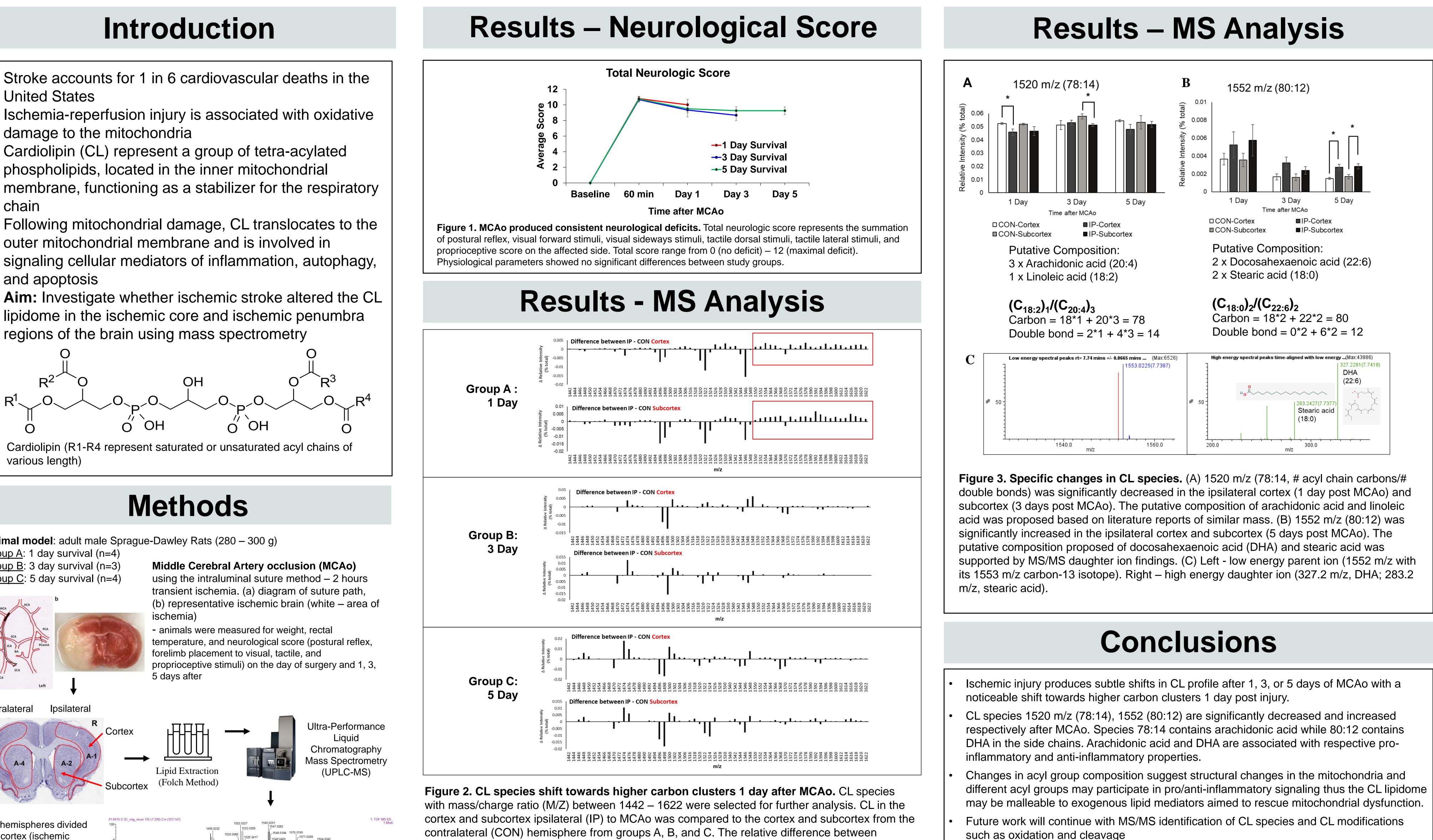
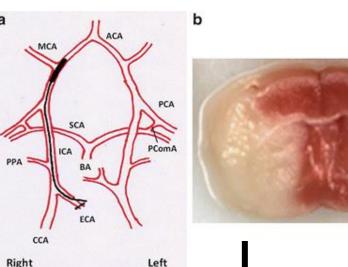


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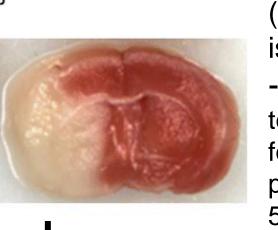
NEW ORLEANS

