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## **ACCEPTED MANUSCRIPT**

# Cell death induced by mitochondrial complex I inhibition is mediated by Iron Regulatory Protein 1.

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<sup>&</sup>lt;sup>1</sup> Abbreviations. 4-HNE, 4-hydroxy-2-nonenal; 6-OHDA, 6-hydroxydopamine;BSO, buthioninesulfoximine; DFO: Deferoxamine; DMT1: Divalent Metal Transporter 1; ELISA: enzyme-linked immunosorbent assay; FPN1: Ferroportin 1; IRE: iron responsive element; IRP: iron regulatory protein; LDH: lactate dehydrogenase; M30: 5-(N-methyl-N-propargylaminomethyl)-8-hydroxyquinoline; MPTP: 1-methyl-4phenyl-1,2,3,6-tetrahydropyridine; PD: Parkinson's disease; Q1: 5-((methylamino)methyl)-8hydroxyquinoline; ROS: reactive oxygen species; TfR1: Transferrin Receptor 1.

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