

NEURON-SPECIFIC ENOLASE IN PERINATAL ASPHYXIA

Thesis

Submitted For Partial Fulfillment
Of Master Degree in Pediatrics

By

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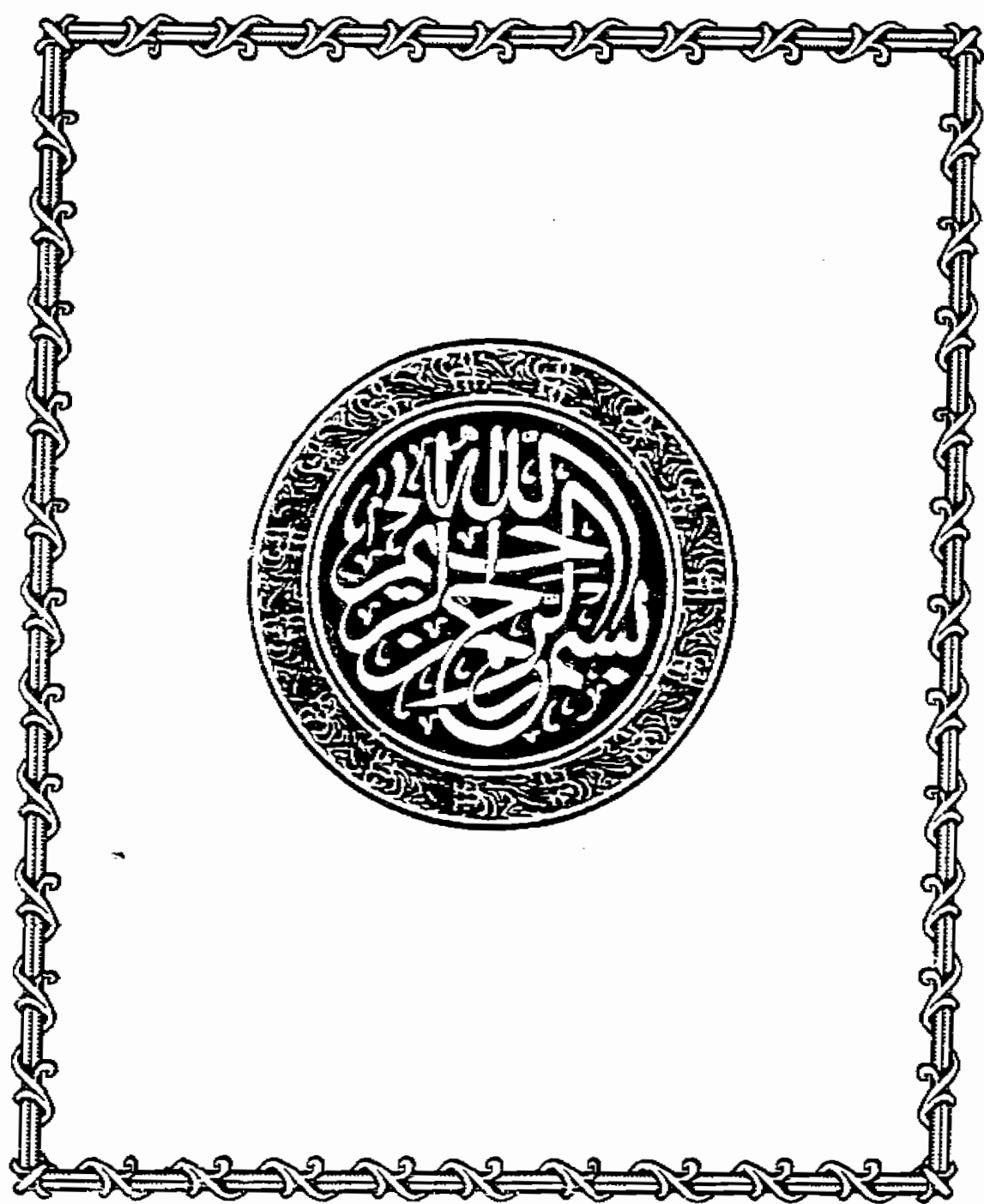
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*Sometimes, the truest feelings
are those we keep inside,
and though not often mentioned,
they are the most sincere*

*To my dear husband
and my baby
with all my love*



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LIST OF ABBREVIATIONS

AAP	: American Academy of Pediatrics
ACOG	: American College of Obstetricians and Gynecologists
ADH	: Antidiuretic hormone
APUD	: Amine precursor uptake and decarboxylation
ATP	: Adenosine triphosphate
CBF	: Cerebral blood flow
CBFV	: Cerebral blood flow velocity
CK-BB	: Brain-specific isoenzyme of creatine kinase
CNS	: Central nervous system
CSF	: Cerebrospinal fluid
CT	: Computed tomography
EEG	: Electroencephalography
EIA	: Enzyme immunoassay
GABA	: Gamma-amino-butyric acid
GM₁	: Monosialoganglioside
GMH-IVH	: Germinal matrix-intraventricular hemorrhage
HLE	: Hypoxic-ischemic encephalopathy
ICP	: Intracranial pressure
IGF-1	: Insulin-like growth factor 1

IVH	: Intraventricular hemorrhage
MBP	: Myelin basic protein
MRI	: Magnetic resonance imaging
NE	: Neonatal encephalopathy
NMDA	: N-methyl-D-aspartate
NNE	: Non-neural enolase
NSE	: Neuron-specific enolase
PET	: Positron emission tomography
PVH	: Periventricular hemorrhage
PVL	: Periventricular leucomalacia
ROC	: Receiver operating characteristic curve
SCLC	: Small cell lung cancer
SGOT	: Serum glutamic-oxaloacetic transaminase
SOD	: Super oxide dismutase
SPECT	: Single-photon emission computed tomography
TGFβ₁	: Transforming growth factor beta 1

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