

Recent Faculty Publications

1. Baravkar SB, Lu Y, Masoud AR, Zhao Q, He J, Hong S. Development of a Novel Covalently Bonded Conjugate of Caprylic Acid Tripeptide (IsoleucineLeucine-Aspartic Acid) for Wound-Compatible and Injectable Hydrogel to Accelerate Healing. *Biomolecules*. 2024 Jan 11;14(1):94. doi: 10.3390/ biom14010094. PMID: 38254694; PMCID: PMC10813153.
2. Doiron JE, Li Z, Yu X, LaPenna KB, Quiriarte H, Allerton TD, Koul K, Malek A, Shah SJ, Sharp TE, Goodchild TT, Kapusta DR, Lefer DJ. Early Renal Denervation Attenuates Cardiac Dysfunction in Heart Failure With Preserved Ejection Fraction. *J Am Heart Assoc*. 2024 Feb 20;13(4):e032646. doi: 10.1161/JAHA.123.032646. Epub 2024 Feb 14. PMID: 38353216.
3. Flanagan TW, Foster TP, Galbato TE, Lum PY, Louie B, Song G, Halberstadt AL, Billac GB, Nichols CD. Serotonin-2 Receptor Agonists Produce Anti-inflammatory Effects through Functionally Selective Mechanisms That Involve the Suppression of Disease-Induced Arginase 1 Expression. *ACS Pharmacol Transl Sci*. 2024 Jan 25;7(2):478-492. doi: 10.1021/acsptsci.3c00297. PMID: 38357283; PMCID: PMC10863441.
4. Maginnis C, Root C, Schiavo JH, Ierulli VK, Vopat B, Mulcahey MK. Analysis of Graft Types Augmented With an Internal Brace for ACL Reconstruction: A Systematic Review. *Am J Sports Med*. 2024 Jan 25:3635465231196157. doi: 10.1177/03635465231196157. Epub ahead of print. PMID: 38269417.
5. Palines PA, Doran HE, Schwartzberg HG, Melancon DM, Bartow MJ, Aslam R, St.Hilaire H. Virtual Surgical Planning Facilitates Surgical Resection in Mandibular Osteoradionecrosis and Optimize Reconstructive Outcomes. *FACE*. 2024;5(1):112-121. doi:10.1177/27325016231218672

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6. Rhodes RH, Love GL, Da Silva Lameira F, Sadough Shahmirzadi M, Fox SE, Vander Heide RS. Acute neutrophilic vasculitis (leukocytoclasia) in 36 COVID-19 autopsy brains. *Diagn Pathol*. 2024 Feb 15;19(1):33. doi: 10.1186/s13000-024-01445-w. PMID: 38360666; PMCID: PMC10870569.
7. Shen L, Gao L, Swoboda AR, Ouellette SP. Targeted repression of DNA topoisomerase I by CRISPRi reveals a critical function for it in the *Chlamydia trachomatis* developmental cycle. *bioRxiv* [Preprint]. 2023 Mar 14:2023.03.14.532001. doi: 10.1101/2023.03.14.532001. Update in: *mBio*. 2024 Jan 24;:e0258423. PMID: 36993624; PMCID: PMC10054935.
8. Wilson JM, Shelvin KB, Lawhon SE, Crabill GA, Hayden EA, Velandar AJ. Safety and timing of early therapeutic anticoagulation therapy after craniotomy. *Surg Neurol Int*. 2024 Feb 2;15:31. doi: 10.25259/SNI_887_2023. PMID: 38468647; PMCID: PMC10927226.