



**Ain Shams University**

**Faculty of Science**

**Studies on L-methioninase Formation by**

**Some Yeast Isolates**

**Thesis**

**Submitted in Fulfillment for the Degree of Ph.D.**

**In**

**Microbiology**

**By**

**Amany Ahmed Hassabo Anise**

**M.Sc. (Microbiology) 2009**

**Department of Microbiology**

**Faculty of Science**

**Ain Shams University**

**2014**



قالوا سبحانك لا علم لنا إلا ما علمتنا

إنك أنت العليم الحكيم



سورة البقرة الآية (٣٢)

# **Studies on L-methioninase Formation by Some Yeast Isolates**

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## **Supervisors**

**Prof. Dr. Al-Zahraa Ahmed Karam Eldin**

Professor of Microbiology  
Department of Microbiology  
Faculty of Science Ain Shams University

**Prof. Dr. Mohsen Helmy Selim**

Professor of Microbial Chemistry  
Microbial Chemistry Department  
National Research Centre

**Prof. Dr. Moataza Mahmoud Saad**

Professor of Microbial Chemistry  
Microbial Chemistry Department  
National Research Centre

**Prof. Dr. Yousria Hasan Shetia**

Professor of Microbiology  
Department of microbiology  
Faculty of Science  
Ain Shams University

**Dr. El-Sayed Eliwa Mostafa**

Assistant professor of Microbial Chemistry  
Microbial Chemistry Department  
National Research Centre

# Approval Sheet

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Submitted by

**Amany Ahmed Hassabo Anise**

<b>Supervisors</b>	<b>Signature</b>
<b>Prof. Dr. Al-Zahraa Ahmed Karam Eldin</b> Professor of Microbiology, Department of Microbiology Faculty of Science, Ain Shams University	.....
<b>Prof. Dr. Mohsen Helmy Selim</b> Professor of Microbial Chemistry National Research Centre	.....
<b>Prof. Dr. Moataza Mahmoud Saad</b> Professor of Microbial Chemistry National Research Centre	.....
<b>Prof. Dr. Yousria Hasan Shetia</b> Professor of Microbiology, Department of Microbiology Faculty of Science, Ain Shams University	.....
<b>Dr. El-Sayed Eliwa Mostafa</b> Assistant professor of Microbiology, National Research Centre	.....

Date    /    /

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## List of Abbreviations

<b>CFE</b>	Cell free extract
<b>EDTA</b>	Ethylenediamine-tetraacetate
<b>MGL</b>	Methionine $\gamma$ -lyase
<b>MTL</b>	Methanethiol
<b>PLP</b>	Pyridoxal 5'-phosphate
<b>PMSF</b>	Phenylmethylsulfonylfloride
<b>SDS</b>	Sodium dodecyl sulfate
<b>SRB</b>	Sulfo-Rhodamine-B
<b>TFM</b>	Trifluoromethionine
<b>Tris</b>	Tris (hydroxymethyl) amino methane
<b>VSCs</b>	Volatile sulfur compounds