Dual functionalized liposome-mediated gene delivery across triple co-culture blood brain barrier model and specific in vivo neuronal transfection

Bruna dos Santos Rodrigues, Hiroshi Oue, Amrita Banerjee, Takahisa Kanekiyo, Jagdish Singh

PII: S0168-3659(18)30445-0
DOI: doi:10.1016/j.jconrel.2018.07.043
Reference: COREL 9403

To appear in: *Journal of Controlled Release*

Received date: 25 January 2018
Revised date: 12 July 2018
Accepted date: 27 July 2018

Please cite this article as: Bruna dos Santos Rodrigues, Hiroshi Oue, Amrita Banerjee, Takahisa Kanekiyo, Jagdish Singh , Dual functionalized liposome-mediated gene delivery across triple co-culture blood brain barrier model and specific in vivo neuronal transfection. Corel (2018), doi:10.1016/j.jconrel.2018.07.043

Dual functionalized liposome-mediated gene delivery across triple co-culture blood brain barrier model and specific *in vivo* neuronal transfection

Bruna dos Santos Rodrigues[a], Hiroshi Oue[b], Amrita Banerjee[a], Takahisa Kanekiyo[b] & Jagdish Singh[a,*]

[a]Department of Pharmaceutical Sciences, School of Pharmacy, College of Health Professions, North Dakota State University, Fargo ND 58105, USA

[b]Department of Neuroscience, Mayo Clinic, 4500 San Pablo Road, Jacksonville, FL 32224, USA

*Corresponding author:

E-mail: jagdish.singh@ndsu.edu. Phone: +1-701-231-7943. Fax: +1-701-231-8333.