



**Supplementary Figure 3.** (A) Correlations between the occludin or zona occludens (ZO)-1 expression and the muscle weight in control ( $n=6$ ) and liver cirrhosis (LC) ( $n=4$ ) rats, respectively. (B) Correlations between the occludin or ZO-1 expression and the myofiber diameter in control ( $n=6$ ) and LC ( $n=4$ ) rats, respectively.