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

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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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