



Chemistry department
(Biochemistry Division)
Faculty of Science
Minia University



جامعة المنيا
كلية العلوم
قسم الكيمياء
(الكيمياء الحيوية)



CURRICULUM VITAE

Prof. Dr. OTHMAN ALI OTHMAN

Permanent address: Chemistry Department (Biochemistry Division)
Faculty of Science - Minia University
El-Minia 61519 - EGYPT

Tel :- **Mobile** : 01099632168

E-mail : osman.mouftah@mu.edu.eg and othman_egy@yahoo.com

Nationality :- Egyptian

Languages :- English and French

Computer :- Knowledge and use

Education :-

Ph. D. :- Catholique University, Brussels, Belgium 1999

“Studies on Urinary Proteins from Schistosomiasis Patients and Experimental Schistosomicides”

Research carried out between Minia University and Catholique University, Belgium (Channel System).

M. Sc. Minia University

“Analysis of Proteins from Bilharzia Patients”

Employment :-

Demonstrator: Chemistry Department (Biochemistry Division) - Faculty of Science – Minia University, El-Minia, Egypt

Assistant Lecturer: Chemistry Department (Biochemistry Division) - Faculty of Science – Minia University, El-Minia, Egypt

Ph.D. Student: Catholique University, Brussels, Belgium.

Lecturer of Biochemistry: Chemistry Department (Biochemistry Division) –
Faculty of Science – Minia University, El-Minia, Egypt

Assistant Lecturer of Biochemistry:- Chemistry Department (Biochemistry
Division) - Faculty of Science – Minia University, El-Minia, Egypt

Experience:-

Research:-

Biochemical studies of chemical toxicity. Studies of toxicity of Bacteria on liver and kidney. Immunotoxicity of Bacteria. Studies hepatoprotective of natural product against toxicity of chemicals. *Schistosoma Haematobium* - Nephropathy. Biochemical studies and hypoglycemic effect of natural product. Antidiabetic effect of natural product and effect on kidney and liver function. Low and High Molecular Weight Protein Markers. Schistosomicidal Activity of a synthetic metabolite analogue of praziquantel. Synthesis of new organic compounds with biological activity against pathogenic microbes. Chemical composition and antibacterial activity of essential oil of natural products. Assessment of Markers levels in sera of patients with some diseases.

Teaching:

Undergraduate courses in Biochemistry

- 1 - Fundamentals of Biochemistry 1
- 2 – Basic Principle of Biochemistry 2
- 3 – Metabolism of Carbohydrate and Lipid
- 4 – Metabolism of Amino Acids and Proteins
- 5 – Practical Biochemistry 1
- 6 – Practical Biochemistry 2
- 7 – Practical Biochemistry 3
- 8 – Biological body fluids and vital functions
- 9 – Practical Biochemistry 4
- 10 – Metabolism of Nucleic Acid and Nucleotides
- 11 – Laboratory Biochemistry and Clinical Practice

12 – Clinical Chemistry and Drug Analysis

13 – Drug Chemistry

14 – Advanced Applied Biochemistry

Post graduate courses in Biochemistry

A – Specialized Postgraduate Diploma (Diploma in Biochemistry)

1 – Metabolism and Genetic Disorder

2 – Antibiotics and Chemotherapy

3 – Selected Topics in Biochemistry

4 – Toxicology

5 – Analytical Biochemical (1)

6 – Advanced Practical Biochemistry

7 – Biological Fluids

8 - Introductory Forensic Chemistry

B – Master's courses

1 – Advanced Enzymology

2 – Signal Transduction

3 – Bio-organic Chemistry

4 – Practical Biochemistry

5 – Selected Topics in Biochemistry 1

6 – Clinical Biochemistry

7 – Instrumental Analysis

C – PhD courses

1 –Diagnostic Enzymes and Proteome

2 – Special Topics in Biochemistry 2

3 – Advanced Bio-organic Chemistry

Supervision of Theses & Dissertations

Ph. D. Thesis

1 - A Study of the Expected Role of Vitamin D Supplementation in the Prevention and Treatment of Liver Fibrosis Induced in Rats

