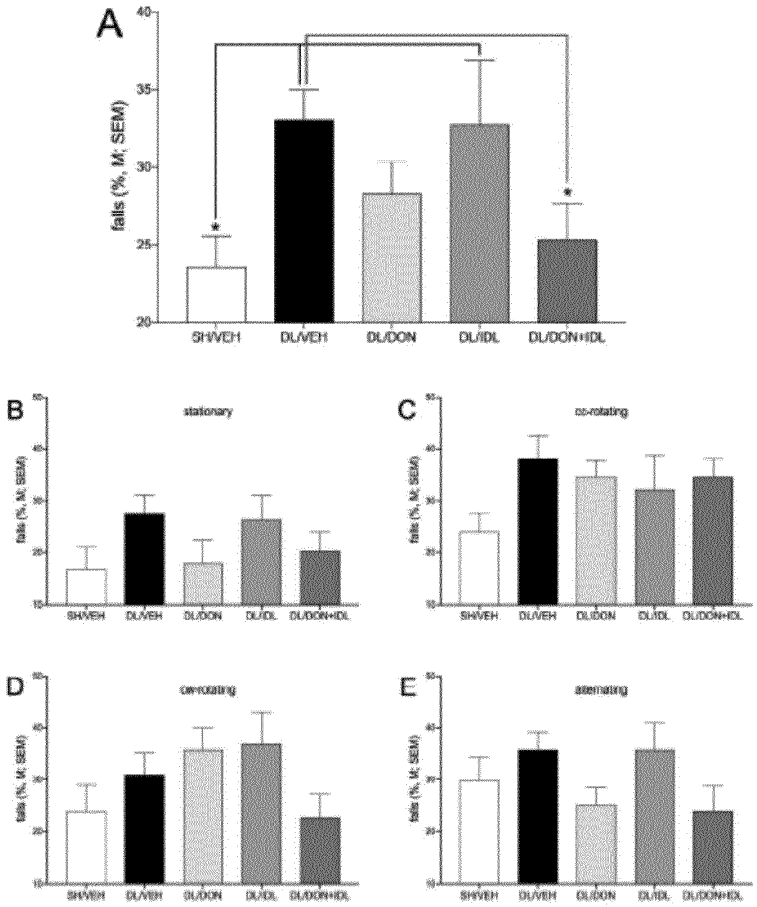

A
falls (%, M; SEM)
40
35
30
25
20
*
*
SH/VEH
DL/VEH
DL/DON
DL/IDL
DL/DON+IDL
B
stationary
C
co-rotating
D
cw-rotating
E
alternating

