Supplementary Material

Synergistic Effects of N-Acetylcysteine and Mesenchymal Stem Cell in a Lipopolysaccharide-Induced Interstitial Cystitis Rat Model

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SUPPLEMENTARY FIGURE LEGENDS

Group (n=10)	MP (cmH_2O)	BP (cmH_2O)	BC (mL)	MV (mL)	RV (mL)	MI (sec)
sham	44.86 ± 7.81	27.32 ± 8.55	0.55 ± 0.04	0.43 ± 0.06	0.12 ± 0.05	83.80 ± 6.07
LPS-IC	90.17 ± 6.53	49.87 ± 15.38	0.09 ± 0.01	0.08 ± 0.02	0.01 ± 0.02	14.19 ± 2.23
LPS-IC + NAC	68.80 ± 3.53	40.25 ± 15.67	0.22 ± 0.04	0.19 ± 0.02	0.03 ± 0.04	33.86 ± 5.65
LPS-IC + M-MSC 25K	70.09 ± 4.96	33.12 ± 9.45	0.30 ± 0.03	0.26 ± 0.04	0.05 ± 0.41	46.38 ± 4.06
LPS-IC + M-MSC 50K	59.97 ± 6.49	22.29 ± 7.17	0.38 ± 0.03	0.30 ± 0.04	0.09 ± 0.05	58.04 ± 3.88
LPS-IC + M-MSC 25K + NAC	53.36 ± 4.08	23.19 ± 6.22	0.40 ± 0.03	0.30 ± 0.04	0.11 ± 0.03	61.08 ± 5.12
LPS-IC + M-MSC 50K + NAC	49.91 ± 2.60	18.83 ± 9.42	0.48 ± 0.02	0.33 ± 0.05	0.16 ± 0.05	72.33 ± 2.80

Figure S1. Administration of NAC and M-MSCs improved the bladder function. The micturition pressure (MP), basal bladder pressure (BP), bladder capacity (BC), micturition volume (MV), residual volume (RV), and micturition interval (MI) were quantified from the voiding pattern analysis.