Presented by

Fatma Amer Ahmed

Supervised by:-

1 - Prof. Dr. Mahmoud Abd-Elazziz El Rehany

Professor of Biochemistry – Faculty of Medicine – Mania University

2 – Associate Prof. Othman Ali Othman

Assistant Professor- Chemistry Department (Biochemistry Division)-Faculty of Science-Minia University

2 – Estimation of Epithelial – Mesenchymal Transition (EMT) Biomarkers in Hepatitis C Virus – Treated Patients: Early Predictors for the Development of Hepatocellular Carcinoma

Presented by

Alshimae magdy

Supervised by:-

1 – Ass. Prof. Hisham Ismail

Assistant Professor- Chemistry Department (Biochemistry Division)-Faculty of Science-Minia University

2 – Associate Prof. Othman Ali Othman

Ass, Professor- Chemistry Department (Biochemistry Division)-Faculty of Science-Minia University

3 – Prof. Hoda M. El-Emshaty

Gastrointestinal Surgery Center, Faculty of Medicine, Mansoura University, Mansoura

4- Prof Mohamed Sultan

Gastrointestinal Surgery Center, Faculty of Medicine, Mansoura University, Mansoura

3 – Investigation of the protective effect of natural products against pancreatic toxicity

Presented by

ALshaimaa Mostafa Abdelhamid Mohammad.

Supervised by

1 – Associate Prof. Othman Ali Othman

Ass. Professor- Chemistry Department (Biochemistry Division)-Faculty of Science-Minia University

2 – Dr. Mostafa Assem Mostafa *Darwish*

Lecturer of Pharmacology and Toxicology, Faculty of Pharmacy- Sphinx University- Assuit

4 - Investigation of new biochemical markers correlated with diabetes mellitus in in vivo model

Presented by:-

Sahar Sayed Kamal Taha

1 - Ass. Prof. Othman Ali Othman

Ass. Professor- Chemistry Department (Biochemistry Division)-Faculty of Science-Minia University

2 – Dr. Mostafa Assem Mostafa *Darwish*

Lecturer of Pharmacology and Toxicology, Faculty of Pharmacy- Sphinx University- Assuit

M. Sc. Thesis

1- Immunochemical Assessment of a Circulating Protein Biomarker of Colorectal Cancer

Alshimae magdy

Supervised by:-

1 – Ass. Prof. Hisham Ismail

Assistant Professor- Chemistry Department (Biochemistry Division)-Faculty of Science-Minia University

2 – Ass. Prof. Othman Ali Othman

Ass, Professor- Chemistry Department (Biochemistry Division)-Faculty of Science-Minia University

3 – Hoda M. El-Emshaty

Gastrointestinal Surgery Center, Faculty of Medicine, Mansoura University, Mansoura

2 - Biochemical Studies for the Identification of Kinetin Protective Effect Against Anticancer Drugs

Presented by

ALshaimaa Mostafa Abdelhamid Mohammad.

Supervised by

1 - Ass. Prof. Othman Ali Othman

Ass. Professor- Chemistry Department (Biochemistry Division)-Faculty of Science-Minia University

2 - Ass. Prof. Eman Maher Othman

Assistant Professor- Biochemistry Department -Faculty of Pharmacy-Minia University

3 - Biochemical Evaluation of Eugenol Protective Effect on Carbon Tetrachloride-Induced Renal Injury in Rats

Presented by

Yasmeen Mahmoud Abdelgwad Hussien

Under Supervision

1 - Ass. Prof. Othman Ali Othman

Ass. Professor- Chemistry Department (Biochemistry Division)-Faculty of Science-Minia University

2 - Ass. Prof. Eman Maher Othman

Assistant Professor- Biochemistry Department -Faculty of Pharmacy-Minia University

4 – Biochemical Identification and Screening of Kinetin Effect in Mammalian cells

Presented by

Gehad Mahmoud Mohamed Morsy Al-Rashidy

Supervised by

1 - Ass. Prof. Othman Ali Othman

Ass. Professor- Chemistry Department (Biochemistry Division)-Faculty of Science-Minia University

2 - Ass. Prof. Eman Maher Othman

Ass. Professor- Biochemistry Department -Faculty of Pharmacy-Minia University

5 - Predictive Value of Serum insulin like Growth factor-one in Hepatocellular carcinoma

