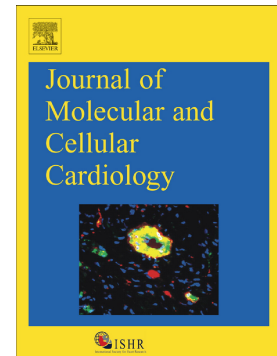


Accepted Manuscript

β -arrestin-biased agonism of β -adrenergic receptor regulates Dicer-mediated microRNA maturation to promote cardioprotective signaling

Jian-Peng Teoh, Ahmed S. Bayoumi, Tatsuya Aonuma, Yanyan Xu, John A. Johnson, Huabo Su, Neal L. Weintraub, Yaoliang Tang, Il-Man Kim



PII: S0022-2828(18)30095-6
DOI: doi:[10.1016/j.yjmcc.2018.04.001](https://doi.org/10.1016/j.yjmcc.2018.04.001)
Reference: YJMCC 8712

To appear in: *Journal of Molecular and Cellular Cardiology*

Received date: 14 December 2017
Revised date: 28 March 2018
Accepted date: 2 April 2018

Please cite this article as: Jian-Peng Teoh, Ahmed S. Bayoumi, Tatsuya Aonuma, Yanyan Xu, John A. Johnson, Huabo Su, Neal L. Weintraub, Yaoliang Tang, Il-Man Kim, β -arrestin-biased agonism of β -adrenergic receptor regulates Dicer-mediated microRNA maturation to promote cardioprotective signaling. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. *Yjmcc*(2018), doi:[10.1016/j.yjmcc.2018.04.001](https://doi.org/10.1016/j.yjmcc.2018.04.001)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

β -arrestin-biased agonism of β -adrenergic receptor regulates Dicer-mediated microRNA maturation to promote cardioprotective signaling

Jian-peng Teoh^{1,§}, Ahmed S. Bayoumi¹, Tatsuya Aonuma¹, Yanyan Xu¹, John A. Johnson², Huabo Su^{1,2}, Neal L. Weintraub^{1,3}, Yaoliang Tang^{1,3}, and Il-man Kim^{1,4,*}

¹Vascular Biology Center, ²Department of Pharmacology and Toxicology, ³Department of Medicine, and ⁴Department of Biochemistry and Molecular Biology, Medical College of Georgia, Augusta University, Augusta, GA 30912, USA

[§]Present address: University of California at Davis, Davis, CA

*Address for correspondence:

Il-man Kim, Ph.D.

Vascular Biology Center & Department of Biochemistry and Molecular Biology

Medical College of Georgia

Augusta University

CB-3717

1459 Laney Walker Blvd

Augusta, GA, 30912, USA

Tel: (706) 721-9414

FAX: (706) 721-9799

Email: ilkim@augusta.edu

Download English Version:

<https://daneshyari.com/en/article/8473450>

Download Persian Version:

<https://daneshyari.com/article/8473450>

[Daneshyari.com](https://daneshyari.com)