

Accepted Manuscript

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PII: S0006-291X(17)30449-7

DOI: [10.1016/j.bbrc.2017.03.010](https://doi.org/10.1016/j.bbrc.2017.03.010)

Reference: YBBRC 37397

To appear in: *Biochemical and Biophysical Research Communications*

Received Date: 22 February 2017

Accepted Date: 4 March 2017

Please cite this article as: Z. Wang, L. Hou, L. Huang, J. Guo, X. Zhou, Exenatide improves liver mitochondrial dysfunction and insulin resistance by reducing oxidative stress in high fat diet-induced obese mice, *Biochemical and Biophysical Research Communications* (2017), doi: 10.1016/j.bbrc.2017.03.010.

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Exenatide Improves Liver Mitochondrial Dysfunction and Insulin Resistance by Reducing Oxidative Stress in High Fat Diet-induced Obese Mice

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Abbreviations: NAFLD. nonalcoholic fatty liver disease ; GLP. Glucagon-like peptide ; OGTT. Oral glucose tolerance tests; IPITT. intraperitoneal insulin tolerance tests ; TC. Serum total cholesterol; TG. triglycerides ; LDL. low-density lipoprotein ; HDL. high-density lipoprotein ; AST. aspartate transaminase ; ALT. alanine transaminase ; GA%. Glycated albumin ; RC. mitochondrial respiratory chain ; CS. Citrate synthase; EC. energy charge; VCO₂. production of carbon dioxide; VO₂. oxygen consumption ; RQ. respiratory quotient; BMR. basic metabolic rate .

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