Dabigatran reduces endothelial permeability through inhibition of thrombin-induced cytoskeleton reorganization

Hyun-Jung Choi, Na-Eun Kim, Jayoung Kim, Sunho An, Seung-Hee Yang, Jimin Ha, Sunghee Cho, Il Kwon, Young Dae Kim, Hyo Suk Nam, Ji Hoe Heo

PII: S0049-3848(18)30324-4
DOI: doi:10.1016/j.thromres.2018.04.019
Reference: TR 7013

To appear in: *Thrombosis Research*

Received date: 6 February 2018
Revised date: 28 March 2018
Accepted date: 18 April 2018

Please cite this article as: Hyun-Jung Choi, Na-Eun Kim, Jayoung Kim, Sunho An, Seung-Hee Yang, Jimin Ha, Sunghee Cho, Il Kwon, Young Dae Kim, Hyo Suk Nam, Ji Hoe Heo , Dabigatran reduces endothelial permeability through inhibition of thrombin-induced cytoskeleton reorganization. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Tr(2018), doi:10.1016/j.thromres.2018.04.019

Dabigatran reduces endothelial permeability through inhibition of thrombin-induced cytoskeleton reorganization

Hyun-Jung Choi[1]; Na-Eun Kim[1]; Jayoung Kim[1]; Sunho An[1,4]; Seung-Hee Yang[1]; Jimin Ha[1,4]; Sunghee Cho[5]; Il Kwon[1,3]; Young Dae Kim[1,2]; Hyo Suk Nam[1,2]; Ji Hoe Heo[1,2,3,4]

[1] Severance Integrative Research Institute for Cerebral & Cardiovascular Diseases, Yonsei University College of Medicine, Seoul, Korea, [2]Department of Neurology, Yonsei University College of Medicine, Seoul, Korea, [3]Severance Biomedical Science Institute, Yonsei University College of Medicine, Seoul, Korea, [4]Brain Korea 21 Plus Project for Medical Science, Yonsei University, Seoul, 03722, Korea [5]The Burke-Cornell Medical Research Institute, White Plains, New York, 10605 and the Feil Family Brain and Mind Research Institute, Weill Cornell Medical college, New York, New York, 10021

Running Title: Dabigatran inhibits thrombin-induced endothelial permeability

Correspondence to:

Ji Hoe Heo, MD, PhD

Department of Neurology, Yonsei University College of Medicine

50-1 Yonsei-ro, Seodaemun-gu, Seoul, 120-752, Republic of Korea

Tel.: +82 2-2228-1605, Fax: +82 2-2227-7906, E-mail: jhheo@yuhs.ac