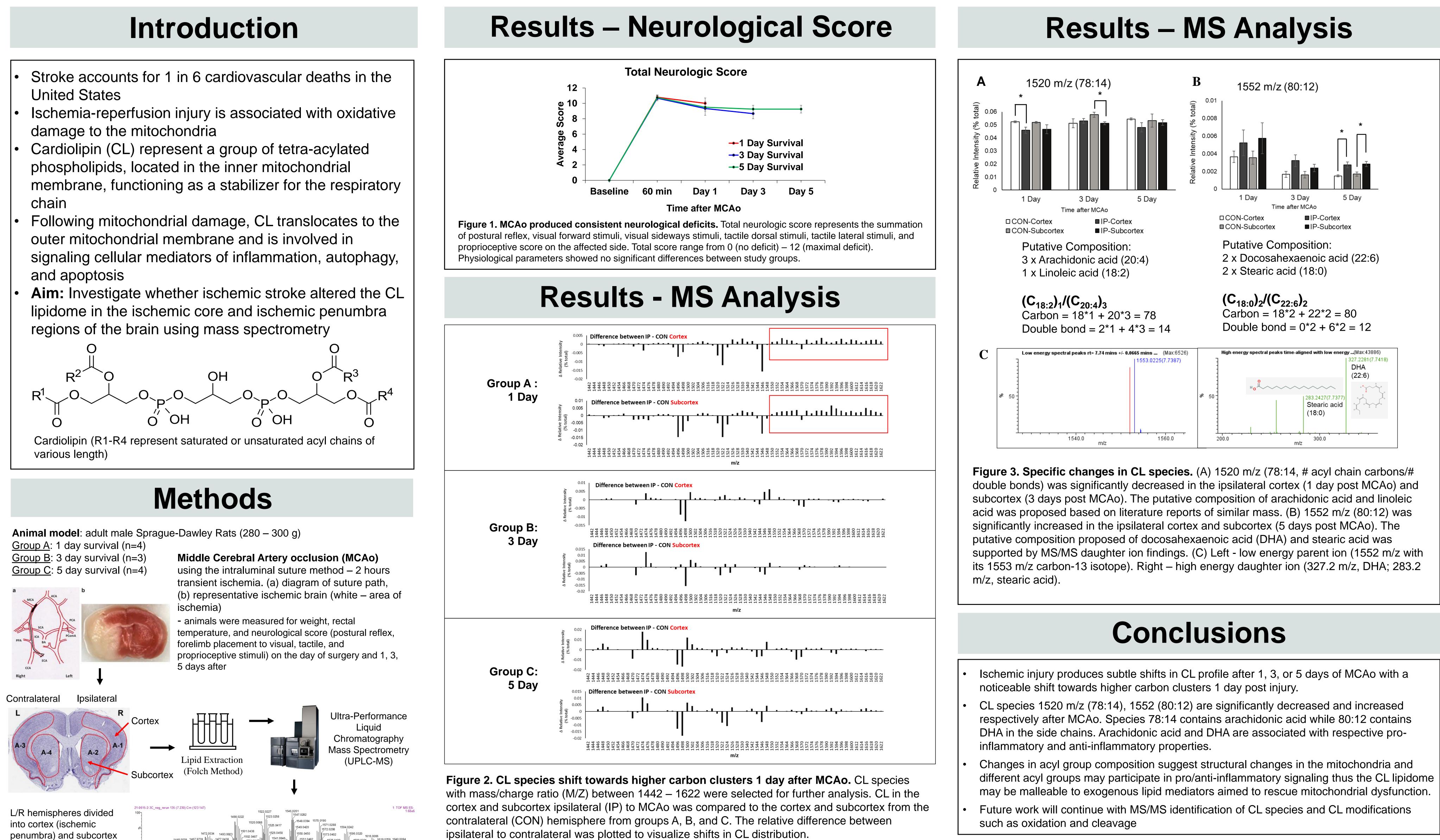
- Stroke accounts for 1 in 6 cardiovascular deaths in the United States
- damage to the mitochondria
- Cardiolipin (CL) represent a group of tetra-acylated phospholipids, located in the inner mitochondrial chain
- outer mitochondrial membrane and is involved in and apoptosis
- lipidome in the ischemic core and ischemic penumbra regions of the brain using mass spectrometry





(ischemic core)





Mass spectrometry analysis of cardiolipin profile after experimental ischemic stroke

Jeff Ji, Madigan Reid, Larissa Khoutorova, Kierany Shelvin, Bokkyoo Jun PhD, Ludmila Belayev MD, Nicolas G. Bazan MD/PhD Neuroscience Center of Excellence, LSU Health Sciences Center, New Orleans, LA

ipsilateral to contralateral was plotted to visualize shifts in CL distribution.

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