Presented by

Angham Ahmed Ezzat Mahmoud

Supervised by

1 - Ass. Prof. Othman Ali Othman

Ass. Professor- Chemistry Department (Biochemistry Division)-Faculty of Science-Minia University

2 - Ass. Prof. Eman Maher Othman

Assistant Professor- Biochemistry Department -Faculty of Pharmacy-Minia University

6 - Biochemical Studies on HBV-associated liver diseases

Presented by

Sahar Sayed Kamal Taha

Supervised by

1 - Ass. Prof. Othman Ali Othman

Ass. Professor- Chemistry Department (Biochemistry Division)-Faculty of Science-Minia University

2 - Ass. Prof. Eman Maher Othman

Assistant Professor- Biochemistry Department -Faculty of Pharmacy-Minia University

7 - The Use of apoptotic Markers in Early Prediction of advanced liver Diseases

Presented by

Alshimae fathy

Supervised by:-

1 – Ass. Prof. Hisham Ismail

Assistant Professor- Chemistry Department (Biochemistry Division)-Faculty of Science-Minia University

2 – Ass. Prof. Othman Ali Othman

Ass. Professor- Chemistry Department (Biochemistry Division)-Faculty of Science-Minia University

8 - Evaluation of Some Alzheimer's Specific Proteins and Associated Enzymes Before and After Treatment with Extracts of Environmental Medicinal Plants

Presented by

Mervat Hassan

Supervisor by

1 – Ass. Prof. Hisham Ismail

Assistant Professor- Chemistry Department (Biochemistry Division)-Faculty of Science-Minia University

2 – Ass. Prof. Othman Ali Othman

Ass. Professor- Chemistry Department (Biochemistry Division)-Faculty of Science-Minia University

3 - Olfat Hammam

Therapeutic Chemistry Department, Pharmaceutical Industries Research Institute, National Research Center, Cairo, Egypt

9 - Biochemical Estimation and Validation of some Biomarkers for Early Detection of Hepatocellular Carcinoma

Presented by

Marwa ramdan

Supervisor by

1 – Ass. Prof. Hisham Ismail

Assistant Professor- Chemistry Department (Biochemistry Division)-Faculty of Science-Minia University

2 – Ass. Prof. Othman Ali Othman

Ass. Professor- Chemistry Department (Biochemistry Division)-Faculty of Science-Minia University

10 - Biochemical Studies on the Detection of a Biomarker of Alzheimer's Disease

Presented by

Fatma Medhat

Supervisor by

1 – Ass. Prof. Hisham Ismail

Assistant Professor- Chemistry Department (Biochemistry Division)-Faculty of Science-Minia University

2 – Ass. Prof. Othman Ali Othman

Ass. Professor- Chemistry Department (Biochemistry Division)-Faculty of Science-Minia University

11 - Biochemical studies on laboratory evaluation of some hormones

Presented by

Reham Alaa Sayed

Supervisor by

1 – Ass. Prof. Othman Ali Othman

Ass. Professor- Chemistry Department (Biochemistry Division)-Faculty of Science-Minia University

2 - Ahmed Qasem Mohammed

Assistant professor of Hepatology, Gastroenterology and infectious diseases Al-Azhar University Hospital-Assiut,

12 – Biochemical evaluation of serum Osteopontin level as marker of Hepatocellular Carcinoma

Presented by

Hanaa Amer Ahmed Mohamed

Supervisor by

1 – Ass. Prof. Othman Ali Othman

Ass. Professor- Chemistry Department (Biochemistry Division)-Faculty of Science-Minia University

2 - Ahmed Qasem Mohammed

Assistant professor of Hepatology, Gastroenterology and infectious diseases Al-Azhar University Hospital-Assiut,

13 - Biochemical studies the role of vitamin and mineral in Diabetes Mellitus Progression in rats

Presented by

Mahmoud Fadel Bakr Mohamed

Supervisor by

1 - Prof. Dr. Mahmoud Abd-Elazziz El Rehany

Professor of Biochemistry – Faculty of Medicine – Mansoura University

2 – Ass. Prof. Othman Ali Othman

Ass. Professor- Chemistry Department (Biochemistry Division)-Faculty of Science-Minia University

