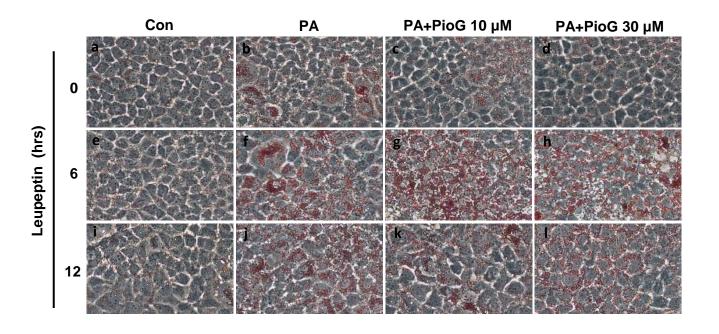
## Pioglitazone Enhances Cytosolic Lipolysis, β-oxidation and Autophagy to

## **Ameliorate Hepatic Steatosis**

Pi-Jung Hsiao<sup>1, 4</sup>, Hsin-Ying Clair Chiou<sup>1</sup>, He-Jiun Jiang<sup>1</sup>, Mei-Yueh Lee<sup>1, 4</sup>, Tusty-Jiuan Hsieh<sup>2, 4</sup>, Kung-Kai Kuo<sup>3, 4</sup>

<sup>1</sup>Division of Endocrinology and Metabolism, Department of Internal Medicine; Kaohsiung Medical University Hospital; <sup>2</sup>Graduate Institute of Medicine, Kaohsiung Medical University; <sup>3</sup>Hepatobiliary Division, Department of Surgery, Kaohsiung Medical University Hospital; <sup>4</sup>School of Medicine, College of Medicine, Kaohsiung Medical University



Supplementary Fig. S1: Leupeptin inhibits lipophagy induced by pioglitazone. AML12 cells, incubated with PA and pioglitazone as indicated for 48 hours, were then treated with leupeptin (100  $\mu$ M) for 6 and 12 hours. The lipid content was determined by Oil-red O stain. Magnifications, 200X.