Supplementary Material

Astaxanthin Complexes to Attenuate Muscle Damage after In Vivo Femoral Ischemia-Reperfusion

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Supplementary Figures

Figure S1: (A) Calibration curve of CD-A at concentration ranging from 0-15 µM measure at an absorbance of 472 nm. (B) Calibration curve of CD-A and Trolox antioxidant scavenging capacities were analyzed by ORAC method; values are represented as means of AUC net against CD-A or Trolox concentration between 0-50 µM.
**Figure S2:** Hematoxylin-eosin staining of liver and kidney from control rats and rats which underwent 45 min of ischemia and were subjected to 7 or 15 days of perfusion. Scale bars, 200 µm; magnification 10×.
Figure S3: Immuno-histological staining of rat and mouse heart showing the positivity of the antibody anti-phospho-Nrf2.
Figure S4: Quantification of positive staining using Matlab. (A) CD68 and CD163 samples, (B) Nrf2 and Perl’s/DAB samples, and (C) Perl’s and DAB samples. White dots in the images represent the positivity of the respective marker. Scale bars, 2 mm. Images are representing of 4 independent experiments.