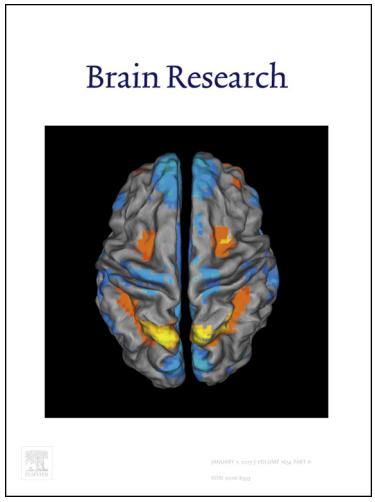

Research report

The impact of early aerobic exercise on brain microvascular alterations induced by cerebral hypoperfusion

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Running title: Early exercise training on cerebral hypoperfusion.

Statement of Authorship:

MLT performed intravital microscopy, laser speckle imaging and exercise training protocol, data analysis and manuscript preparation; JB designed exercise training protocol and final manuscript preparation; FF performed intravital microscopy and final manuscript preparation; RR performed RT-PCR experiments; AD supervised and analyzed RT-PCR procedures; ET supervised overall project and final manuscript preparation; VE designed studies, supervised intravital and laser speckle imaging procedures, data analysis, and final manuscript preparation. All authors read and approved the final manuscript.