14 – Bio studies of some useful biomarker connotations of rheumatoid arthritis

Presented by

Nada Hussien Abdelhakiem Mosa

1 – Ass. Prof. Othman Ali Othman

Ass. Professor- Chemistry Department (Biochemistry Division)-Faculty of Science-Minia University

2 - Dr. AlShimaa Mamdouh Abdel-Naiem Ali

Lecturer of Rheumatology, Rehabilitation and Physical medicine – Faculty of medicine – Minia University

MEMBERSHIP IN PROFESSIONAL SOCIETIES

- 1- Member of Egyptian Society of Biochemistry & Molecular Biology**
- 2- Member of Egyptian-German Society of Zoology**
- 3- Member of Egyptian Society of Toxicology**
- 4- Member of Egyptian Society of Clinical Chemistry**
- 5- Member of Egyptian Society of Immunologists**
- 6- Member of Egyptian Society of Physiological Sciences**
- 7- Member of Egyptian Society of Union of Arab Biologists**

Link to Homepage:-

- 1- ORCID ID .<https://orcid.org/0000-0003-4061-6929>
- 2- <https://www.linkedin.com/in/dr-othman-ali-othman-2616b566/>
- 3- <https://www.researchgate.net/profile/Othman-Othman-23>
- 4- <https://scholar.google.com.eg/citations?hl=en&user=uvWdm3kAAAAJ>
- 5- <https://scholar.google.com/scholar?scilib=1&hl=en>
- 6- <https://arabscientists.azurewebsites.net/Manage/Index>

PAPERS PRESENTED AT SCIENTIFIC MEETINGS

1- International Conferences and Meetings

- 1- The Seventh International Symposium on Applied Bioinorganic Chemistry (ISABC-7) held on 1 – 5 April 2003 in Guanajuato City, MEXICO.**

“Hypoglycemic effect of *Coriandrum sativum* and *Terminalia chebula* on alloxan induced diabetic rats”

- 2- BIFI 2004-I International Conference, Zaragoza (Spain) Biology after the genome: a physical view 11 – 13 February 2004**

(Treatment of some biochemical disorders by *Nigella Sativa* extract against liver damage induced by thioacetamide in albino rats)

2- National Conferences and Meetings

**1- 23rd International Annual Ain Shams Medical Congress Cairo – Egypt
February 21 – 24, 2000.**

(Pathophysiology of experimental *Aeromonas hydrophila* infection in albino rats)

**2- 46th Scientific Congress (International Meeting) of the Egyptian Society
of Clinical Chemistry. Cairo, Egypt Feb. 12-14, 2001.**

(Hypoglycemic and Biochemical effects of some medicinal plant extracts on
alloxan induced diabetic rats)

**3- 6th Scientific Conference, Quality Control of Drugs, Vaccines and
Natural Products. Cairo, Egypt from 23 – 25 March 2002.**

(Hypoglycemic effect of *Ambrosia maritima* and *Origanum majorana* on
alloxan induced diabetic rats)

**4- 50th Scientific Congress ESCC (International Meeting) Main Theme,
Laboratory and Genomic Medicine. Cairo, Egypt December 17 – 19, 2002**

(Antidiabetic effect of *Coriandrum sativum* and *Terminalia chebula*, on blood
glucose, kidney and liver function in alloxan induced diabetic rats)

**5- The Annual National Conference of the Egyptian Society of
Biochemistry and Molecular, Biology Cairo, Egypt. December 26, 2002.**

(Treatment Laminarin (β -1,3-D-glucan) Reverses Elevated Triiodothyronine,
Thyroxine and Testosterone Levels Induced By *Aeromonas Hydrophila*)

**6- The 20th Anniversary of the Egyptian Society of Toxicology, Bibliotheca,
Cairo, Egypt Feb. 18 -19, 2004.**

The protective effect of *Ambrosia maritima* against toxicity of *Diplostomum
tregenna* Nazmi Gohar, 1932 in Albino rats

**7 – First Scientific Conference- 14 Marsh 2023 at Faculty of Pharmacy,
Merit University, Sohag, Egypt**

Efficacy and safety of Tenofovir Disoproxil Fumarate in Egyptian patients with
chronic hepatitis B virus infection