Figure 1

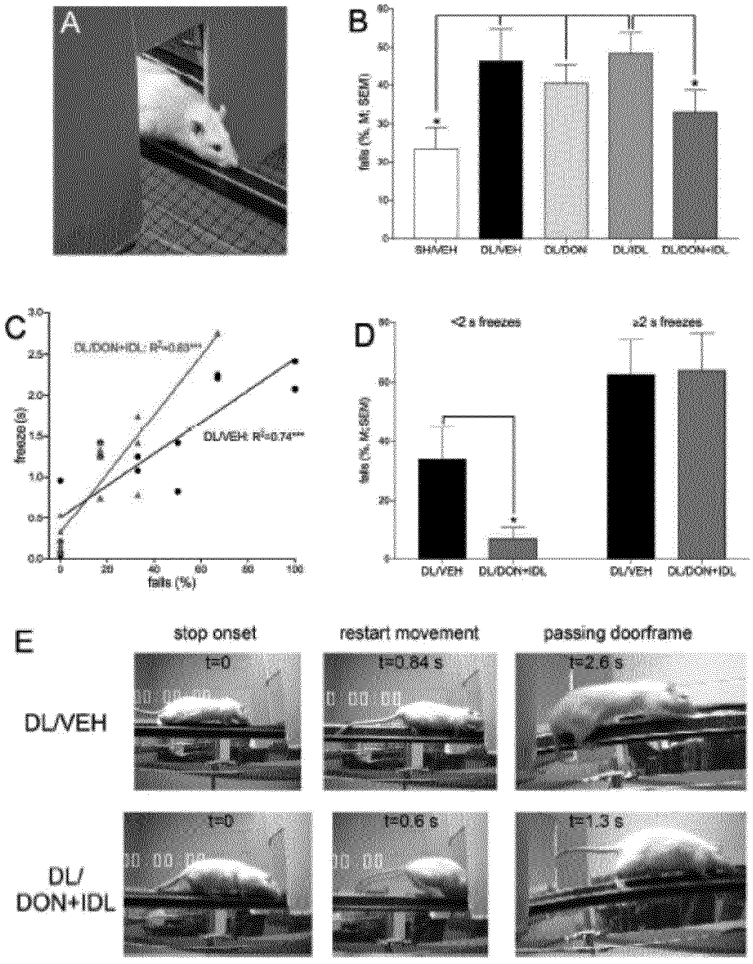

A
B
falls (%, M, SEM)
SHAM/VEH
DL/VEH
DL/DON
DL/IDL
DL/DON+IDL
C
DL/DON+IDL: R²=0.83***
DL/VEH: R²=0.74***
freeze (s)
falls (%)
D
<2 s freezes
≥2 s freezes
falls (%, M, SEM)
DL/VEH
DL/DON+IDL
DL/VEH
DL/DON+IDL
E
stop onset
restart movement
passing doorframe
DL/VEH
t=0
t=0.84 s
t=2.6 s
DL/
DON+IDL
t=0
t=0.6 s
t=1.3 s

Figure 2

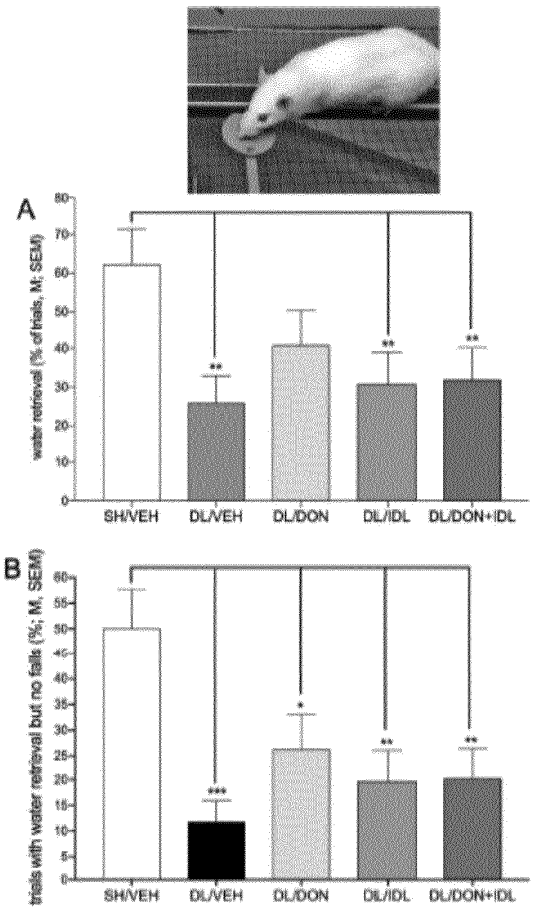

A
water retrieval (% of trials, M; SEM)
SH/VEH
DL/VEH
DL/DON
DL/IDL
DL/DON+IDL
B
trials with water retrieval but no falls (%; M, SEM)
SH/VEH
DL/VEH
DL/DON
DL/IDL
DL/DON+IDL

Figure 3

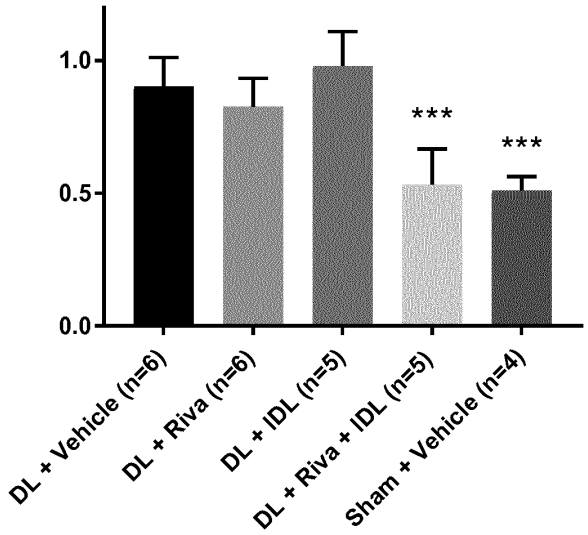

1.0
0.5
0.0
***
***
DL + Vehicle (n=6)
DL + Riva (n=6)
DL + IDL (n=5)
DL + Riva + IDL (n=5)
Sham + Vehicle (n=4)

