

# بسم الله الرحمن الرحيم



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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 يعبدا عن الغبار













بالرسالة صفحات لم ترد بالأصل







## Clinical Significance of Pokemon and Osteopontin genes in Hepatocellular Carcinoma among Egyptian Patients

A thesis submitted for award of the degree of Doctor of philosophy in science (Ph.D.) in Biochemistry

#### By Mona Mohamed Abd Elhakim Khalifa

#### Under the supervision of

#### **Prof. Ahmed Mohamed Hassan Salem**

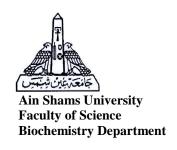
**Prof. Menha Mahmoud Swellam**Professor of Biochemistry
National Research Centre

Professor of Biochemistry Biochemistry Department Faculty of science Ain Shams University

#### Dr. Marwa Galal El-Deen Abdou Hegazy

Assistant Professor of Biochemistry
Faculty of Science
Ain Shams University

Biochemistry Department Faculty of Science Ain Shams University (2020)



#### Approval sheet

Name of Candidate : Mona Mohamed Abd Elhakim Khalifa

Title of the Thesis : Clinical Significance of Pokemon and Osteopontin genes in

**Hepatocellular Carcinoma among Egyptian Patients** 

This thesis has been approved for submission by the Supervisors:

#### Prof. Dr. Ahmed Mohamed Salem

Professor of Biochemistry, Faculty of Science, Ain Shams University

#### Prof. Menha Mahmoud Swellam

professor of Biochemistry, National Research Centre

#### Ass. Prof.. Marwa Galal El-Deen Abdou Hegazy

Assistant professor of Biochemistry, Faculty of Science, Ain Shams University

#### **Judgment Committee:**

#### Prof. Dr. Raouf Mohammed El-Allawy

professor of Biochemistry, National Organization for Drug Control and Research

#### Prof. Dr. Samar Kamal Kassim

Professor of Medical Biochemistry and Molecular Biology, Faculty of Medicine, Ain Shams University

#### Prof. Dr. Ahmed Mohamed Salem

Professor of Biochemistry, Faculty of Science, Ain Shams University

**Head of Biochemistry Department** 

## **Biography**

Name: Mona Mohmamed Abd Elhakim

Date and place of birth: 19/12/1977, Cairo

Date of graduation : May , 1999

Degree awarded: B.Sc of chemistry & zoology, Cairo

university

Master Degree: M.Sc in Biochemistry, 2005, Cairo university

**Date of registration**: 15/04/2015

Occupation: EX-Lecturer of chemistry, university college of

Samtah ,Jazan university, KSA

## **Declaration**

I declare that this thesis has been composed by myself and that this work, which has been recorded here in after has been done by myself. It has not been submitted for a degree at this or any other university.

## **Mona Mohamed**

### **Dedication**

I would like to dedicate this thesis with all my love to my husband Sayed abdel Gawad yehia and for my daughters Mariam, Hagar, Sara and Arwa and those from whom I have learned, whenever and wherever they are.

**Mona Mohmad**