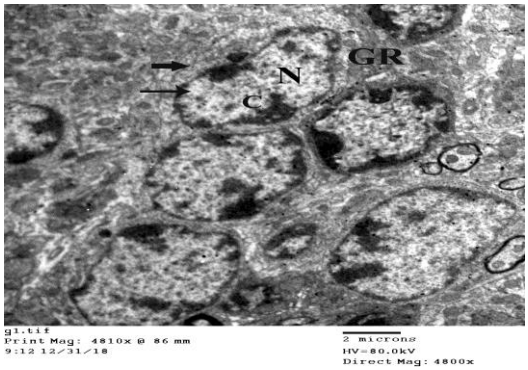


Figure(1): Electro micrograph of adult control**(group A)** cerebellum showing group of granular cells **(GR)** with large size of the nucleus **(N)** with condensed chromatin**(c)**, and show well defined nuclear border **(thin arrow)** surrounded by thin rim of cytoplasm with intact organelles **(thick arrow). (X 4810)**

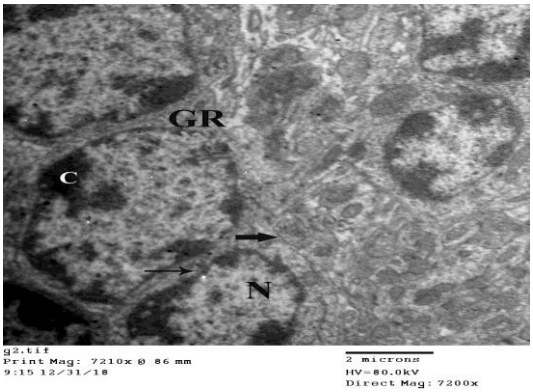


Figure (2): magnified image of previous figure show large size of the nucleus **(N)** with well-defined nuclear border **(thin arrow)** surrounded by thin rim of cytoplasm with intact organelles **(thick arrow)**. **(x7210)**

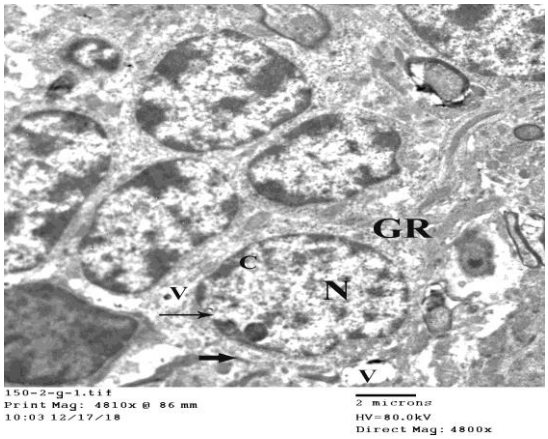


Figure (3): An electro micrograph of the cerebellar cortex of **(group B)** treated cerebellum showing group of granular cells **(GR)** with large nucleus **(N)** surrounded by regular nuclear envelope (**thin arrow),** disturbed chromatin **(C),** it surrounded by ill-defined cytoplasmic membrane **(thick arrow)** with some vacuoles **(V). (x4810)**

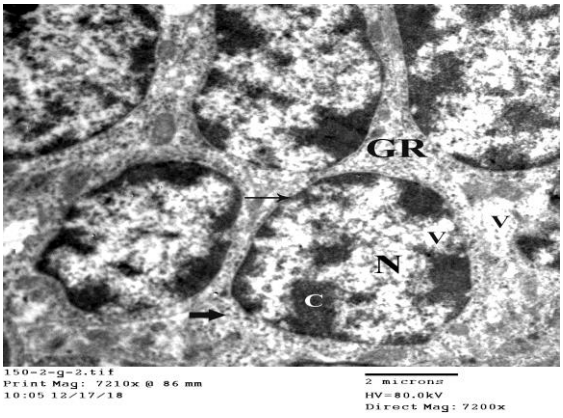
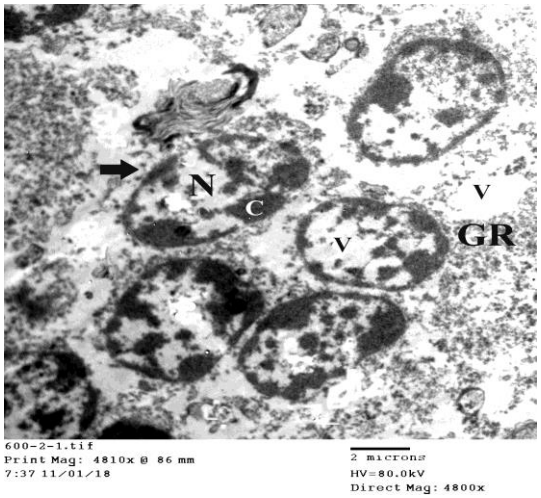
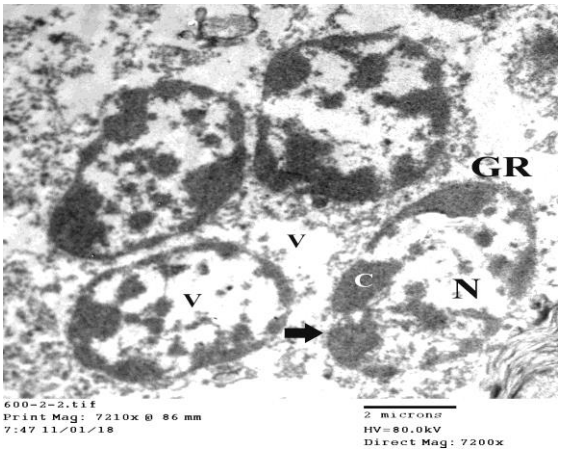


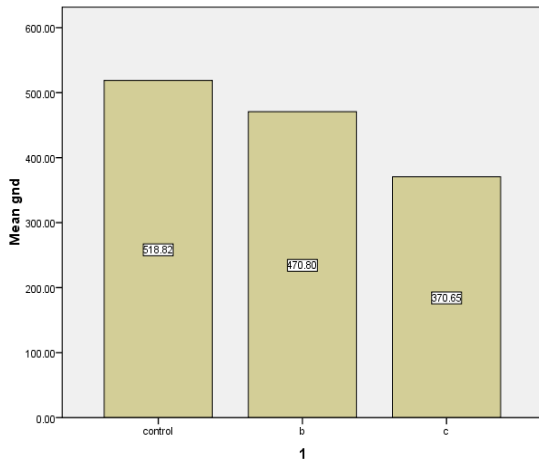
Figure (4): A magnified image showing granular cells **(GR)** with large nucleus **(N)** with regular nuclear envelope **(thin arrow),** peripheral heterochromatin **(C),** it surrounded by ill-defined cytoplasmic membrane **(thick arrow)** with some vacuoles in both nucleus and cytoplasm **(V). (X7210)**



Figure(5): Electro micrograph of **group C** treated cerebellum showing group of granular cells **(GR)** with destructed cytoplasmic membrane and organelles **(thick arrow),** large nuclei **(N)** with discontinued nuclear envelope **(arrow)** , chromatin crowded peripherally **(C)** with marked cytoplasmic and nuclear vacuoles **(V)**. **(×4810)**



Figure(6): magnified image of previous picture showing group of granular cells **(GR)** with destructed cytoplasmic membrane and organelles **(arrow)**, large nuclei **(N),** chromatin crowded peripherally **(C)** with marked cytoplasmic and nuclear vacuoles **(V). (X7210)**



Histogram (1): showing the nuclear diameter of granule cells in control and treated group.