

Table S1. Analysis of BW measurements in each group.

Week	BW (g)				
	NC	DC	Met	ig-exo	ip-exo
0	23.01±0.34 ^a	23.28±0.40 ^a	22.69±0.50 ^a	22.18±0.37 ^a	22.50±0.42 ^a
1	24.70±0.53 ^a	23.69±0.47 ^{ab}	22.70±0.47 ^b	22.63±0.48 ^b	23.28±0.50 ^{ab}
2	25.26±0.36 ^a	24.94±0.41 ^a	23.40±0.35 ^b	23.39±0.40 ^b	24.26±0.35 ^{ab}
3	26.06±0.36 ^a	25.35±0.50 ^a	23.39±0.44 ^b	23.45±0.60 ^b	24.80±0.39 ^{ab}
4	26.78±0.15 ^a	25.36±0.43 ^{ab}	24.73±0.49 ^{bc}	23.44±0.55 ^c	24.96±0.49 ^{bc}
5	26.59±0.33 ^a	25.90±0.50 ^{ab}	24.74±0.36 ^{bc}	23.99±0.56 ^c	25.39±0.48 ^{abc}

^{a-c}Values not sharing a common superscript within the same row differ significantly at $p < 0.05$.

All values are presented as mean ± SEM (n = 8). Data were analyzed via one-way ANOVA.

Table S2. FBG levels in each group of mice.

Week	FBG levels (mmol/L)				
	NC	DC	Met	ig-exo	ip-exo
0	6.14±0.56 ^b	16.71±0.76 ^a	16.53±0.38 ^a	16.80±0.30 ^a	16.81±0.87 ^a
1	5.30±0.13 ^b	14.59±0.40 ^a	14.41±0.65 ^a	14.23±0.91 ^a	14.24±0.79 ^a
2	4.75±0.15 ^b	14.61±0.57 ^a	13.20±0.62 ^a	13.44±0.78 ^a	13.13±0.58 ^a
3	4.98±0.18 ^c	13.53±0.40 ^a	10.66±0.74 ^b	11.54±0.51 ^{ab}	12.01±0.47 ^{ab}
4	5.96±0.27 ^c	14.10±0.45 ^a	12.06±0.66 ^{ab}	11.15±0.82 ^b	11.31±0.14 ^b
5	6.06±0.31 ^c	12.39±0.49 ^a	9.88±0.51 ^b	9.91±0.33 ^b	10.86±0.39 ^{ab}

^{a-c}Values not sharing a common superscript within the same row differ significantly at $p < 0.05$.

All values are presented as mean ± SEM (n = 8). Data were analyzed via one-way ANOVA.

Table S3. Blood glucose during OGTT by group and time.

Time (min)	OGTT (mmol/L)				
	NC	DC	Met	ig-exo	ip-exo
0	6.60±0.20 ^b	11.30±0.82 ^a	9.84±0.72 ^a	9.20±0.69 ^{ab}	11.89±0.89 ^a
60	10.15±0.45 ^c	31.03±0.54 ^a	27.28±0.63 ^b	27.10±0.49 ^b	28.86±1.20 ^{ab}
90	9.91±0.26 ^c	26.48±0.67 ^a	25.18±0.36 ^{ab}	23.95±0.57 ^b	25.33±0.94 ^{ab}
120	8.93±0.21 ^c	24.24±0.62 ^a	22.71±0.48 ^{ab}	21.99±0.4 ^b	22.93±0.66 ^{ab}

^{a-c}Values not sharing a common superscript within the same row differ significantly at $p < 0.05$.

All values are presented as mean ± SEM (n = 8). Data were analyzed via one-way ANOVA.

Table S4. Blood glucose by group and time in the PTT assay.

Time (min)	PTT (mmol/L)				
	NC	DC	Met	ig-exo	ip-exo
0	8.09±0.35 ^b	13.85±0.86 ^a	10.5±0.58 ^b	10.39±1.01 ^b	13.56±0.58 ^a
30	13.53±0.47 ^c	22.11±0.76 ^a	17.70±0.78 ^b	17.68±0.75 ^b	20.30±0.91 ^{ab}
60	14.41±0.68 ^b	22.15±0.80 ^a	20.25±1.27 ^a	20.15±0.56 ^a	21.63±0.68 ^a
90	12.25±0.80 ^b	20.78±0.79 ^a	18.41±1.13 ^a	18.55±0.73 ^a	19.93±0.65 ^a
120	10.18±0.62 ^b	18.53±0.59 ^a	16.53±1.10 ^a	17.05±0.34 ^a	17.36±0.42 ^a

^{a-c}Values not sharing a common superscript within the same row differ significantly at $p < 0.05$.

All values are presented as mean ± SEM (n = 8). Data were analyzed via one-way ANOVA.