

سامية محمد مصطفى



شبكة المعلومات الجامعية

# بسم الله الرحمن الرحيم



سامية محمد مصطفى



شبكة المعلومات الجامعية



# شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم





سامية محمد مصطفى



شبكة المعلومات الجامعية

# 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



سامية محمد مصطفى



شبكة المعلومات الجامعية



# بعض الوثائق الأصلية تالفة





سامية محمد مصطفى



شبكة المعلومات الجامعية



# بالرسالة صفحات لم ترد بالأصل



***HISTOLOGICAL CHANGES INDUCED  
BY CERTAIN MALE CONTRACEPTIVE  
DRUGS ON THE TESTIS OF THE  
ADULT ALBINO RAT***

THESIS

Submitted for partial fulfillment of  
M.D. Degree in Basic Medical Science (Histology)

By

**GHADA HASSAN EL-SAIFY**

M. B., B. Ch., M. Sc. Histology

**UNDER THE SUPERVISION OF**

**Prof. Dr**

***Bothina Labib Mahmoud***

Professor & Head of Histology  
department,  
Faculty of Medicine,  
Menoufiya University

**Prof. Dr**

***Mohamed Ahmed Abd El-Safez***

Professor & Head of Histology  
department,  
Faculty of Medicine,  
Cairo University

