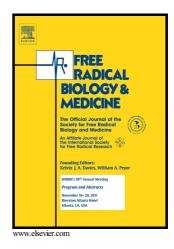
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# A New Bioluminescent Imaging Technology for Studying Oxidative Stress in the Testis and Its Impacts on Fertility

Qixiang Ma<sup>a</sup>, Haozhen Shao<sup>a</sup>, Yanyan Feng<sup>a</sup>, Linpeng Zhang<sup>b</sup>, Pengshou Li<sup>a</sup>, Xiaowei Hu<sup>a</sup>, Zhitao Ma<sup>a</sup>, Hua Lou<sup>c</sup>, Xianwei Zeng<sup>b\*</sup>, Guangbin Luo<sup>a,c\*\*</sup>

<sup>a</sup>School of Life Sciences, Centre for Translational Oncology, Beijing University of Chinese Medicine, Chaoyang 100029, Beijing, China

<sup>b</sup>Shandong Stroke Association, Affiliated Hospitals of Weifang Medical College, Shandong, China

<sup>c</sup>Department of Genetics and Genome Sciences, Case Comprehensive Cancer Center, Case Western Reserve University, Cleveland, OH 44106, USA

Email: zengxwei@163.com Email: guangbin.luo@case.edu

\*Correspondence to: Xianwei Zeng, Shandong Stroke Association, Affiliated Hospitals of Weifang Medical College, Shandong, China. Tel.: 86-0536-2996695, Fax: 86-0536-2996695

\*\***Correspondence to: Guangbin Luo,** School of Life Sciences, Centre for Translational Oncology, Beijing University of Chinese Medicine, Chaoyang 100029, Beijing, China. Tel.: 1-(216)-368-4883, Fax: 1-(216)-368-3432.

#### Abstract

#### Purpose

Excessive oxidative stress (OS) leads to cellular dysfunctions and cell death and constitutes a major cause of male infertility. However, the etiologies of increased ROS in male infertility is not fully understood. One major limitation is the lack of an *in vivo* imaging system that can be used to effectively study the impact of excessive ROS in the testis. Recently, we discovered that the hepatocellular

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