Franklin Biolabs

BIOANALYTICS Notable Publications

The team at Franklin Biolabs has a long history of world-class research and innovation in genetic medicine bioanalysis 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.

- Calcedo R et al. Worldwide Epidemiology of Neutralizing Antibodies to Adeno-Associated Viruses. J Infect Dis, 199(3):381-390, 2009. PMID: 19133809
- Somanathan S et al. AAV Vectors Avoid Inflammatory Signals Necessary to Render Transduced Hepatocytes Targets for Destructive T Cells. Mol Ther, May; 18(5):977-982, 2010. PMID: 20234342
- Calcedo R et al. Adeno-associated virus antibody profiles in newborns, children and adolescents. Clin Vac Immunol, Sep; 18(9):1586-1588, 2011. PMID: 21775517
- Wang L et al. Impact of Pre-existing Immunity on gene transfer to nonhuman primate liver with adeno-associated virus 8 vectors. Hum Gene Ther, Nov; 22(11):1389-401, 2011. PMID: 21476868
- Calcedo R et al. Preexisting Neutralizing Antibodies to Adeno-Associated Virus Capsids in Large Animals Other Than Monkeys May Confound In Vivo Gene Therapy Studies. Hum Gene Ther Methods, Jun;26(3):103-5, 2015. PMID: 26067568
- Greig JA et al. AAV8 Gene Therapy for Crigler-Najjar Syndrome in Macaques Elicited Transgene T Cell Responses That Are Resident to the Liver. Mol Ther Methods Clin Dev, Dec 5;11:191-201, 2018. PMID: 30547050
- Calcedo R et al. Assessment of Humoral, Innate, and T-Cell Immune Responses to Adeno-Associated Virus Vectors. Hum Gene Ther Methods, Apr;29(2):86-95, 2018. PMID: 29668327
- Ashley SN et al. TLR9 signaling mediates adaptive immunity against transgene products following systemic AAV gene therapy. Cell Immunol, Dec;346:103997, 2019. PMID: 31703913
- Giles AR et al. Isolating Human Monoclonal Antibodies Against Adeno-Associated Virus From Donors With Pre-existing Immunity. Front Immunol, Jul 7;11:1135, 2020. PMID: 32733434
- Hordeaux J et al. Immune transgene-dependent myocarditis in macaques after systemic administration of adenoassociated virus expressing human acid alpha-glucosidase. Front Immunol. 2023 Mar 22;14:1094279.PMID: 37033976

For a full list of publications, visit Dr. Wilson's **PubMed bibliography**.

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