**Prof. Dr**

***Samy El-Hussieny Atteya***

Professor of Histology,  
Faculty of Medicine,  
Menoufiya University

**Dr**

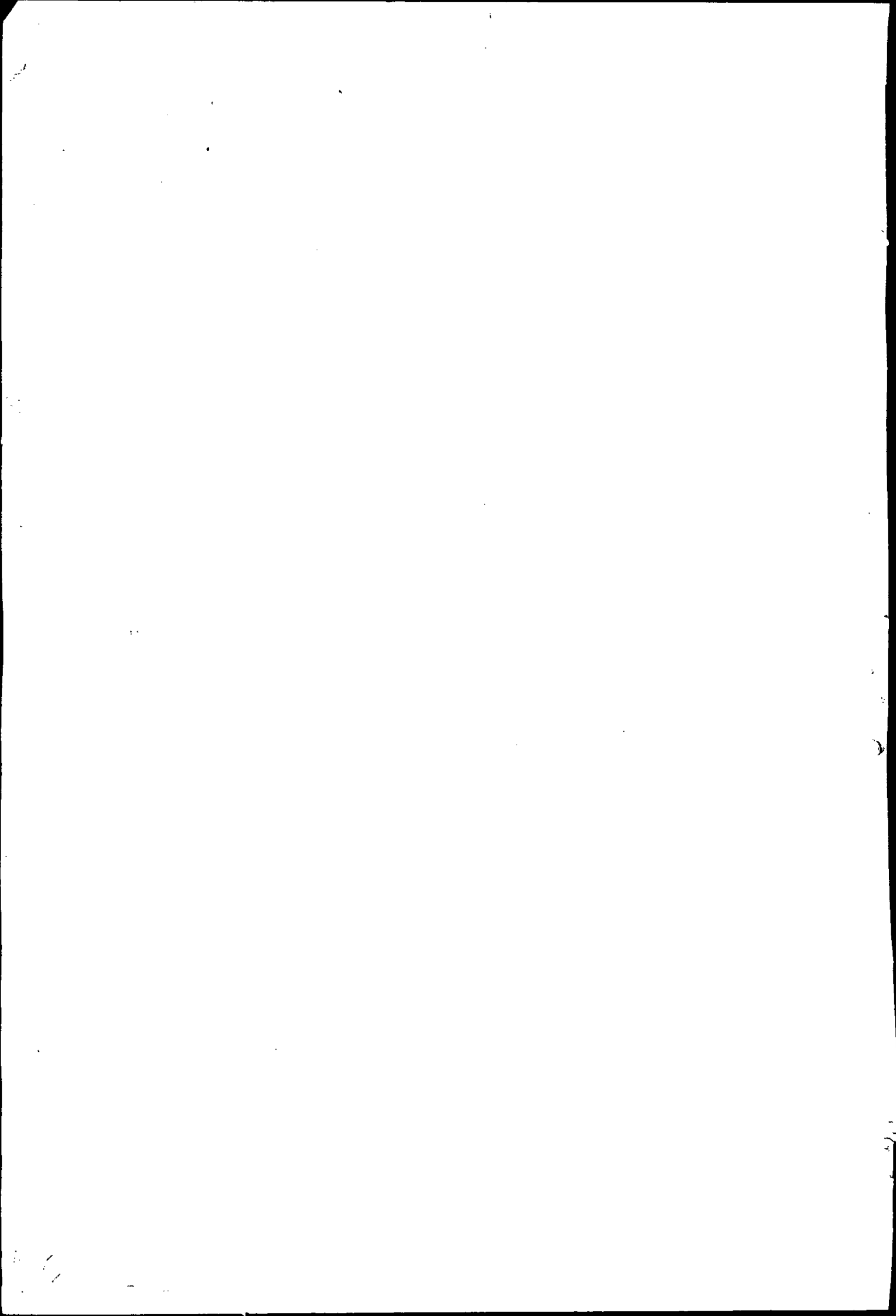
***Magda Ahmed Mansour***

Lecturer of Histology,  
Faculty of Medicine,  
Menoufiya University

**Faculty of Medicine  
Menoufiya University  
2000**

B

12011



# Approval sheet

## **HISTOLOGICAL CHANGES INDUCED BY CERTAIN MALE CONTRACEPTIVE DRUGS ON THE TESTIS OF THE ADULT ALBINO RAT**

Submitted in partial fulfillment of the requirements  
for M.D. Degree in Histology

By  
**GHADA HASSAN EL-SAIFY**

**UNDER THE SUPERVISION OF**

 **Prof. Dr**

**Bothina Labib Mahmoud**

Professor & Head of Histology department,  
Faculty of Medicine, Menoufia University

 **Prof. Dr**

**Mohamed Ahmed Abd El-Hafez**

Professor & Head of Histology department,  
Faculty of Medicine, Cairo University

**Dr**

**Samy El-Hussieny Atteya**

Professor of Histology,  
Faculty of Medicine, Menoufia University

**Dr**

**Magda Ahmed Mansour**

Lecturer of Histology  
Faculty of Medicine, Menoufia University

 Approved by

 **Prof. Dr**

**Bothina Labib Mahmoud**

Professor & Head of Histology department,  
Faculty of Medicine, Menoufia University

**Prof. Dr**

**Fouad Kamal Mansour**

Professor & Head of Anatomy department,  
Faculty of Medicine, Menoufia University

**Prof. Dr**

**Nadia Fouad Hassan**

Professor & Head of Histology department,  
Faculty of Medicine, Tanta University

 **Prof. Dr**

**Samy El-Hussini Atteya**

Professor of Histology  
Faculty of Medicine, Menoufia University



27  
28  
29  
30  
31  
32  
33  
34  
35  
36  
37  
38  
39  
40  
41  
42  
43  
44  
45  
46  
47  
48  
49  
50  
51  
52  
53  
54  
55  
56  
57  
58  
59  
60  
61  
62  
63  
64  
65  
66  
67  
68  
69  
70  
71  
72  
73  
74  
75  
76  
77  
78  
79  
80  
81  
82  
83  
84  
85  
86  
87  
88  
89  
90  
91  
92  
93  
94  
95  
96  
97  
98  
99  
100

101  
102  
103  
104  
105  
106  
107  
108  
109  
110  
111  
112  
113  
114  
115  
116  
117  
118  
119  
120  
121  
122  
123  
124  
125  
126  
127  
128  
129  
130  
131  
132  
133  
134  
135  
136  
137  
138  
139  
140  
141  
142  
143  
144  
145  
146  
147  
148  
149  
150  
151  
152  
153  
154  
155  
156  
157  
158  
159  
160  
161  
162  
163  
164  
165  
166  
167  
168  
169  
170  
171  
172  
173  
174  
175  
176  
177  
178  
179  
180  
181  
182  
183  
184  
185  
186  
187  
188  
189  
190  
191  
192  
193  
194  
195  
196  
197  
198  
199  
200

