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شبكة المعلومات الجامعية

# بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ



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شبكة المعلومات الجامعية



# شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم



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شبكة المعلومات الجامعية

# جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

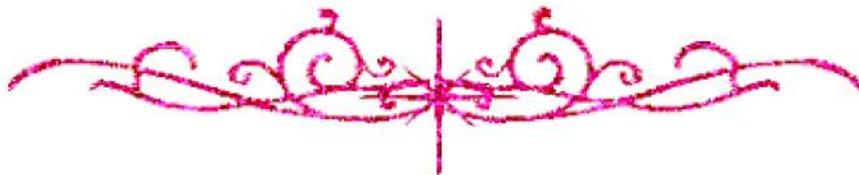
## قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها  
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## يجب أن

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# بعض الوثائق الأصلية تالفة



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# بالرسالة صفحات لم ترد بالأصل



**Procalcitonin as a Diagnostic Marker in  
Differentiating Bacterial From Abacterial Meningitis**

**Thesis**

**Submitted to the High Institute of Public Health- University of Alexandria  
in partial fulfillment of the requirements for the  
Degree of Master of Public Health  
(Microbiology)**

**By**

**Amira Ezzat Khamis**

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2005**

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## List of abbreviations

CNS	: Central nervous system
CRP	: C-reactive protein
<i>C. neoformans</i>	: <i>Cryptococcus neoformans</i>
h	: hours
<i>H. influenzae</i>	: <i>Haemophilus influenzae</i>
Hib	: <i>H influenzae</i> type B
HIV	: Human immuno-deficiency virus
HSV	: Herps simplex virus
IL-1	: Interleukin-1
IL-6	: Interleukin-6
IL-8	: Interleukin-8
<i>L. monocytogenes</i>	: <i>Listeria monocytogenes</i>
m	: minutes
<i>M. bovis</i>	: <i>Mycobacterium bovis</i>
<i>M. tuberculosis</i>	: <i>Mycobacterium tuberculosis</i>
<i>N. meningitidis</i>	: <i>Neisseria meningitidis</i>
OMPs	: Outer membrane proteins
PCR	: Polymerase chain reaction
PCT	: Procalcitonin
<i>S. pneumoniae</i>	: <i>Streptococcus pneumoniae</i>
TBM	: Tuberculous meningitis
TNF	: Tumor necrosis factor
T-I	: Trans-Isolate
ZN	: Ziehl-Neelsen

