



شبكة المعلومات الجامعية





شبكة المعلومات الجامعية

# جامعة عين شمس

التوثيق الالكتروني والميكرو فيلم

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# شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم

# بعض الوثائق الأصلية تالفة

**Menoufiya University**  
**Faculty of Veterinary Medicine**  
**Department of Poultry and Rabbit Diseases**

**STUDIES ON VERY VIRULENT INFECTIOUS  
BURSAL DISEASE (GUMBORO) IN CHICKENS**

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**(Poultry and Rabbit Diseases)**

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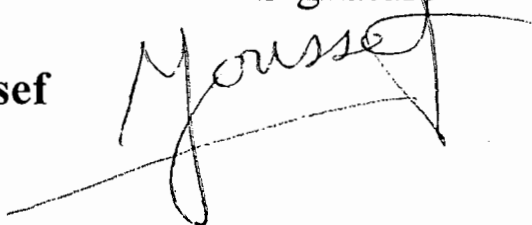
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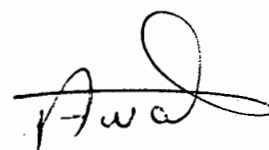
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# TO MY FAMILY

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### **List of abbreviations**

<b>Expressions</b>	<b>Abbreviations</b>
Agar gel precipitation test	AGPT
Antigen Capture ELISA.	AC-ELISA
Bursa of Fabricius	BF
Bursa/body ratio	B/B
Bursal index	BI
Coefficient of variance	CV
Enzyme-linked immunosorbent assay	ELISA
Harderian gland	HG
Infectious bursal disease	IBD
Infectious bursal disease virus.	IBDV
Maternally derived antibodies	MDA
Monoclonal antibodies	Mabs
Neutralization test	NT
Phosphate buffered saline	PBS
Polymerase chain reaction	PCR
Post-challenge	Pch
Post-vaccination	Pv
Restricted endonuclease- Polymerase chain reaction	RT-PCR
Severity index	SI
Specific pathogen free	SPF
Standard deviation	Sd
Very virulent infectious bursal disease virus.	vvIBDV
Variant infectious bursal disease virus.	vIBDV

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