201  
202  
203  
204  
205  
206  
207  
208  
209  
210  
211  
212  
213  
214  
215  
216  
217  
218  
219  
220  
221  
222  
223  
224  
225  
226  
227  
228  
229  
230  
231  
232  
233  
234  
235  
236  
237  
238  
239  
240  
241  
242  
243  
244  
245  
246  
247  
248  
249  
250  
251  
252  
253  
254  
255  
256  
257  
258  
259  
260  
261  
262  
263  
264  
265  
266  
267  
268  
269  
270  
271  
272  
273  
274  
275  
276  
277  
278  
279  
280  
281  
282  
283  
284  
285  
286  
287  
288  
289  
290  
291  
292  
293  
294  
295  
296  
297  
298  
299  
300

301  
302  
303  
304  
305  
306  
307  
308  
309  
310  
311  
312  
313  
314  
315  
316  
317  
318  
319  
320  
321  
322  
323  
324  
325  
326  
327  
328  
329  
330  
331  
332  
333  
334  
335  
336  
337  
338  
339  
340  
341  
342  
343  
344  
345  
346  
347  
348  
349  
350  
351  
352  
353  
354  
355  
356  
357  
358  
359  
360  
361  
362  
363  
364  
365  
366  
367  
368  
369  
370  
371  
372  
373  
374  
375  
376  
377  
378  
379  
380  
381  
382  
383  
384  
385  
386  
387  
388  
389  
390  
391  
392  
393  
394  
395  
396  
397  
398  
399  
400

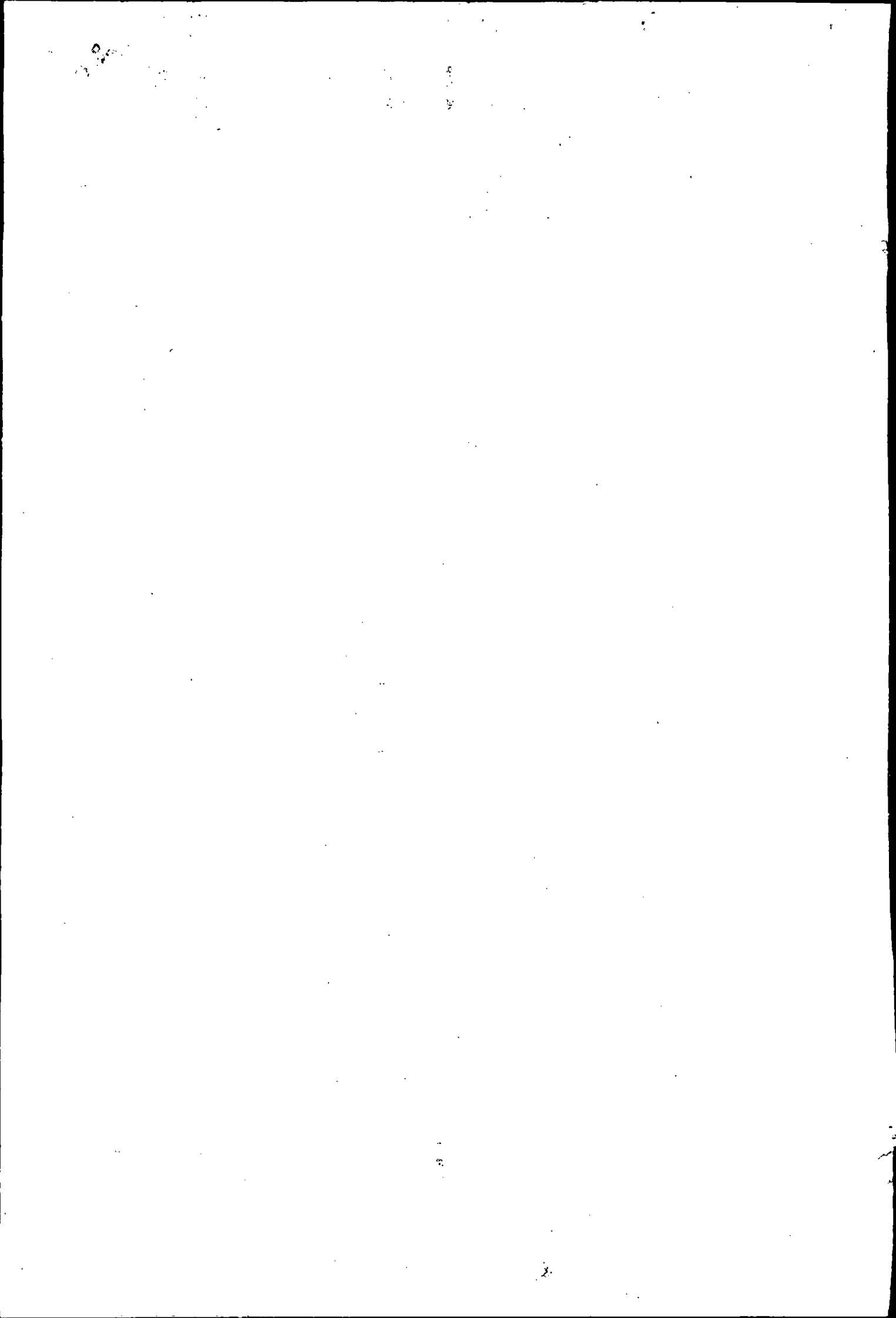
401  
402  
403  
404  
405  
406  
407  
408  
409  
410  
411  
412  
413  
414  
415  
416  
417  
418  
419  
420  
421  
422  
423  
424  
425  
426  
427  
428  
429  
430  
431  
432  
433  
434  
435  
436  
437  
438  
439  
440  
441  
442  
443  
444  
445  
446  
447  
448  
449  
450  
451  
452  
453  
454  
455  
456  
457  
458  
459  
460  
461  
462  
463  
464  
465  
466  
467  
468  
469  
470  
471  
472  
473  
474  
475  
476  
477  
478  
479  
480  
481  
482  
483  
484  
485  
486  
487  
488  
489  
490  
491  
492  
493  
494  
495  
496  
497  
498  
499  
500

