NON-MOTORIC FUNCTIONS OF THE CEREBELLUM

ESSAY

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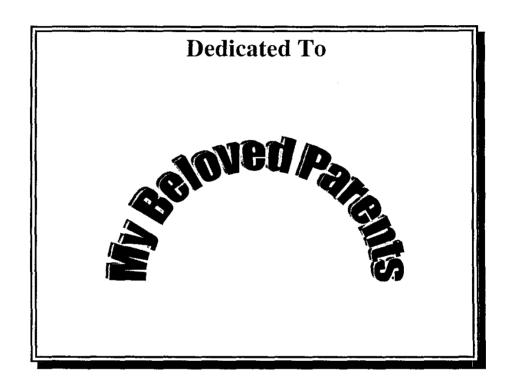


بيتم لَيْنَا لِحَوْزًا لِحَمْنًا

يُؤْتَى الْحِكْمَةُ مَن يَشَاءُ وَمَن يُؤْتَ الْحِكْمَةُ فَقَدْ أُوتِى خَيْدِاً كَتِيدِاً وَمَا يَدَّكُمُ الْأَلْبَابِ

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LIST OF ABBREVIATIONS

C8 Eigth cervical segment
CCT Cuneocerebellar tract
CNS Central nervous system
CT Computerized tomography
DSCT Dorsal spinocerebellar tract

EPSP Excitatory postsynaptic potentials

F.A. Friedreich's ataxia

GABA Gamma amino butyric acid

HMPAO Hexa-methyl-propyle-amine oxime

HVA Homovanillic acid

IPSPs Inhibitory post synaptic potentials

IQ Intelligence quotion

KA Kainate

L2 Second lumbar segment

MRI Magnetic resonance imaging

NMDA N-methyl-D-aspartate

OPCA Olivoponto cerebellar atrophy
PET Positron emission tomography

QA Quisqualate

rCBF Regional cerebral blood flow

SPECT Single photon emission tomography

SSR Sympathetic skin response
Th1 First thoracic segment

VSCT Ventral spinocerebellar tract



Introduction and Aim of the work

It is common sense to take a method and try it: if it fails, admit it frankly and try another. But above all, try something.

Franklin D. Roosevelt

