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**Physiological Studies on mammalian skeletal muscles
under the effect of whole-body gamma-irradiation
and certain drugs.**

Thesis

Submitted to the Girl's College
Ain Shams -University
For the degree of

M.Sc.

Zoology

By

Ebtsam Ibrahim Abdel Gawwad (B.Sc)

Demonstrator in -National Centre for Radiation, Research and
Technology-Atomic Energy Authority cairo.



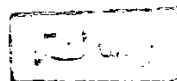
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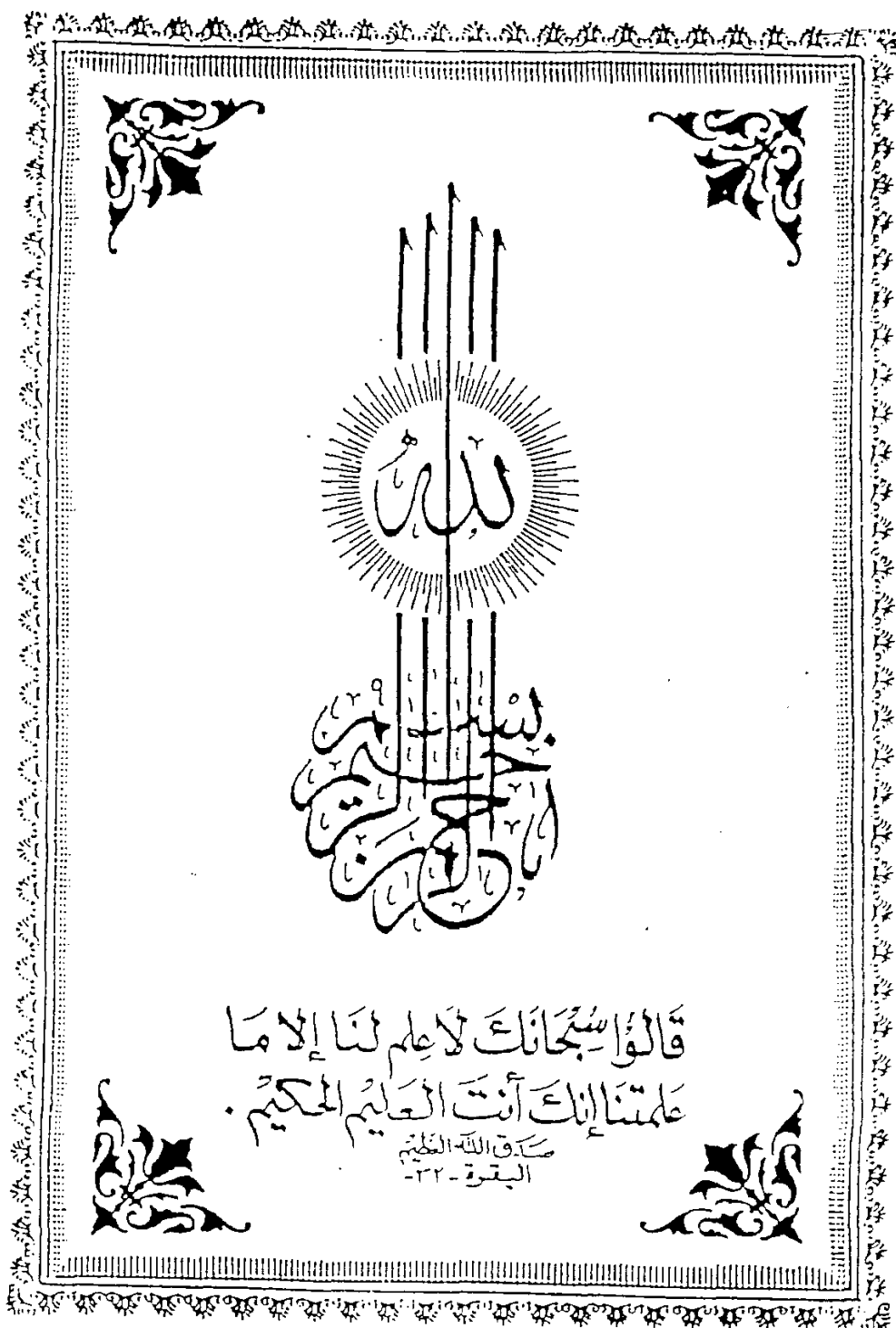
National Centre for Radiation

Research and Technology

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1997





DEDICATED TO

The spirit of My Dear Father

My Dear Mother. I will never forget her continuous support.

My Dear Husband Ahmed Mekkey El-Gamal who without his cooperation and support, it would have been impossible to complete this work.

My lovely son Mohamed and My Beloved daughter Nanncy who enlighten my life.

My Sisters and Brothers

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