

بسم الله الرحمن الرحيم



HOSSAM MAGHRABY



شبكة المعلومات الجامعية التوثيق الالكتروني والميكرو فيلم



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جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها
على هذه الأقراص المدمجة قد أعدت دون أية تغيرات



يجب أن

تحفظ هذه الأقراص المدمجة بعيدا عن الغبار

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بعض الوثائق الأصلية تالفة



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بالرسالة صفحات

لم ترد بالأصل



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Biochemical Studies on Some Tumor Markers

Thesis

Submitted in Partial Fulfillment of the
Requirements
For M.Sc. Degree in Agriculture Sciences

In
Biochemistry

By

Wafaa Mohamed Fathy

B.Sc. Agricultural Sciences (Food Sciences)
Faculty of Agriculture, Cairo University
(1994)

Biochemistry Department
Faculty of Agriculture
Cairo University
2005

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Biochemical Studies on Some Tumor Markers

By

Wafaa Mohamed Fathy

B.Sc. Agricultural Sciences (Food Science)
Faculty of Agriculture, Cairo University
(1994)

Under Supervision of

Professor

Dr. Ali Khalifa Ali

Prof. of Biochemistry
Previous Head of Oncology Diagnostic Unit
Faculty of Medicine- Ain Shams University

Professor

Dr. Awad Abbas Ragab

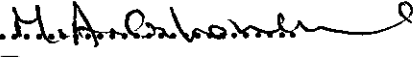
Prof. of Biochemistry
Faculty of Agriculture
Cairo University

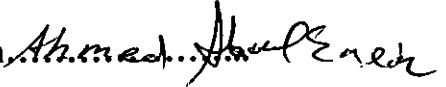
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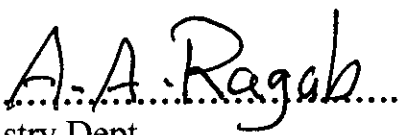
Title: Biochemical Studies on Some Tumor Markers

Name Wafaa Mohamed Fathy

This Thesis for M.SC. degree has been approved by

Professor Dr. Magdy Ahmed Ghoneim 
Professor of Biochemistry., Biochemistry Dept.
Faculty of Veter. Medicine , Cairo Univ.

Proessor Dr. Ahmed Mahmoud Aboul Enein 
Professor of Biochemistry. Biochemistry Dept.
Faculty of Agric., Cairo Univ.

Professor Dr. Awad Abbas Ragab 
Professor of Biochemistry, Biochemistry Dept.
Faculty of Agric. Cairo Univ.

Committee in Charge

Date 24/4/2005

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إهداء

إلى روح

والدي

Name of Candidate : Wafaa Mohamed Fathy Abd El-Kawy **Degree:** Master

Title of Thesis : Biochemical Studies on Some Tumor Markers

Supervisors : Prof. Dr. Awad Abbas Ragab, Prof. Biochemistry –

Faculty of Agriculture, Cairo University.

Prof. Dr. Ali Khalifa Ali , Prof. Biochemistry – Faculty of Medicine,
Ain Shams University.

Department : Biochemistry

Branch : Biochemistry

Approval : 

Abstract

The liver is affected by both benign and malignant tumoprs, metastatic malignant tumours of the liver are common in clinical practice and it is important to distinguish hepatocellular carcinoma from metastatic tumours, the differentiation between primary and secondary tumours can sometimes be difficult. This study will declare the usefulness of a panel of tumor markers in differential diagnosis of patients detected with hepatic focal lesions. This panel will include: Alfa fetoprotein (AFP), Cancer Antigen (CA19.9) and Carcino Embryonic antigen (CEA). This study include 22 healthy individual, 27 patients with hepatocellular carcinoma (Group 1), 20 patients with secondary liver metastasis from pancreas (Group 2), 10 patients with secondary liver metastasis from different organ and 18 patients with Hepatocellular carcinoma with HCV (Group 4). All assays carried out in the Oncology Diagnostic Unit, using commercially available MEIA kits on the automated immuno analyzer system IMx (Abbott diagnostic, USA). We showed that, AFP levels were significantly higher in all groups compared with control group with highest among patients with primary hepatocellular carcinoma, there is highly statistical difference between the control group and patients with metastatic liver tumours (Gr. 2,3), the best cut off value for AFP, CA19.9, CEA is 3.75, 20.65, 13.3. We concluded that AFP and CEA are good markers to differentiate between primary and secondary liver neoplasms respectively. AFP is a good diagnostic marker in primary liver tumours, CA19.9 is a good diagnostic marker in metastatic liver tumor of pancreatic origin.

