10.1007/s00192-022-05172-y

Li J, **Mountz E**, Mizuno A, Shah A, Weinstein A, Cohen A, Klunk W, Snitz B, Aizenstein H, and Karim H (2021). *Neural asymmetry during memory encoding and its association with markers of preclinical Alzheimer's Disease*. medRxiv, the preprint server for health sciences, doi: <https://doi.org/10.1101/2021.06.02.21258020>

Chinnapaka S, **Yang KS**, Flowers Q, Faisal M, Nerone WV, Rubin JP, and Ejaz A (2021). *Metformin Improves Stemness of Human Adipose-Derived Stem Cells by Downmodulation of Mechanistic Target of Rapamycin (mTOR) and Extracellular Signal-Regulated Kinase (ERK) Signaling*. Biomedicines, 9(12): 1782

Chinnapaka S, **Yang KS**, Samadi Y, Epperly MW, Hou W, Greenberger JS, Ejaz A, and Rubin JP (2021). *Allogeneic Adipose-Derived Stem Cells Mitigate Acute Radiation Syndrome by the Rescue of Damaged Bone Marrow Cells from Apoptosis*. Stem Cells Translational Medicine, 10(7): 1095-1114

Levenson JC, Ford AH, Reyes Z, Mukundan A, **Patel G**, Bahary S, Miller E (2021). *Designing Adolescent Sleep Interventions with Stakeholder Input*. Sleep Health, 7(5): 581-587

Barndt RJ, Ma N, Tang Y, **Haugh MP**, **Alamri LS**, Chan SY, Wu H (2021). *Modeling of dilated cardiomyopathy by establishment of isogenic human iPSC lines carrying phospholamban C25T (R9C) mutation (UPITTi002-A-1) using CRISPR/Cas9 editing*. Stem Cell Research, 56: 102544