Accepted Manuscript

A fluorescence-based imaging approach to pharmacokinetic analysis of intracochlear drug delivery

Andrew M. Ayoob, Marcello Peppi, Vishal Tandon, Robert Langer, Jeffrey T. Borenstein

PII: S0378-5955(17)30640-8

DOI: 10.1016/j.heares.2018.03.026

Reference: HEARES 7529

To appear in: *Hearing Research*

Received Date: 21 December 2017

Revised Date: 21 March 2018

Accepted Date: 28 March 2018

Please cite this article as: Ayoob, A.M., Peppi, M., Tandon, V., Langer, R., Borenstein, J.T., A fluorescence-based imaging approach to pharmacokinetic analysis of intracochlear drug delivery, *Hearing Research* (2018), doi: 10.1016/j.heares.2018.03.026.

A fluorescence-based imaging approach to pharmacokinetic analysis of intracochlear drug delivery

Andrew M. Ayoob[1,2,3], Marcello Peppi[1,2], Vishal Tandon[2], Robert Langer[3], Jeffrey T. Borenstein[2]*

[1] Eaton Peabody Laboratory, Department of Otolaryngology, Massachusetts Eye and Ear Infirmary, 243 Charles Street, Boston MA 02214

[2] Biomedical Engineering Center, Charles Stark Draper Laboratory, 555 Technology Square, Cambridge MA 02139

[3] David H. Koch Institute for Integrative Cancer Research, Massachusetts Institute of Technology, 500 Main Street, Cambridge MA 0214

[*] Corresponding author: jborenstein@draper.com

Abstract