



Faculty of Pharmacy



Minia University

## **Dr/ Maiiada Hassan Nazmy**

Professor of Biochemistry

Biochemistry Department, Faculty of Pharmacy, Minia University, Minia, Egypt;

Tel: 0020862347759; Fax: 0020862369075; E-mail: [maiada\\_nazmy@mu.edu.eg](mailto:maiada_nazmy@mu.edu.eg)

### **EDUCATION:**

**1. PhD degree in Biochemistry:** Faculty of Pharmacy, Minia University (February 2010).

Title: "An aldose reductase inhibitor (ARI) and diallyl sulfide (DAS) as chemopreventive and chemosensitizing combination for hepatocellular carcinoma in experimental diabetic models".

**2. Master degree in Biochemistry:** Faculty of Pharmacy, Minia University (October 2005).

Title: "Effect of ( $\beta$ -alanyl-1-methyl-1-histidine) along with zinc against gamma radiation -induced hepatotoxicity in rats ".

**3. Bachelor of Pharmaceutical Sciences:** Faculty of Pharmacy, Minia University (May 2002), excellent grade (92.92%), the first position.

### **FELLOWSHIPS**

1- PhD fellowship (Biomedical research center, Dundee University, Scotland) (January 2008 – January 2009).

## **TEACHING QUALIFICATION**

### **TEACHING EXPERIENCE:**

- 1- Assistant professor: from March 2018 – up till now
- 2- Lecturer of Biochemistry: from March 2010- March 2018
- 3- Assistant lecturer of Biochemistry: from October 2005 to January 2010.
- 4- Demonstrator of Biochemistry: from September 2002 to September 2005.

### **TEACHING INTERESTS:**

#### **Undergraduate level**

- 1- Chemistry and metabolism of biological macromolecules.
- 2- Molecular Biology.
- 3- Clinical Biochemistry.
- 4- Cell Biology

#### **Postgraduate level**

- 1- Cancer Biology.
- 2- Gene therapy
- 3- Molecular Biology

### **TEACHING SKILLS:**

- 1- Effective presentation and communication.
- 2- Time management and organization.
- 3- Good Language and self-expression skills.
- 4- Social tolerance and ethical commitment.

## **AUTHORSHIP**

**Electronic courses:** Clinical biochemistry course (PP-803) designed for clinical pharmacy students, 8<sup>th</sup> semester.

**Books:** Sanaa Ahmed Ali Laila Mohamed Faddah and Maiada Hassan Nazmy “Role of Anserine against  $\gamma$ - radiation along with or without zinc: Hepatoprotective action of anserine against gamma radiation along with or without zinc on rat liver”, ISBN-10 : 3659462268, ISBN-13: 978-3659462269. Published by LAP LAMBERT Academic Publishing (September 22, 2013).

**Book chapter:** Mekheimer, Ramadan Ahmed, Abd-Elmonem, Mohamed, Abou Elsebaa, Mohamed, Nazmy, Maiiada Hassan and Sadek, Kamal Usef. "5 Recent developments in the green synthesis of biologically relevant cinnolines and phthalazines". Volume 2 Synthesis of Bioactive Scaffolds, edited by Rakesh Kumar Sharma and Bubun Banerjee, Berlin, Boston: De Gruyter, 2022, pp. 101-186. <https://doi.org/10.1515/9783110797428-005>.

## **RESEARCH QUALIFICATIONS**

### **RESEARCH EXPERINCE**

1. Post-doctoral fellow: (2010 – till now)
2. PhD Student: (2005 - 2010)
3. Master student: (2002 - 2005).

### **ACADEMIC SUPERVISION:**

#### **PhD degree:**

- 1- Khaled Mohamed Thabet  
Title: "The impact of mutations that might be present in HCV infected Egyptian patients (genotype 4a) viral genome on the progress of the disease".
- 2- Rania Alaa-Eldin Abdel-Hamid  
Title: "Effect of new synthetic derivative of ciprofloxacin on human cancer cells".
- 3- Dalia Hamdy Mohamed Abu-baih  
Title: "Effect of new comprestatin 4a derivative on human cancer cells".
- 4- Marwa Abdel-Moniem Eisa  
Title: " Effect of new derivative of ciprofloxacin on cancer".
- 5- El-Hussini Mousa Mohamed Mekki  
Title: "A study on the poosible effect of Boswellia Serrata in liver fibrosis models"
- 6- Mariam Mahros Fawzy  
Title: "Using mutationsIn the recombination activating genes to gain novel insights into V(D)J Recombination".