**8 – World Conference on Medical oncology & Hematology (WCMOH-23) –
18th February, Dubai, UAE.**

Kinetin abrogates cisplatin toxicity via suppression of DNA damage, oxidative
inflammation and apoptotic signaling

List of Publication

- 1 - Cedric Hermans, **Osman Aly**, Britt-Inger Nyberg, Christer Peterson, Alfred Bernard. Determination of Clara Cell Protein (CC16) concentration in serum: a reassessment with two different immunoassays. Clinica Chimica Acta Volume 272, Issue 2, 27 April 1998, Pages 101-110. [https://doi.org/10.1016/S0009-8981\(98\)00006-0](https://doi.org/10.1016/S0009-8981(98)00006-0). This study was supported by the European Union (EV4-CT96-0171) and the National Fund for Scientific Research (Belgium).
- 2 - Mohamed YS., Tantaway, AA., **Osman OA**. Schistosomicidal activity of a synthetic metabolite analogue of praziquantel using Golden Hamsters infected by Schistosoma Mansoni. J. Union Arab Biol. Cairo. Vol 9 (A) 257-266, ISSN 1110-5372, Nov. (1998).
- 3 - Mohamed YS., **Osman OA**., Bernard A., Hermans C. Schistosoma haematobium nephropathy: low and high molecular weight proteins from the urine of patient with Schistosoma haematobium infection and their functional diagnostic significance. J. Egy. Ger. Soc. Zool. Vol. 29 (c) 71-86, April (1999) ISSN 1110-5348.
- 4 - **Osman A. Osman** and Ezzat M. Awad. Treatment Laminarin (β -1,3-D-glucan) Reverses Elevated Triiodothyronine, Thyroxine and Testosterone Levels Induced By *Aeromonas Hydrophila*. (Egyptian Journal of Physiological Science ISSN 0301-8660) (Egy J. Physiol. Sci. Vol 25, 1-14, 2001.
- 5 - Ezzat M. Awad and **Osman A. Osman**. Pathophysiology of experimental *Aeromonas hydrophila* infection in albino rats. (Journal of Drug Research) J DRUG RES. EGYPT, VOL. 24, NO. 1-2, 161-166, (ISSN: 0085-2406) (2002)
- 6 - **Osman A. Osman** and Ezzat M. Awad. Impaired Kidney Function Induced BY *Aeromonas hydrophila* is Enhanced By Laminarin. (Journal of the Egyptian Society of Toxicology ISSN 1110-127X) (J Egy. Soc. Toxicol. Vol. 27: 59-62,, ISSN 1110-127X , July (2002).
- 7 - **Osman A. Osman** and Ezzat M. Awad. Role of Laminarin in Modulation of *Aeromonas hydrophila* induced gastroenteritis in rats. (Bulletin of Egyptian Society for Physiological Sciences (ISSN: 2356-9514). Bull. Egy. Soc. Physiol. Sci. Vol 22(2) Page 99-123, (ISSN: 2356-9514), (2002).

- 8 - Youssef S. Mohamed and **Osman A. Osman**. Hypoglycemic effect of *Ambrosia maritima* and *Origanum majorana* on alloxan induced diabetic rats. (**Journal of Drug Research (ISSN: 0085-2406)** J DRUG RES. EGYPT, VOL. 24, No. 1-2, 151-155, (ISSN: 0085-2406), (2002)

- 9 - **Osman Aly Osman**. *Nigella Sativa* protects against liver damage induced by thioacetamide in albino rats. (Egyptian Journal of Biochemistry and Molecular Biology (ISSN: 1687-1502). Egy. J. Biochem. & Mol. Biol. Vol. 20, 347-354, (ISSN: 1687-1502), (2002).

