

Curriculum Vitae

Gabrielle Henslee, Ph.D.
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Education

Ph.D. in Integrative Molecular and Biomedical Sciences, Baylor College of Medicine

Teaching Experience

Fall 2023 – present College of the Mainland Texas City, Texas
Adjunct Professor – Biology

Fall 2023 – present Lee College Baytown, Texas
Adjunct Professor – Biology

Significant Publications

NCBI bibliography available at
<https://www.ncbi.nlm.nih.gov/myncbi/16G6dtUsXihkz/bibliography/public/>

Henslee G, Williams CL, Liu P, Bertuch AA. Identification and characterization of novel ACD variants: modulation of TPP1 protein level offsets the impact of germline loss-of-function variants on telomere length. *Cold Spring Harb Mol Case Stud.* 2021 Feb 19;7(1):a005454. doi: 10.1101/mcs.a005454. PMID: 33446513; PMCID: PMC7903889.

Alvarez-Urena P, Zhu B, **Henslee G**, Sonnet C, Davis E, Sevick-Muraca E, Davis A, Olmsted-Davis E. Development of a Cell-Based Gene Therapy Approach to Selectively Turn Off Bone Formation. *J Cell Biochem.* 2017 Nov;118(11):3627-3634. doi: 10.1002/jcb.26220. Epub 2017 Jul 31. PMID: 28621436; PMCID: PMC5963686.

Alvarez-Urena P, Davis E, Sonnet C, **Henslee G**, Gugala Z, Strecker EV, Linscheid LJ, Cuchiara M, West J, Davis A, Olmsted-Davis E. Encapsulation of Adenovirus BMP2-Transduced Cells with PEGDA Hydrogels Allows Bone Formation in the Presence of Immune Response. *Tissue Eng Part A.* 2017 Mar;23(5-6):177-184. doi: 10.1089/ten.TEA.2016.0277. Epub 2017 Jan 25. PMID: 27967655; PMCID: PMC6016100.

Davis EL, Sonnet C, Lazard ZW, **Henslee G**, Gugala Z, Salisbury EA, Strecker EV, Davis TA, Forsberg JA, Davis AR, Olmsted-Davis EA. Location-dependent heterotopic ossification in the rat model: The role of activated matrix metalloproteinase 9. *J Orthop Res.* 2016 Nov;34(11):1894-1904. doi: 10.1002/jor.23216. Epub 2016 Mar 14. PMID: 26919547; PMCID: PMC5001934.

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Seaberg B, **Henslee G**, Wang S, Paez-Colasante X, Landreth GE, Rimer M. Muscle-derived extracellular signal-regulated kinases 1 and 2 are required for the maintenance of adult myofibers and their neuromuscular junctions. *Mol Cell Biol.* 2015 Apr;35(7):1238-53. doi: 10.1128/MCB.01071-14. Epub 2015 Jan 20. PMID: 25605336; PMCID: PMC4355524.