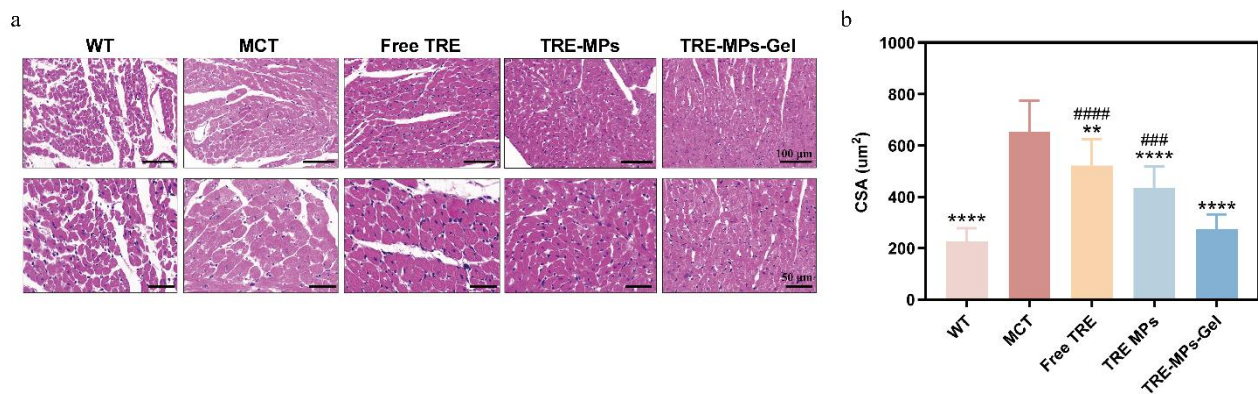




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75 **Figure S6** Assessment of right ventricular cardiomyocyte hypertrophy in the MCT-induced rat model.

76 (a) H&E staining of paraffin-embedded right ventricular sections, with nuclei stained blue and

77 cytoplasm and extracellular matrix stained red. Scale bars: 100 μm and 50 μm, respectively. (b) CSA.

78 Rats received IM injections every 3 days for 2 weeks at TRE doses of 0.8 mg/kg. Data are given as

79 mean ± SD, $n = 5$. $**P < 0.01$, $****P < 0.0001$ vs. MCT group; $###P < 0.001$, $####P < 0.0001$ vs. TRE-

80 MPs-Gel group; ns, not significant.