- 10 - **Osman Aly Osman** and Youssef S. Mohamed The protective effect of *Ambrosia maritima* against radiation in Albino rats. (Isotope and Radiation Research; [ISSN 0021-1907](#);) Isotope & Rad. Res.35, 2, 251-261 (2003).
Citation [International Atomic Energy Agency \(IAEA\)Vienna International Centre, PO Box 100, A-1400 Vienna, AustriaTelephone: \(+431\) 2600-0, Facsimile: \(+431\) 2600-7, E-mail: \[Official Mail\]\(#\)](#)

- 11 - Mohamed YS. and **Osman O. A.** Hypoglycemic Effect of *Coriandrum Sativum* and *Terminalia Chebula* on Alloxan Induced Diabetic Rats. (The Arab Journal of Laboratory Medicine ISSN 1110-1822). (Arab. J. Lab. Med. Vol 29 No. 1: 69-78, ISSN 1110-1822, (2003).

- 12 - **Osman Aly Osman**. *Ambrosia maritima* ameliorate the radiation induced hematological and hormone changes in Albino rats. Sc. J. Az. Med. Fac. (Girls). Vol 24, No. 2, 79-86, (ISSN - 110-2381) May (2003).

- 13 - Ezzat M. Awad and **Osman A. Osman**. Laminarin enhanced immunological disorders of septicemic albino rats infected with *Aeromonas hydrophila*. Egyptian Journal of Immunology (Eg. J, Immunol, vol 10(2), 49-56, 2003. PMID: 15719611

- 14 - Mohamed YS., **Osman O. A.** and Shaban MA. A new Antidiabetic Drug Restoring Normal Insulin Secretion from β cells and Normal Histology. Sc. J. Az. Med. Fac. (Girls). Vol. 25 No. 1, 23-34 , (ISSN - 110-2381) Jan 2004,.

- 15 - **Osman O. A.** and Ibraheem, M. H. The protective effect of *Ambrosia maritima* against toxicity of *Diplostomum tregenna* in albino rats. Proceeding of the Annual Meeting of the Egyptian Society of Toxicology, Alex., Feb. 18 -19, 2004.

- 16 - Y. A. Handawi amd **Osman A. Osman** . Effect of environmental for drought and salinity stresses on amino acids in two wheat species (T, durum L. and T. aestivum L.). (The Scientific Journal of Al-Azhar Medical Faculty, Girls) Sc. J. Az. Med. Fac. (Girls). Vol. 28 No. 3. 1307 - 1312 (ISSN - 110-2381) Sep. 2007.

- 17 - **Osman A. Osman** and A. Matwally. Biochemical studies of thermally oxidized fat on the albino rats. Sc. J. Az. Med. Fac. (Girls). Vol. 30 No. 1 , 849-855 (ISSN - 110-2381), Jan 2009.
- 18 - "Impact of amino-acids and their derivatives on biogas generated from anaerobic digestion of rice straw". Aboul-fetouh E. Mourad, **Osman A. Osman**, Kamal M. El-Shaieb and Rasha M. Tony. Biotechnology An Indian Journal, 11(11), [405-412], ISSN: 0974 – 7435, 2015.
- 19 - **Osman A. Osman**. Hypoglycemic and Biochemical effects of some medicinal plant extracts on alloxan induced diabetic rats. (Journal of Drug Research (ISSN: 0085-2406) J DRUG RES. EGYPT, VOL. 24, NO. 1-2, 156-160, (ISSN: 0085-2406) , (2002)
- 20 - **Othman A. Othman**. Hypoglycemic and Biochemical effects of some medicinal plant extracts on alloxan induced diabetic rats. International Journal of Science and Research (IJSR) ISSN (Online): 2319-7064 - Volume 5 Issue 5, 1020 – 1023 May 2016. (Index Copernicus Value (2013): 6.14 | Impact Factor (2015): 6.391)
- 21 - "Hypoglycemic activity of bitter gourd fruits extracts in normal and alloxan induced diabetic rats". **Othman Ali Othman**. J Microb Biochem Technol., Volume 8(4): 358-360, ISSN: 1948-5948, August 09, (2016). DOI: 10.4172/1948-5948.1000308
- 22 - "Synthesis of new heterocyclic compounds with biological activity against pathogenic microbes in the Albaha Area". Yehia Abdel-Galele Mahmoud, Fawy M Abd El Latif, Amr A Amra and **Osman A Osman**. (Biomedical Journal of Science & Technical Research ISSN: 2574-1241) Biomed J Sci. & Tech. Res. volume 2 - Issue 5: 1-6. ISSN: 2574-1241, 2018, DOI: 10.26717/BJSTR.2018.02.000828
- 23 - "Chemical composition and antibacterial activity of essential oil of Mentha longifolia leaf from Albaha Area Southern Saudi Arabia". Bader Omer Burham, **Osman Ali Osman** and Azhari Abdelhafeedh Mohammed Nour. Asian Journal of Biological and Life Sciences, Vol 8, Issue 2, 48-52 May-Aug, 2019, DOI : 10.5530/ajbls.2019.8.9
- 24 - "Assessment of cytokeratin 17 levels in sera of patients with invasive ductal breast carcinoma". **Othman A. Othman**, Mariana F. Gayyed, Fatma S. Fathy and Hisham Ismail. Biochemistry Letters, January, 16(1), 2020, pages 1-11. DOI: 10.21608/blj.2020.146571