Figure 4

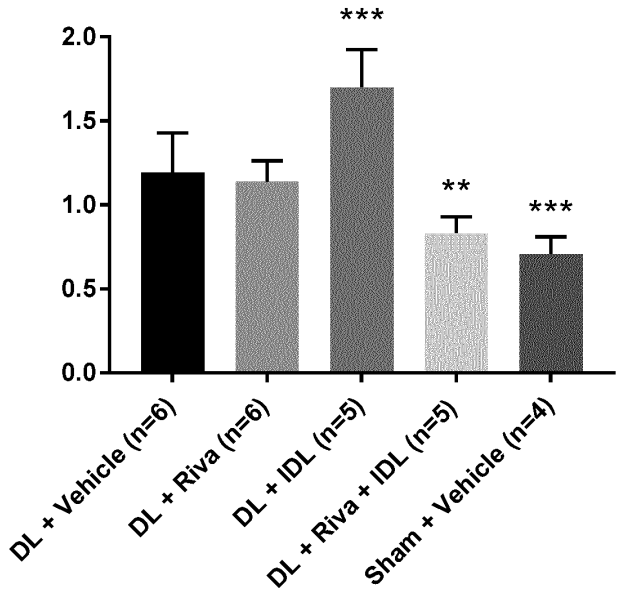

***
**
***
2.0
1.5
1.0
0.5
0.0
DL + Vehicle (n=6)
DL + Riva (n=6)
DL + IDL (n=5)
DL + Riva + IDL (n=5)
Sham + Vehicle (n=4)

Figure 5

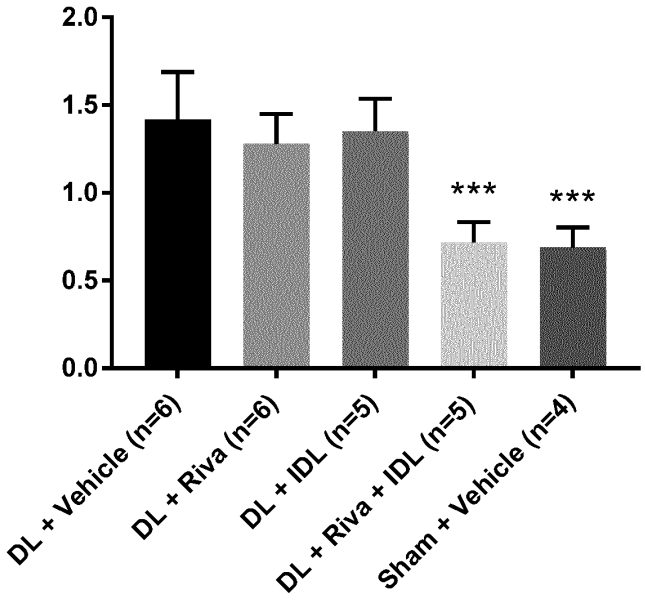

2.0
1.5
1.0
0.5
0.0
***
***
DL + Vehicle (n=6)
DL + Riva (n=6)
DL + IDL (n=5)
DL + Riva + IDL (n=5)
Sham + Vehicle (n=4)

Figure 6

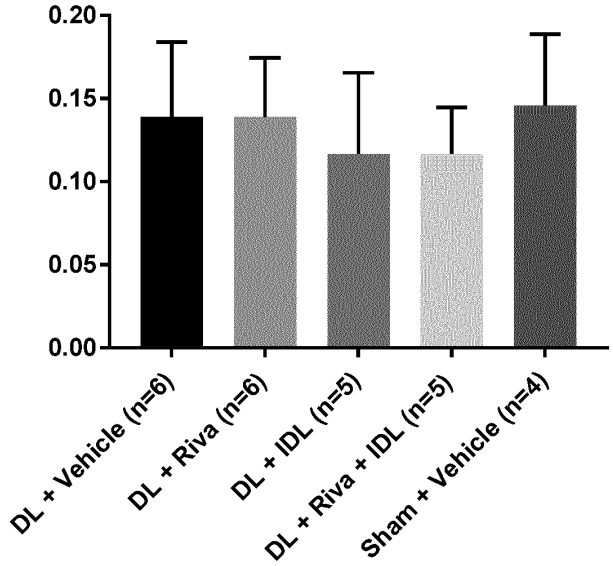

0.20
0.15
0.10
0.05
0.00
DL + Vehicle (n=6)
DL + Riva (n=6)
DL + IDL (n=5)
DL + Riva + IDL (n=5)
Sham + Vehicle (n=4)

Figure 7