7- Esraa Mohammed Abdel-Hakim Montaser

Title: "Effect of Resveratrol on Epithelial-to-Mesenchymal Transition in Hepatocellular Carcinoma"

8- Rania Hamdy Abu-Baih

Title: "Effect of new synthetic ciprofloxacin derivative on different types of human cancers".

9- Mohammed Abo-Elsebaa Othman

Title: "Environmentally friendly organic synthesis: Synthesis of polyfunctionally substituted heterocycles with expected biological activity".

10- Nardeen Refaat Wadea

Title: "Investigation of new therapeutic agents in the treatment of Ischemia/Reperfusion injury in rats".

#### **Master degree:**

1- Mariam Mahros Fawzy

Title: "Possible virus-host interactions that may predict the progression of hepatitis C virus infection in subjects infected with genotype 4a".

2- Sahar Mohamed Saad El-Den

Title: "Validation of alpha L-fucosidase as a new marker for early diagnosis of hepatocellular carcinoma".

3- Marwa Abdel-Moniem Eisa

Title: "Study of the possible anti-cancer activity of a combination of pegylated interferon alfa-2 and ribavirin in rats".

4- Randa Mahmoud Mohamed Abdel-ghany

Title: "Possible role of insulin - like growth factors and adipokines in progression of hepatocellular carcinoma in diabetic and non-diabetic patients".

5- Rania Alaa Abdel-Hamid

Title: "Promoter hypermethylation of tumor-suppressor genes, DKK3, P16 and RASSF1A as novel biomarkers for early detection of liver cancer in Egyptian populations".

6- Hind Abdel-Fattah Abd Elhakam Mohammed

Title: "Comparative study for matrix metalloproteinases and their inhibitors as diagnostic tools in a spectrum of liver diseases".

7- Ebram William

Title: "Investigation of some host factors - single nucleotide polymorphism - as potential genetic biomarkers for hepatitis c virus outcome in Egyptian patients"

8- Ahmed Mohammed Fathi

Title: "A study on the Possible Protective Effect of Blackberry Leaves Extract on Hepatic Ischemia/Reperfusion Injury in Rats".

9- Omar Mahmoud Abdel-Aziz Elrehany

Title: "Biological Evaluation of Novel Xanthine-Chalcone Hybrides"

10- Somaya Gamal Sayed

Title: "A study on the Biological Evaluation of Novel Allyl Triazole Derivatives at molecular level".

#### **LIST OF PUBLICATIONS:**

##### **AS A LECTURER:**

- 1- Chowdhry, Sudhir & Nazmy, Maiiada Hassan & Meakin, Paul & Dinkova-Kostova, Albena & Walsh, Shaun & Tsujita, Tadayuki & Dillon, John & Ashford, Michael & Hayes, John. (2009). Loss of Nrf2 markedly exacerbates nonalcoholic steatohepatitis. Free radical biology & medicine. 48. 357-71. 10.1016/j.freeradbiomed.2009.11.007.
- 2- Abdel-Hamid, Nabil & Nazmy, Maiiada Hassan & Abdel-Bakey, A.I.. (2011). Polyol profile as an early diagnostic and prognostic marker in natural product chemoprevention of hepatocellular carcinoma in diabetic rats. Diabetes research and clinical practice. 92. 228-37. 10.1016/j.diabres.2011.02.003.
- 3- Abdel-Hamid, Nabil & Nazmy, Maiiada Hassan & Wahid, Ahmed & Fawzy, Michael & Youssof, Marco. (2011). A survey on herbal management of hepatocellular carcinoma. World journal of hepatology. 3. 175-83. 10.4254/wjh.v3.i7.175.
- 4- Abdel-Hamid, Nabil & Nazmy, Maiiada Hassan & Nazmy, Walaa. (2011). Vitamin C and diallyl sulfide as chemosensitizers to cisplatin in treating hepatocellular carcinoma. Journal of Solid Tumors. 1. 10.5430/jst.v1n3p90.
- 5- Abdel-Hamid, Nabil & Nazmy, Maiiada Hassan & Abd-Elghany, Manal & Nazmy, Walaa. (2012). Cytokines as important playmakers of experimental

