

Rat Hepatocytes Protect against Lead–Cadmium-Triggered Apoptosis Based on Autophagy Activation

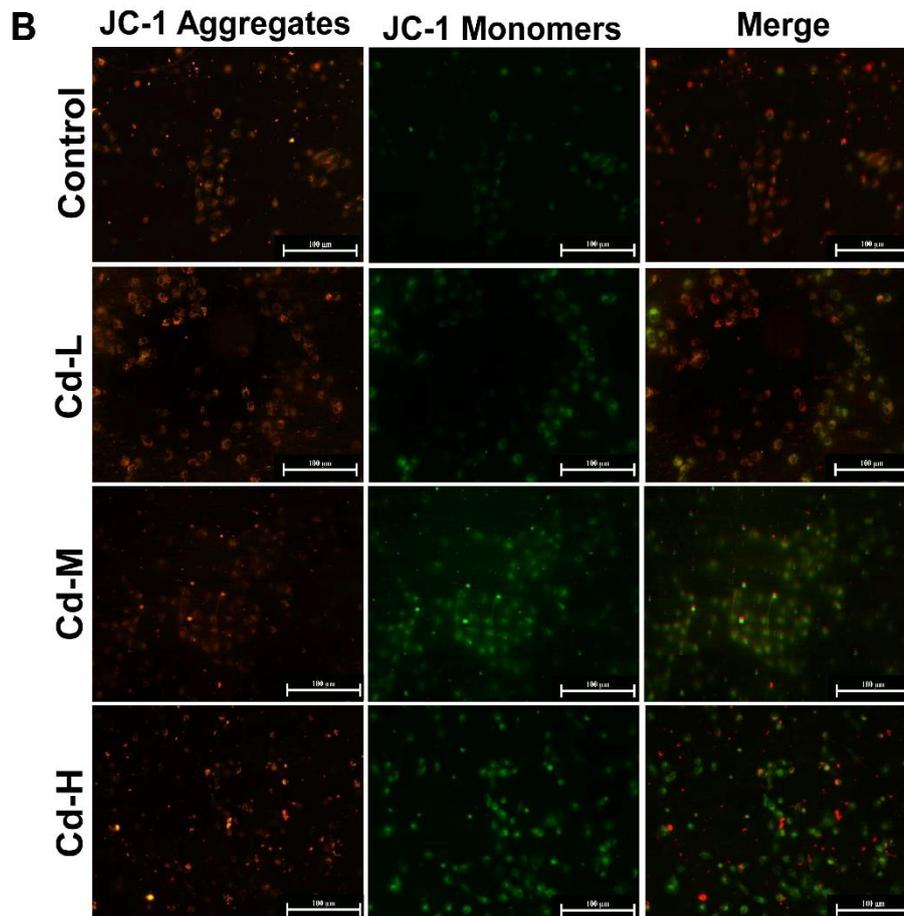
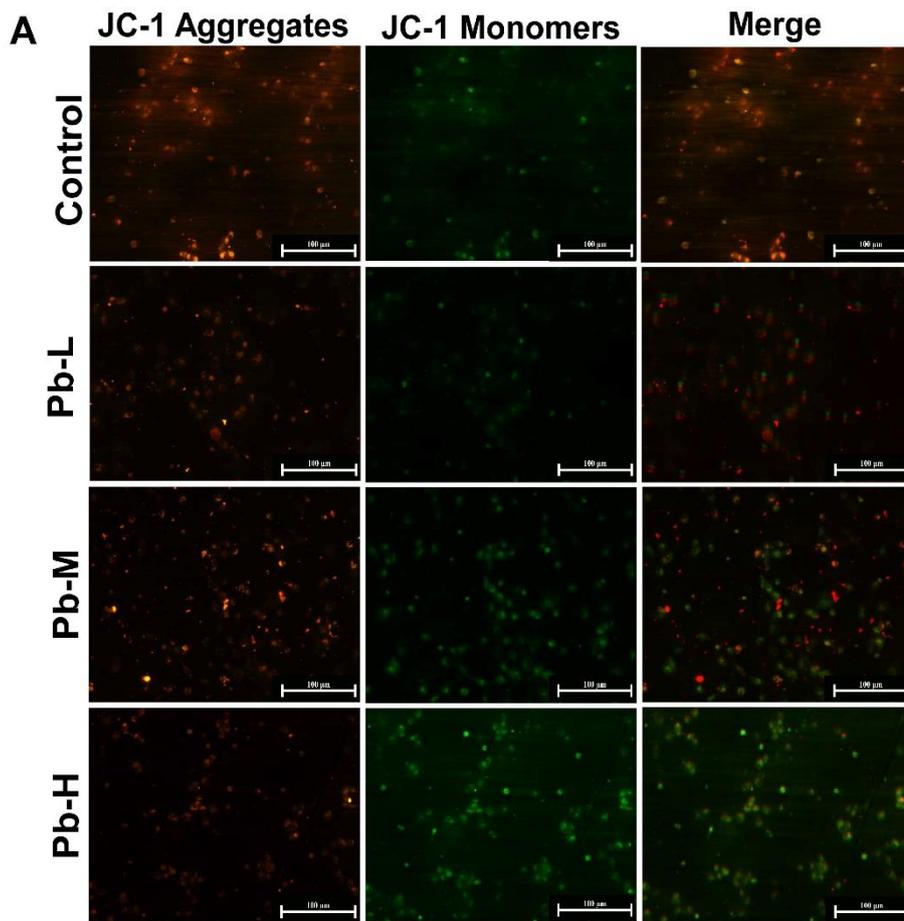
Junshu Xue^{1†}, Huimao Liu^{1†}, Tianyi Yin^{1†}, Xun Zhou¹, Xu Song¹, Yuanfeng Zou¹, Lixia Li¹, Renyong Jia², Yuping Fu¹, Xinghong Zhao¹, Zhongqiong Yin^{1*}

