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DOI:

[10.2147/IJN.S193965](https://doi.org/10.2147/IJN.S193965)

*Document Version*

Peer reviewed version

[Link to publication record in King's Research Portal](#)

*Citation for published version (APA):*

So, P-W., Ekonomou, A., Galley, K., Brody, L. P., Sahuri-Arisoylu, M., Rattray, I., Cash, D., & Bell, J. (2019). Intraperitoneal Delivery of Acetate-Encapsulated Liposomal Nanoparticles for Neuroprotection of the Penumbra in a Rat Model of Ischemic Stroke. *International Journal of Nanomedicine*, *14*, 1979—1991. <https://doi.org/10.2147/IJN.S193965>

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**Intraperitoneal Delivery of Acetate-Encapsulated Liposomal Nanoparticles for  
Neuroprotection of the Penumbra in a Rat Model of Ischemic Stroke**

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## Supplemental Data

Figure 1. Daily body weights of rats treated with control and liposome encapsulated acetate (LITA) during the two weeks after mid-cerebral artery occlusion.

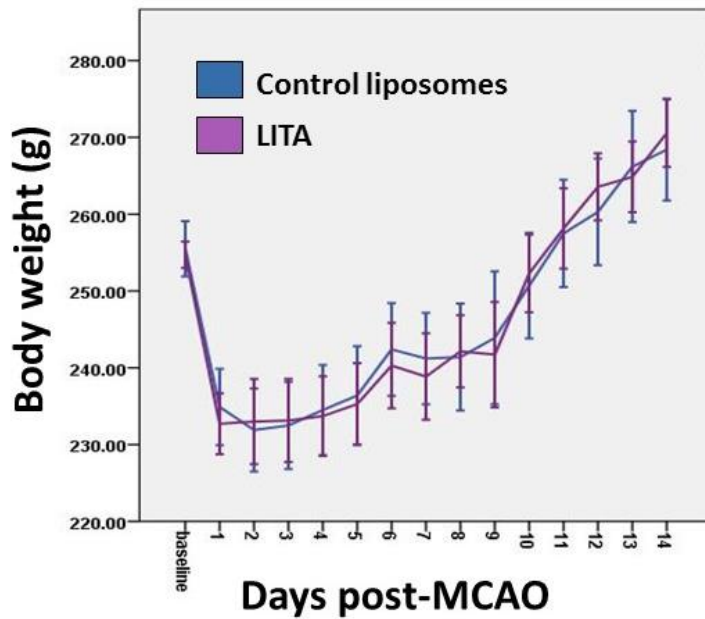


Figure 2: Typical *in vivo* T2-weighted coronal magnetic resonance images of the brain at minus 0.10 Bregma of control and liposomal-encapsulated acetate (LITA) treated rats at two weeks after mid-cerebral artery occlusion. White and yellow arrows indicate the infarct area and anterior lateral ventricle, respectively. Scale bar: 3.0 mm.

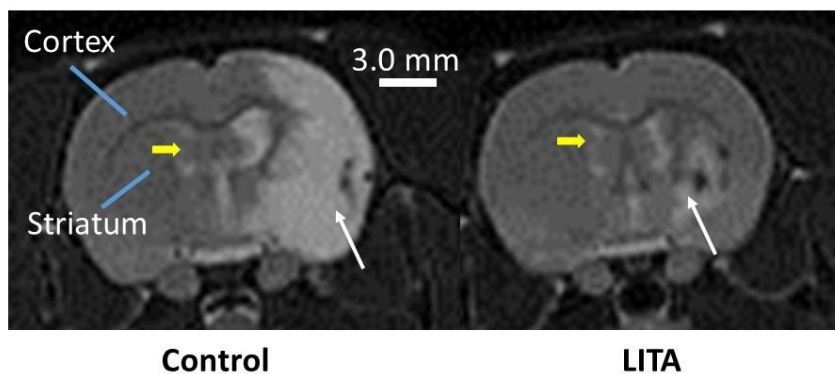


Figure 3: Immunofluorescence for mitochondrial density (MTCO1), lipid peroxidation (malondialdehyde, MDA), neural progenitors (nestin), proliferation (Ki67), histone H3 acetylation (acH3), and apoptosis (apoptosis) in control or liposomal encapsulated acetate (LITA)-treated animals at 2 weeks after mid-cerebral artery occlusion. Scale bar: 50 mm.