- hepatocarcinogenesis confounded by diabetes. *Annals of hepatology*. 11. 118-27. 10.1016/S1665-2681(19)31495-4.
- 6- Abdel-Hamid, Nabil & Abd-Elghany, Manal & Nazmy, Maiiada Hassan & Amgad, S.W.. (2012). Can methanolic extract of *Nigella sativa* seed affect glyco-regulatory enzymes in experimental hepatocellular carcinoma?. *Environmental health and preventive medicine*. 18. 10.1007/s12199-012-0292-8.
  - 7- Abdel-Hamid, Nabil & Nazmy, Maiiada Hassan & Moustafa, Bakheet & El-din, Sahar. (2014). Priority of Alpha-L- Fucosidase Over Alpha fetoprotein in Early Detection of Hepatocellular Carcinoma in Animals and Human. *Acta Oncologica Turcica*. 47. 1-7. 10.5505/aot.2014.02886.
  - 8- Abdel-Hamid, Nabil & Mohafez, Omar & Nazmy, Maiiada Hassan & Farhan, A & Thabet, Khaled. (2015). The effect of co-administration of *Lawsonia inermis* extract and octreotide on experimental hepatocellular carcinoma. *Environmental health and preventive medicine*. 20. 10.1007/s12199-015-0451-9.
  - 9- Abouzied, Mekky & Eltahir, Heba & Fawzy, Michael & Abdel-Hamid, Nabil & Gerges, Amany & El-Ibiari, Hesham & Nazmy, Maiiada Hassan. (2015). Estimation of Leucine Aminopeptidase and 5-Nucleotidase Increases Alpha-Fetoprotein Sensitivity in Human Hepatocellular Carcinoma Cases. *Asian Pacific journal of cancer prevention : APJCP*. 16. 959-63. 10.7314/APJCP.2015.16.3.959.
  - 10 - Abd El-Rehim, Dalia & Abd-Elghany, Manal & Nazmy, Maiiada Hassan. (2015). Integrin-Linked Kinase, Snail and Multidrug Resistance Protein 1: Three concordant players in the progression of non-small cell lung cancer. *Journal of the Egyptian National Cancer Institute*. 61. 10.1016/j.jnci.2015.04.004.
  - 11 - Abdel-Hamid, Nabil & Abouzied, Mekky & Nazmy, Maiiada Hassan & Fawzy, Michael & Gerges, A. (2015). A suggested guiding panel of seromarkers for efficient discrimination between primary and secondary human hepatocarcinoma. *Tumour biology : the journal of the International Society for Oncodevelopmental Biology and Medicine*. 37. 10.1007/s13277-015-4025-7.
  - 12 - Nazmy M H and Abdel-Ghany M I. Serum markers versus histopathological scoring for discrimination between experimental fatty liver and non-alcoholic steatohepatitis. *Int Res J Med Med Sci* (2015); 3(3): 51-59