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

”قَالُوا سُبْحَانَكَ لَا عِلْمَ لَنَا إِلَّا مَا عَلَّمْتَنَا إِنَّكَ  
أَنْتَ الْعَلِيمُ الْحَكِيمُ“

صَدَقَ اللَّهُ الْعَظِيمُ

سورة البقرة آية (٣٢)





**THIS WORK IS DEDICATED  
TO ALL MEMBERS OF MY  
FAMILY WITH SPECIAL  
DEDECATION TO MY  
BROTHER AHMED**

ve

no

# ACKNOWLEDGEMENT

First and foremost, thanks are due to ALLAH.

It is a great honor for me to express my deepest gratitude and sincere appreciation to *Prof. Dr. Bothina L. Mahmoud*, Professor and Head of Histology Department, Faculty of Medicine, Menofiya University, for expert guidance, continuous supervision, valuable advice and generous encouragement and support offered to me throughout this work. Without her great effort, time given and scientific experience, this work wouldn't come out.

It is a pleasure to express my great appreciation to *Prof. Dr. Mohamed A. Abd El-Hafez*, Professor and Head of Histology Department, Faculty of Medicine, Cairo University, for kind supervision, honest guidance and valuable suggestion during the conduction of this work.

I would like to express my greatest appreciation and thanks to *Prof. Dr. Samy H. Atteya*, Professor of Histology, Faculty of Medicine, Menofiya University, for valuable support throughout this work.

I wish to express my deepest thanks to *Dr. Magda A. Mansour*, Lecturer of Histology, Faculty of Medicine, Menofiya University, for kind supervision, sincere guidance and cooperation throughout this work.

I would like to express my special sincere thanks and deep gratitude to *Dr. Abeer M. Shady*, Lecturer of Histology, Faculty of Medicine, Menofiya University, for great help and cooperation.

I am deeply grateful to my colleagues in the Histology department, Faculty of Medicine, Menofiya University, for their cooperation and encouragement.

Thanks are extended to every one helped me in this work.



