

Dr Yuan Zhao

Publications

Satkunanathan S, Wheeler J, Thorpe R and Zhao Y 2014. Establishment of a novel cell line for the enhanced production of recombinant Adeno-associated virus vectors for gene therapy. *Human Gene Therapy*, 2014 Sep 11 [Epub ahead of print].

Werling N, Thorpe R and Zhao Y 2013. A systematic approach to the establishment and characterisation of endothelial progenitor cells for gene therapy. *Human Gene Therapy Method*, 24:171-184.

Tsolakos N, Techanukul T, Wallington A, Zhao Y, Jones C, Nagy J, Wheeler JX. 2009 Comparison of two combinations of cyanine dyes for prelabelling and gel electrophoresis. *Proteomics* 9:1727-30.

Zhao, Y., Keating, K., Dolman, C., & Thorpe, R. C. 2008, "Characterization of complete particles (VSV-G/SIN-GFP) and empty particles (VSV-G/EMPTY) in human immunodeficiency virus type 1-based lentiviral products for gene therapy: Potential applications for improvement of product quality and safety", *Human Gene Therapy*, vol. 19, no. 5, pp. 475-486.

Zhao, Y., Keating, K., & Thorpe, R. 2007, "Comparison of toxicogenomic profiles of two murine strains treated with HIV-1-based vectors for gene therapy", *Toxicology and Applied Pharmacology*, vol. 225, no. 2, pp. 189-197.

Wheeler, J. X., Jones, C., Thorpe, R., & Zhao, Y. 2007, "Proteomics analysis of cellular components in lentiviral vector production using Gel-LC-MS/MS", *Proteomics Clinical Applications*, vol. 1, no. 2, pp. 224-230.

Kiermer V, Borellini F, Lu X, **Zhao Y** et al and Carson K. Issues for developing assays and reference materials for detecting replication-competent Lentivirus in production lots of lentivirus vectors. **BioProcessing J** vol. 4, pp. 39-42.

Zhao Y, Azam S, Thorpe R Comparative studies on cellular gene regulation by HIV-1 based vectors: implications for quality control of vector production. *Gene Therapy*. 2005 Feb:12(4):311-9.

Davidoff, Ng, Azam S, Zhao Y et al Purification of recombinant adeno-associated virus type 5 and 8 with a novel scalable membrane based ion exchange chromatography method. *J. Vir Methods*, Vol 121: 209-215, 2004.

Zhao Y and Thorpe R Standardisation of gene therapy products: practical considerations and perspectives. BioProcessing J Vol 3:21-25, 2004.