- 13 - Abdel-Hamid, Nabil & Nazmy, Maiiada Hassan & Wahid, Ahmed & Eisa, Marwa. (2015). Jerusalem artichoke attenuates experimental hepatic fibrosis via modulation of apoptotic signaling and fibrogenic activity. *Biochemistry and Biotechnology Research*. 3. 43-50.
- 14 - Abdel-Hamid, Nabil & SM, Abdel-Fattah & Nazmy, Maiiada Hassan & AS, Mahmoud. (2016). Extracellular Glycosaminoglycans in Management of Primary Hepatocellular Carcinoma Rather than Alpha Fetoprotein. *Journal of Disease Markers*. 3. 10.26420/jdismarkers.2016.1036.
- 15 - Abdel-Hamid, Nabil & Wahid, Ahmed & Nazmy, Maiiada Hassan & Eisa, Marwa. (2016). Synergistic Effects of Jerusalem Artichoke in Combination with Pegylated Interferon Alfa-2a and Ribavirin Against Hepatic Fibrosis in Rats. *Asian Pacific journal of cancer prevention: APJCP*. 17. 1979-1985. 10.7314/APJCP.2016.17.4.1979.
- 16 - Abdel-Hamid, Nabil Mohie et al. "A suggested guiding panel of seromarkers for efficient discrimination between primary and secondary human hepatocarcinoma." *Tumor Biology* 37 (2016): 2539-2546.
- 17 - Mahrous, Mariam & Wahid, Ahmed & Nazmy, Maiiada Hassan & Hashem, Mohamed & Waked, Imam & Abdelwahab, Sayed. (2016). Association of Interleukin-27 rs 153109 Single Nucleotide Polymorphism with Spontaneous Resolution of Hepatitis C Virus - Genotype 4a Infection in Egyptian Patients. *Asian Pacific journal of cancer prevention: APJCP*. 17. 2093-2097. 10.7314/APJCP.2016.17.4.2093.
- 18 - Thabet, Khaled & Chan, Henry & Petta, Salvatore & Mangia, Alessandra & Berg, Thomas & Boonstra, Andre & Brouwer, Willem Pieter & Abate, Maria & Wong, Vincent & Nazmy, Maiiada Hassan & Fischer, Janett & Liddle, Christopher & George, Jacob & Eslam, Mohammed. (2017). The MBOAT7 variant rs641738 increases inflammation and fibrosis in chronic hepatitis B. *Hepatology (Baltimore, Md.)*. 65. 10.1002/hep.29064.
- 19 - Abouzied, Mekky & Nazmy, Maiiada Hassan & Mohamed, Randa & Fawzy, Michael & Eltahir, Heba. (2017). Diagnostic utility of leptin and insulin-like growth factor binding protein-2 in hepatocellular carcinoma of diabetic and non-diabetic Egyptian patients. *Tropical Journal of Pharmaceutical Research*. 16. 211. 10.4314/tjpr.v16i1.28.

- 20- Eltahir, Heba & Nazmy, Maiiada Hassan. (2017). Esomeprazole ameliorates CCl<sub>4</sub> induced liver fibrosis in rats via modulating oxidative stress, inflammatory, fibrogenic and apoptotic markers. Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie. 97. 1356-1365. 10.1016/j.biopha.2017.11.028.

**AS AN ASSISTANT PROFESSOR:**

- 1- THARWAT, EBRAM & GAD, GAMAL & NAZMY, MAIIADA HASSAN & MOHAMED, HALA & HAMZA, NOURAN & WAHID, AHMED & IBRAHIM, AHMED. (2018). IMPACT OF IL-27P28 (RS153109) AND TNF-A (RS1800629) GENETIC POLYMORPHISMS ON THE PROGRESSION OF HCV INFECTION IN EGYPTIAN PATIENTS. IMMUNOLOGICAL INVESTIGATIONS. 48. 1-13. 10.1080/08820139.2018.1510958.
- 2- ABD-ELHAKAM, A & EL-DEEB, THORAYA & ABDELLAH ALI, HEBA & SHOMAN, MAI & BESHR, EMAN & ABDEL-AZIZ, MOHAMED, NAZMY, MAIIADA HASSAN (2019). SYNTHESIZED OXIME AND KETONE DERIVATIVES OF IBUPROFEN, HAVE HIGHER HEPATIC SAFETY PROFILE AND HEPATOPROTECTIVE POTENTIAL AGAINST ACUTE CCL<sub>4</sub> -INDUCED HEPATOTOXICITY IN RATS. JOURNAL OF ADVANCED BIOMEDICAL AND PHARMACEUTICAL SCIENCES. 2. 185-226. 10.21608/JABPS.2019.15584.1053.
- 3- ALAAELDIN, RANIA & NAZMY, MAIIADA HASSAN & FATHY, MOUSTAFA. (2020). TARGETING APOPTOSIS AS A THERAPEUTIC APPROACH IN CANCER. 31. 321-334.
- 4- ELTAHIR, HEBA & ALAMRI, GHADI & ALAMRI, ASMAA & ALOUFI, ASMAA & NAZMY, MAIIADA HASSAN & ELBADAWY, HOSSEIN & BAHASHWAN, SALEH & ELBADAWY, HOSSEIN & ALAHMADI, YASER & ABOUZIED, MEKKY. (2020). THE METABOLIC DISORDERS ASSOCIATED WITH CHRONIC CONSUMPTION