¹ Natural Medicine Research Center, College of Veterinary Medicine, Sichuan Agricultural University, Chengdu, 611130, China

² Key Laboratory of Animal Disease and Human Health of Sichuan Province, Sichuan Agricultural University, Chengdu, 611130, China

* Corresponding author. E-mail: yinzhongq@163.com

† These authors contributed equally to this work



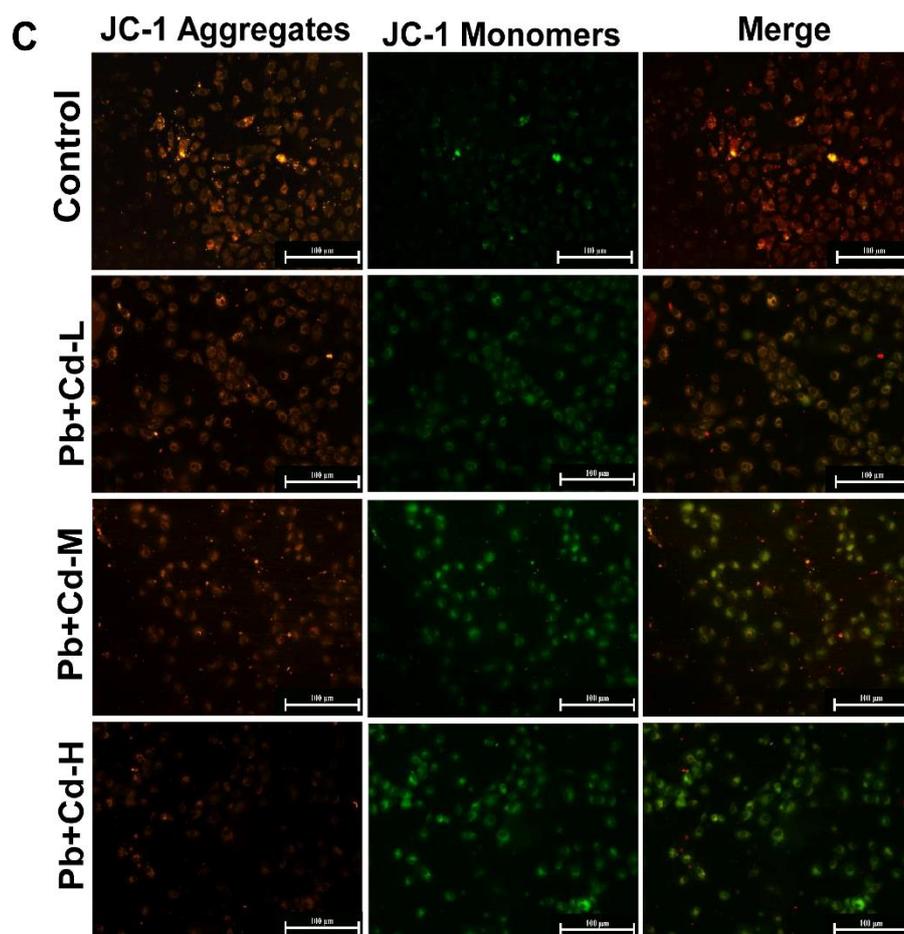


Figure S1. Effects of Pb and Cd on MMP level in BRL-3A cells. (A–C) The MMP expression level of the BRL-3A cells after Pb and Cd exposure (scale bar = 100 μm). Decrease in MMP indicated by the shift from red to green fluorescence of JC-1.