

بسم الله الرحمن الرحيم





شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم



جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها
علي هذه الأقراص المدمجة قد أعدت دون أية تغيرات



يجب أن

تحفظ هذه الأقراص المدمجة بعيدا عن الغبار





بالرسالة صفحات
لم ترد بالأصل





بعض الوثائق الأصلية تالفة



EFFECT OF DIAZEPAM ON THE DEVELOPMENT OF NEURONS OF THE CHICK EMBRYO

**Thesis Submitted
For The Partial Fulfillment Of The Master Degree
"M.Sc" In Anatomy**

By
Rania Mohamed Abdel Aal Shamekh
M.B.B.Ch.



611, 0188
R. M.

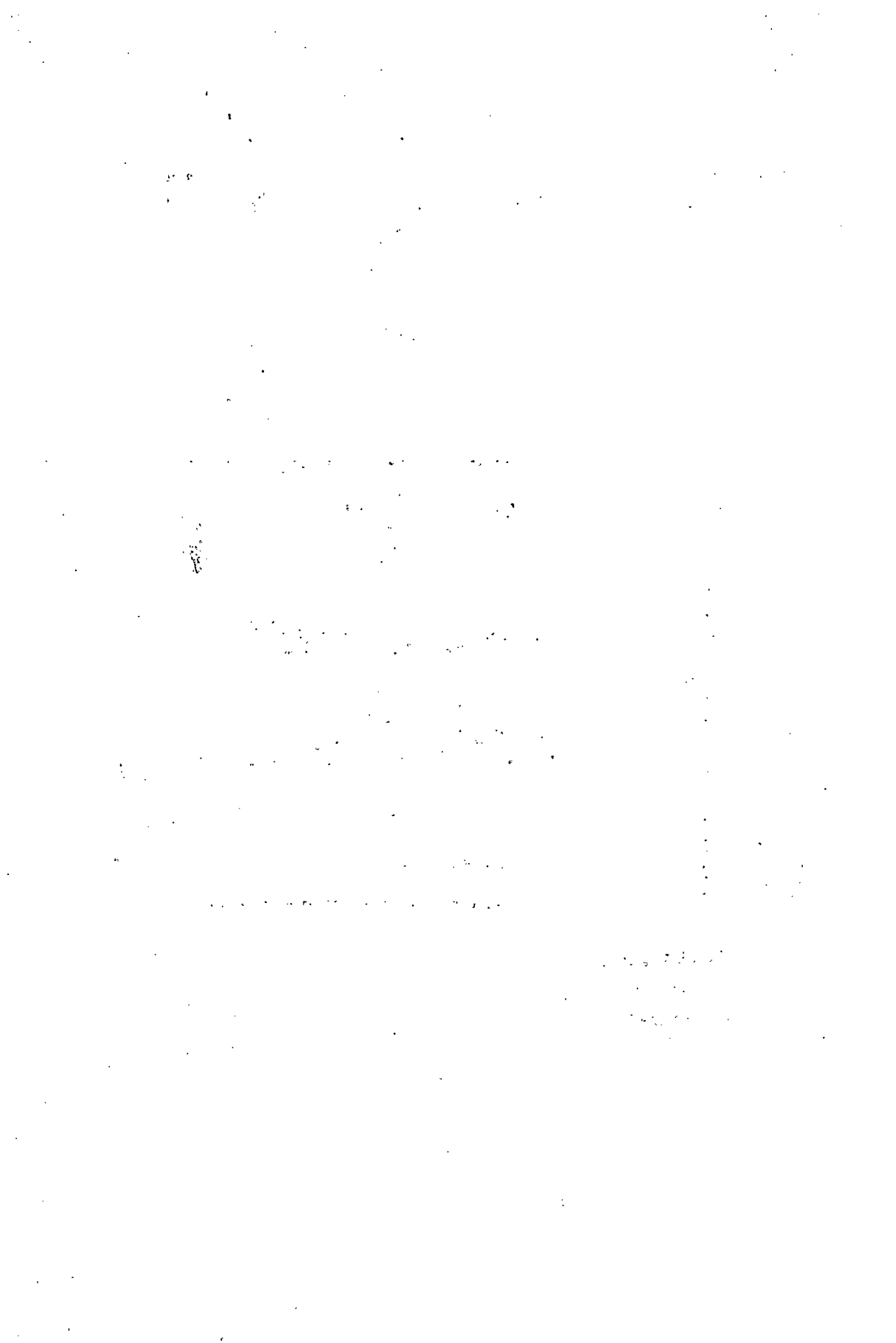
Under supervision of 65803

Prof. Dr. Sawsan Ahmed Abdel Rahman
Professor of Anatomy
Faculty of Medicine - Ain Shams University

Ass. Prof. Osama Ahmed Hussein
Assistant Professor of Anatomy
Faculty of Medicine - Ain Shams University

Dr. Soheir Ibrahim Saleh
Lecturer of Anatomy
Faculty of Medicine - Ain Shams University

**FACULTY OF MEDICINE
AIN SHAMS UNIVERSITY
2000**



بسم الله الرحمن الرحيم

"رب اشرح لي صدري"

ويسر لي أمري"

صدق الله العظيم

ACKNOWLEDGMENT

I would like to express my deepest thanks and gratitude to Prof. Sawsan Ahmed Abdel Rahman, Professor of Anatomy, Faculty of Medicine, Ain Shams University, for her great help, valuable criticism and continuous encouragement through the whole research. I am very much privileged and honored to have her as my supervisor.

I wish to express my thanks to my supervisor Dr. Osama Ahmed Hussein, Assistant Professor of Anatomy, Faculty of Medicine, Ain Shams University, for his support.

I feel grateful to Dr. Soheir Ibrahim Saleh, Lecturer of Anatomy, Faculty of Medicine, Ain Shams University, for her great care and valuable support.

I would like also to thank Prof. Salwa Saad Lashin, Professor of Anatomy, Faculty of Medicine, Ain Shams University, for the help she offered me in my research.

I would like also to thank Dr. Hany Shawky, Assistant Professor of Anatomy, Faculty of Medicine, Ain Shams University, for his help.

Ultimately, to all my professors and colleagues in Anatomy Department, I offer my thanks and gratitude.

CONTENTS

	Page
* <i>Introduction and Aim of the Work</i>	1
* <i>Review of Literature</i>	
▪ <i>Normal Development of the Nervous System of Chick Embryos</i>	2
▪ <i>Effect of Diazepam on the Nervous System</i>	8
▪ <i>Benzodiazepines</i>	12
* <i>Materials and Methods</i>	16
* <i>Results</i>	21
* <i>Discussion</i>	41
* <i>Summary</i>	53
* <i>References</i>	61
* <i>Annex</i>	68
* <i>Arabic Summary</i>	

LIST OF TABLES

✱	TABLE 1	22
	<i>Average weights (in gm) of Control and treated embryos</i>	
✱	TABLE 2	26
	<i>Mean diameters (in micrometers) of the neurons of the dorsal root ganglion</i>	
✱	TABLE 3	30
	<i>Mean diameters (in micrometers) of the neurons of the ventral grey column of the spinal cord</i>	
✱	TABLE 4	37
	<i>Statistical analysis of the mean diameters of the neurons of the dorsal root ganglion and the ventral grey column</i>	