- OF SOFT AND ENERGY DRINKS IN RATS\*. ACTA BIOCHIMICA POLONICA. 67. 10.18388/ABP.2020\_2914.
- 5- THAGFAN, SULTAN & QAWY, ABDEL & FAWZY, MICHAEL & ALI, ARWA & ABDEL-LATIF, MOHAMED & ELTAHIR, HEBBA & ELBADAWY, HOSSEIN & ALAHMADI, YASER & MOHAFZ, OMAR & ABOUZIED, MEKKY & **NAZMY, MAIADA HASSAN.** (2020). P53 AND ENDOGLIN, TWO BIOMARKERS FOR PREDICTING HBV AND HEPATOCELLULAR CARCINOMA IN EGYPTIAN PATIENTS. JOURNAL OF ADVANCED BIOMEDICAL AND PHARMACEUTICAL SCIENCES. 10.21608/JABPS.2020.24533.1075.
  - 6- **NAZMY, MAIADA HASSAN** & MEKHEIMER, RAMADAN & SHOMAN, MAI & ABO-ELSEBAA, MOHAMED & ABD-ELMONEM, MOHAMED & SADEK, KAMAL. (2020). DENSELY FUNCTIONALIZED CINNOLINES: CONTROLLED MICROWAVE-ASSISTED FACILE ONE-POT MULTI-COMPONENT SYNTHESIS AND IN VITRO ANTICANCER ACTIVITY VIA APOPTOSIS INDUCTION. BIOORGANIC CHEMISTRY. 101. 103932. 10.1016/J.BIOORG.2020.103932.
  - 7- ALAAELDIN, RANIA & **NAZMY, MAIADA HASSAN** & ABDEL-AZIZ, MOHAMED & ABUO-RAHMA, GAMAL EL-DIN & FATHY, MOUSTAFA. (2020). CELL CYCLE ARREST AND APOPTOTIC EFFECT OF 7-(4-(N-SUBSTITUTED CARBAMOYLMETHYL) PIPERAZIN-1-YL) CIPROFLOXACIN-DERIVATIVE ON HCT 116 AND A549 CANCER CELLS. ANTICANCER RESEARCH. 40. 2739-2749. 10.21873/ANTICANRES.14245.
  - 8- EISA, MARWA & FATHY, MOUSTAFA & **NAZMY, MAIADA HASSAN.** (2021). POTENTIAL COX2 MEDIATED THERAPEUTIC EFFECT OF CIPROFLOXACIN. MINIA JOURNAL OF MEDICAL RESEARCH. 32. 47-57. 10.21608/MJMR.2021.242989.