- 25 - "Evaluation of extra virgin olive oil "EVOO" on the pharmacodynamics of glibenclamide in diabetic rats". Taha AM, Tayee EM, Ibrahim MM, Ali EK and **Othman OA**. International Journal of Biology, Pharmacy and Allied Sciences (IJBPAS) ISSN: 2277-4998, August, 2020, 9(8). (Received 6th Dec. 2019; Revised 4th Jan. 2020; Accepted 4th Feb. 2020; Available online 1st Aug. 2020). <https://doi.org/10.31032/IJBPAS/2020/9.8.5165>

- 26 - Kinetin Ameliorates Cisplatin-Induced Hepatotoxicity and Lymphotoxicity via Attenuating Oxidative Damage, Cell Apoptosis and Inflammation in Rats. Fathy, M.; Darwish, M.A.; Abdelhamid, A.-S.M.; Alrashedy, G.M.; Othman, O.A.; Naseem, M.; Dandekar, T.; **Othman, E.M.** Biomedicines **2022**, 10, 1620. <https://doi.org/10.3390/biomedicines10071620> (scopes Q1)

- 27 - Nephroprotective potential of eugenol in a rat experimental model of chronic kidney injury; targeting NOX, TGF- β , and Akt signaling. Moustafa Fathy, Rania Abdel-Latif, Yasmeen M Abdelgwad, **Othman Ali Othman**, Abdel-Razik H Abdel-Razik, Thomas Dandekar, Eman M Othman. Life Sciences 308 (2022) 120957 <https://doi.org/10.1016/j.lfs.2022.120957> (scopes Q1)

- 28 – Potential Role of Circulating Dermokine and Bcl-2 Anti-apoptotic Protein in Colorectal Cancer Egyptian Patients: Correlative Analysis with the Clinicopathological Parameters. Shaimaa M. Abdelsamea, Hoda M. El-Emshaty, **Othman A. Othman**, Mohamed M. El-Hemaly, Hisham Ismail. *Journal of Bioscience and Applied Research*, 2022, Vol.8, No. 4, P.307-318 (pISSN: 2356-9174) DOI: 10.21608/jbaar.2022.270833

- 29 – Hepatitis C Virus and Hepatitis C Virus-Associated Hepatocellular Carcinoma in Egyptian Patients: Driving Disease Progression. **Othman OA**, Abdel-Latif R*, Ezzat AA1, Mokhtar H and Othman EM Austin J Infect Dis Volume 10, Issue 1, Id1080, 1-5 - 2023

- 30 – Natural inhibitors for acetylcholinesterase and autophagy modulators as effective antagonists for tau and β -amyloid in Alzheimer's rat model. Mervat Hassan, Hisham Ismail, Olfat Hammam, Abdullrahman Elsayed, **Othman Othman** & Sohair Aly Hassan. Biomarkers 28(3): 273 – 288 – 2023. <https://doi.org/10.1080/1354750X.2022.2164617>

- 31 – Serum Adiponectin and Leptin hormone with *Helicobacter pylori* infection in Obese Patients. **Othman A. Othman**, Reham A. Sayed, Ahmed Q. Mohammed. DJS Vol. 46(2) (2023) –pp. 135-147 ISSN: 1012-5965. DOI [10.21608/DJS.2023.208583.1114](https://doi.org/10.21608/DJS.2023.208583.1114)

