

PRECLINICAL | TRANSLATIONAL Notable Publications

The team at Franklin Biolabs has a long history of world-class translational research and innovation in genetic medicine from their time in Dr. Jim Wilson's academic program. Several notable publications from that period are highlighted below. Building on this rich legacy of scientific excellence, the team at Franklin is excited to support your next project and accelerate your advanced therapy from discovery to commercialization.

- Gao GP et al. Novel Adeno-Associated Viruses from Rhesus Monkeys as Vectors for Human Gene Therapy. Proc Natl Acad Sci USA, 99(18):11854-11859, 2002. PMID: 12192090
- Greig JA et al. Impact of intravenous infusion time on AAV8 vector pharmacokinetics, safety, and liver transduction in cynomolgus macaques. Mol Ther Clin Dev, 3:16079, 2016. PMID: 27933307
- Greig JA et al. Optimized Adeno-Associated Virus-Mediated Human Factor VIII Gene Therapy in Cynomolgus Macaques. Hum Gene Ther. Dec;29(12):1364-1375, 2018. PMID: 29890905
- Hinderer C et al. Evaluation of intrathecal routes of administration for adeno-associated virus vectors in large animals. Hum Gene Ther, Jan;29(1):15-24, 2018. PMID: 28806897
- Katz N et al. Standardized method for intra-cisterna magna delivery under fluoroscopic guidance in nonhuman primates. Hum Gene Ther Methods. Oct;29(5):212-219, 2018. PMID: 30032644
- Hordeaux J et al. Adeno-Associated Virus-Induced Dorsal Root Ganglion Pathology. Hum Gene Ther, Aug;31(15-16):808-818, 2020. PMID: 32845779
- Wang L et al. Long-term stable reduction of low-density lipoprotein in nonhuman primates following in vivo genome editing of PCSK9. Mol Ther. 2021 Jun 2;29(6):2019-2029. Epub 2021 Feb 18. PMID: 33609733
- Hordeaux J et al. Efficacy and safety of a cerebrospinal fluid-delivered gene therapy for treating Krabbe disease. Hum Gene Ther. 2022 May;33(9-10):499-517. Epub 2022 Mar 22. PMID: 35333110
- Greig JA et al. Integrated vector genomes may contribute to long-term expression in primate liver after AAV administration. Nat Biotech. 2024 Aug;42(8):1232-1242. Epub 2023 Nov 6. PMID: 37932420
- Werner MS et al. Adeno-associated virus-mediated trastuzumab delivery to the central nervous system for human epidermal growth factor receptor 2+ brain metastasis. Cancer Gene Ther. 2024 May;31(5):766-777. Epub 2024 Mar 13. PMID: 38480976

For a full list of publications, visit Dr. Wilson's [PubMed bibliography](#).