- 9- **NAZMY, MAIADA HASSAN** & ABU-BAIH, DALIA & EL-REHANY, MAHMOUD & FATHY, MOUSTAFA. (2021). PATHWAYS OF TRIPLE NEGATIVE BREAST CANCER. MINIA JOURNAL OF MEDICAL RESEARCH. 32. 1-3. 10.21608/MJMR.2021.241645.
- 10- EISA, MARWA & FATHY, MOUSTAFA & ABU-RAHMA, GAMAL EL-DIN & ABDEL-AZIZ, MOHAMED & **NAZMY, MAIADA HASSAN**. (2021). ANTI-PROLIFERATIVE AND PRO-APOPTOTIC ACTIVITIES OF SYNTHESIZED 3,4,5 TRI-METHOXY CIPROFLOXACIN CHALCONE HYBRID, THROUGH P53 UP-REGULATION IN HEPG2 AND MCF7 CELL LINES. ASIAN PACIFIC JOURNAL OF CANCER PREVENTION. 22. 3393-3404. 10.31557/APJCP.2021.22.10.3393.
- 11- MEKHEIMER, RAMADAN & ABD-ELMONEM, MOHAMED & ELSEBAA, MOHAMED & **NAZMY, MAIADA HASSAN** & SADEK, KAMAL. (2022). RECENT DEVELOPMENTS IN THE GREEN SYNTHESIS OF BIOLOGICALLY RELEVANT CINNOLINES AND PHTHALAZINES. PHYSICAL SCIENCES REVIEWS. 10.1515/PSR-2021-0091.
- 12- ZAKI, MARCO & M. FATHI, AHMED & SAMIR, SAMARA & ELDAFASHI, NARDEEN & WILLIAM, KEROLIS & **NAZMY, MAIADA HASSAN** & FATHY, MOUSTAFA & GILL, UPKAR & SHETTY, SHISHIR. (2022). INNATE AND ADAPTIVE IMMUNOPATHOGENESES IN VIRAL HEPATITIS; CRUCIAL DETERMINANTS OF HEPATOCELLULAR CARCINOMA. CANCERS. 14. 1255. 10.3390/CANCERS14051255.
- 13- **NAZMY, MAIADA HASSAN** & MEKHEIMER, RAMADAN & SHOMAN, MAI & ABO-ELSEBAA, MOHAMED & ABD-ELMONEM, MOHAMED & SADEK, KAMAL. (2022). CONTROLLED MICROWAVE-ASSISTED REACTIONS: A FACILE SYNTHESIS OF

POLYFUNCTIONALLY SUBSTITUTED PHTHALAZINES AS DUAL EGFR AND PI3K INHIBITORS IN CNS SNB-75 CELL LINE. BIOORGANIC CHEMISTRY. 122. 105740. 10.1016/J.BIOORG.2022.105740.

- 14- MEKHEIMER, RAMADAN & ABD-ELMONEM, MOHAMED & ELSEBAA, MOHAMED & NAZMY, MAIADA HASSAN & SADEK, KAMAL. (2022). 5 RECENT DEVELOPMENTS IN THE GREEN SYNTHESIS OF BIOLOGICALLY RELEVANT CINNOLINES AND PHTHALAZINES. 10.1515/9783110797428-005.
- 15- FAWZY, MICHAEL & H. ABU-BAIH, RANIA & ABU-RAHMA, GAMAL EL-DIN & ABU-RAHMA, A & MOHAMED, ISLAM & EL-SHEIKH, AZZA & NAZMY, MAIADA HASSAN. (2023). IN VITRO ANTICANCER ACTIVITY OF NOVEL CIPROFLOXACIN MANNICH BASE IN LUNG ADENOCARCINOMA AND HIGH- GRADE SEROUS OVARIAN CANCER CELL LINES VIA ATTENUATING MAPK SIGNALING PATHWAY SPECIAL ISSUE MOLECULAR TARGETS AND MECHANISMS OF ACTION OF ANTI-CANCER AGENTS. MOLECULES. 28. 10.3390/MOLECULES28031137.
- 16- H. ABU-BAIH, RANIA & FAWZY, MICHAEL & NAZMY, MAIADA HASSAN. (2023). THE PROSPECTIVE POTENTIAL OF FLUOROQUINOLONES AS ANTICANCER AGENTS. JOURNAL OF MODERN RESEARCH. 5. 10.21608/JMR.2022.166535.1094.
- 17- HEBA M ELTAHIR, HOSSEIN M ELBADAWY, ALI ALALAWI, AHMED J. ALDHAFIRI, SABRIN RM IBRAHIM, GAMAL A MOHAMED, ABDEL-GAWAD S. SHALKAMI, MOHANNAD A ALMIKHLAFI, MUAYAD ALBADRANI, MEKKY M ABOUZIED, MAIADA H NAZMY ALPHA-MANGOSTIN AMELIORATES ACUTE KIDNEY INJURY VIA MODIFYING LEVELS OF CIRCULATING TNF-A AND IL-6 IN GLYCEROL-INDUCED RHABDOMYOLYSIS ANIMAL

MODEL. ACTA BIOCHIMICA POLONICA (2023) XXXX  
(ACCEPTED FOR PUBLICATION)