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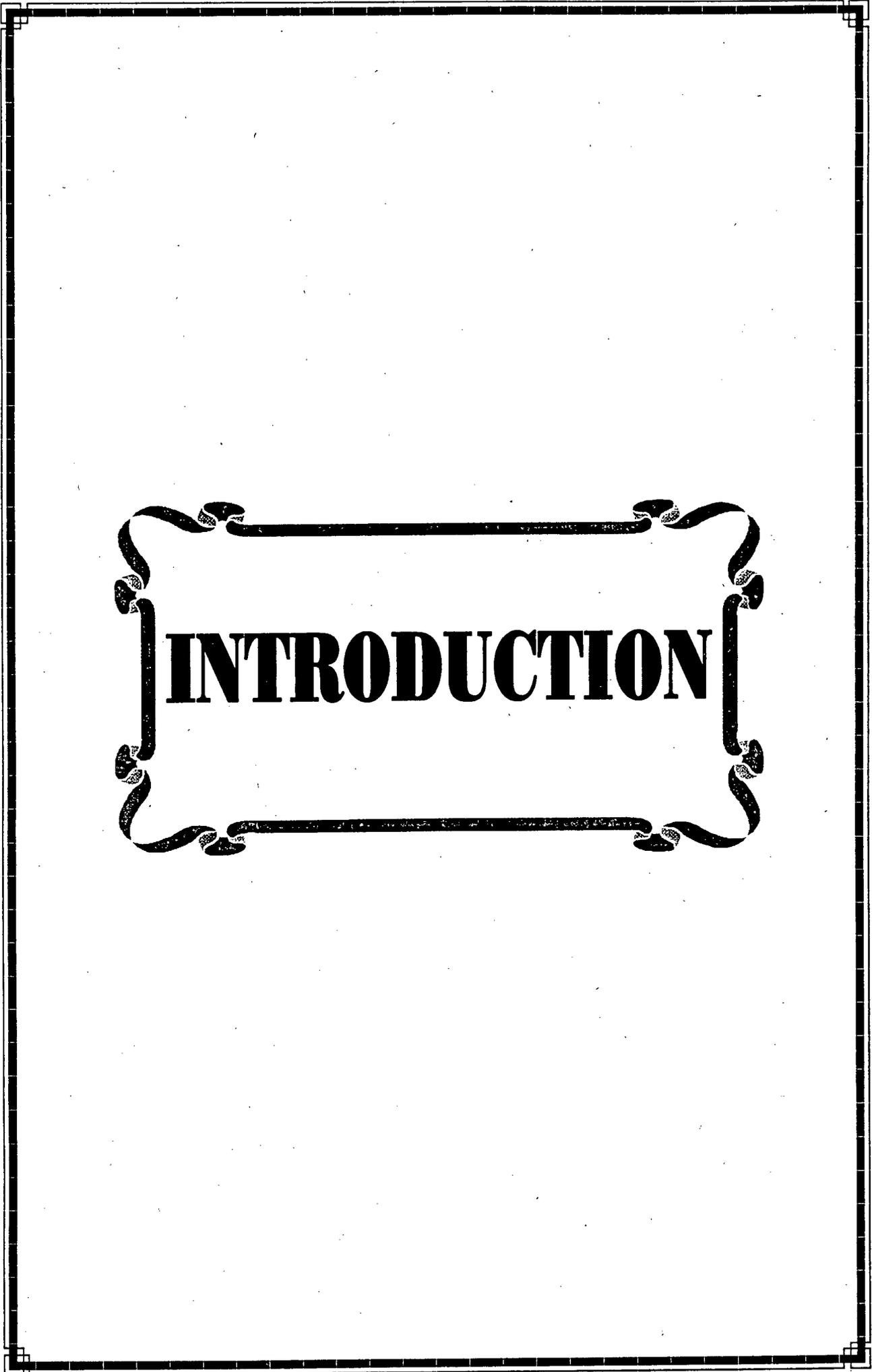
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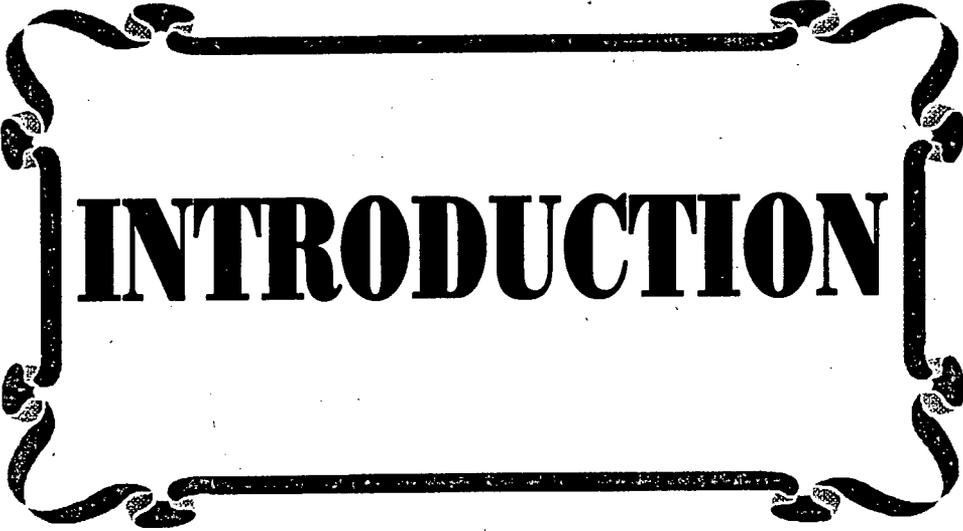
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# INTRODUCTION

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