????- AHMED M. FATHI, SHAIMAA WAZ, EMAN ALAAELDIN, NISREEN D. M. TONI, AZZA A. K. EL-SHEIKH, AHMED M. SAYED, USAMA RAMADAN ABDELMOHSEN AND MAIADA H. NAZMY. BLACKBERRY-LOADED AGNPS ATTENUATE HEPATIC ISCHEMIA/REPERFUSION INJURY VIA PI3K/AKT/MTOR PATHWAY. METABOLITES 2023, 13, 419.  
[HTTPS://DOI.ORG/10.3390/METABO13030419](https://doi.org/10.3390/metabo13030419)

????- MARIAM FAWZY, MAIADA HASSAN NAZMY, MOUSTAFA FATHY. RAG1: THE CORNERSTONE GENE INVOLVED IN VARIOUS IMMUNE DISEASES AND CANCERS. MAY 2023. BULLETIN OF PHARMACEUTICAL SCIENCES ASSIUT. DOI:10.21608/BFSA.2023.202885.1700

??-MARIAM FAWZY, MAIADA HASSAN NAZMY, MOUSTAFA FATHY. BIOINFORMATIC ANALYSIS OF SOME RAG MUTATIONS CONTRIBUTING TO THE PRIMARY IMMUNODEFICIENCIES. JUNE 2023. MINIA JOURNAL OF MEDICAL RESEARCH. DOI:10.21608/MJMR.2023.210031.1391

????- ASMAA M.A. BAYOUMI<sup>1</sup>#, ESRAA M.M.A. KHALIFA<sup>1</sup>\* , MOHAMED M. SAYED-AHMED<sup>2</sup> , MARWA SHARAKY<sup>2</sup> AND MAIADA H. NAZMY. RESVERATROL INHIBITS EPITHELIAL-MESENCHYMAL T+RANSITION IN HEPATOCELLULAR CARCINOM. J. ADV. BIOMED. & PHARM. SCI. 7 (2024) 37 - 40

????- ELDAFASHI, NARDEEN & WAAZ, SHAIMAA & ALI, TAHA & ZAKI, MARCO & NAZMY, MAIADA HASSAN & FATHY, MOUSTAFA. (2024). THE PROTECTIVE ROLE OF TWO OXINDOLE DERIVATIVES IS MEDIATED BY MODULATING NLRP3/CASPASE-1 AND PI3K/AKT PATHWAYS IN A PRECLINICAL ANIMAL MODEL OF

HEPATIC ISCHEMIA REPERFUSION INJURY. LIFE SCIENCES. 352. 122872. 10.1016/J.LFS.2024.122872.

????- ELREHANY, OMAR & AHMED, AL-SHAIMAA & ABOU-ZIED, HESHAM & M HAYALLAH, ALAA & ABDEL-AZIZ, MOHAMED & NAZMY, MAIADA HASSAN. (2024). INVESTIGATION OF ANTICANCER MECHANISMS OF A CHALCONE/XANTHINE HYBRID IN NON-SMALL CELL LUNG CANCER. BULLETIN OF PHARMACEUTICAL SCIENCES ASSIUT UNIVERSITY. 10.21608/BFSA.2024.305647.2224.

### **RESEARCH INTERESTS**

- 1- Molecular mechanisms involved in progression of cancer.
- 2- Novel diagnostic and prognostic biomarkers for cancer.
- 3- Effective chemopreventive and chemosensitizing agents.
- 4- Risk factors for cancer.

### **RESEARCH SKILLS**

- Technical skills: Information management, data analysis (Graphpad prism), bibliographic database (EndNote) and communications software.
- Professional skills: Enzyme linked immunosorbent Assay (ELISA), Western blotting, Polymerase Chain Reaction (PCR) techniques, MTT assay, Flow cytometry.

### **FACULTY ACTIVITIES**

- 1- Executive Member of Clinical Biochemistry and Molecular Biology unit.
- 2- Member of Curriculum Advisory Committee.
- 3- Member of Student Affairs Committee.
- 4- Member of Laboratory Improvement Committee.

### **AWARDS:**

- Minia University Publication Award for the International Publishing (2020).

**Head of Department**

**Dean of Faculty**