



## *Curriculum Vitae*

### Personal Information:-

- **Name:** **Doaa Hosny Abdelbary Abdelhady Assar**
- **Nationality:** Egyptian
- **Sex:** Female
- **Marital status:** Married and I have 3 children
- **Date of birth:** 10/4/1977.
- **Place of birth:** Kafr El-Sheikh, EGYPT.
- **Mobile:** +2-010 00182285
- **Home Tel:** +2047 – 3118433

### **Affiliations, Positions:**

Faculty of Veterinary Medicine, Kafrelsheikh University., Assistant Professor

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[doaa.abd\\_elhady\\_1@vet.kfs.edu.eg](mailto:doaa.abd_elhady_1@vet.kfs.edu.eg)



جامعة كفر الشيخ  
كلية الطب البيطري  
قسم الباثولوجيا الاكلينيكية

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3/16/23, 3:16 PM

Doaa H Assar - Google من الباحث العلمي

| قبل 2018 | الكل |           |
|----------|------|-----------|
| 609      | 622  | اقتباسات  |
| 14       | 14   | h-index   |
| 16       | 16   | i10-index |

**Doaa H Assar**

Associate professor of Clinical Pathology,  
,Faculty of Veterinary Medicine  
Kafrelsheikh University  
Clinical Pathology



مقالة • مقالة واحدة

المقالات البحثية المتاحة للجميع  
البحثية غير المتاحة للجميع

تم اختيار المعلومات استنادًا إلى تفويضات  
التمويل

| السنة | عدد مرات الاقتباسات | عنوان   |
|-------|---------------------|---|
| 2017  | 99                  | <b>Thymoquinone Defeats Diabetes-Induced Testicular Damage in Rats Targeting Antioxidant, Inflammatory and Aromatase Expression.</b><br>MSA Atta MS1, Almadaly EA2, El-Far AH3, Saleh RM4, Assar DH5, Al Jaouni SK6<br>Int J Mol Sci 18 (5)   |
| 2020  | 76                  | <b>Modulatory effects of fenugreek seeds powder on the histopathology, oxidative status, and immune related gene expression in Nile tilapia (Oreochromis niloticus) infected with ...</b><br>EM Moustafa, MAO Dawood, DH Assar, AA Omar, ZI Elbially, FA Farrag, ...<br>Aquaculture 515, 734589 |
| 2017  | 47                  | <b>Bromuconazole-induced hepatotoxicity is accompanied by upregulation of PXR/CYP3A1 and downregulation of CAR/CYP2B1 gene expression.</b><br>SAA Abdelhadya DH1, El-Magd MA2, Elbially ZI3<br>Toxicol Mech Methods. 27 (7), 544-550  |



### **Major Professional Backgrounds:**

- ✦ **1995-2000**, Faculty of Veterinary Medicine, Tanta university, (Bachelor of Veterinary Medical Sciences ,(2000 ) with a rank of very good.)
- ✦ **2000-2005**, Tanta University, Faculty of Veterinary Medicine, Demonstrator.
- ✦ **2005-2011**, Tanta University, Faculty of Veterinary Medicine, Assistant Lecturer.
- ✦ **2008-2010**, Gifu University, Faculty of Applied Biological Science, 1-1 Yanagido, Gifu 501-1193, Japan , Research Student.
- ✦ **2011-2018**, Kafrelsheikh University, Faculty of Veterinary Medicine, Lecturer
- ✦ **2016-2017**, Gifu University, Faculty of Applied Biological Science, 1-1 Yanagido, Gifu 501-1193, Japan , Visiting Researcher .
- ✦ **2018-2023**, Kafrelsheikh University, Faculty of Veterinary Medicine, Associate Professor.

### **Academic Degrees:**

1. Master of Veterinary Medical Sciences (Clinical Pathology major). Faculty of Veterinary Medicine. Kafrelsheikh university 24/5/2005.  
"Some Clinicopathological studies on the effect of Garlic '*Allium sativum*' and Levamisole on albino rats either with damaged or intact liver".
2. Ph.D. of Veterinary Medical Sciences (Clinical Pathology major). Channel canal between Kafrelsheikh university, Egypt and Gifu University, Japan.  
" Immunohaematological and cytochemical studies on some neoplastic diseases in poultry. "



### **Current Job:**

**Associate professor of Clinical pathology**, Department of Clinical pathology Faculty of Veterinary Medicine, Kafrelsheikh university, Egypt. from 30/10/2018 till now.

### **Educational Activity**

#### **Course in Charge:**

- ✦ 2011-2020, Undergraduate Education, 1<sup>st</sup> term Veterinary Clinical Pathology I.
- ✦ 2011-2020 , Undergraduate Education, 2<sup>nd</sup> Term, Veterinary Clinical Pathology II
- ✦ 2011-2020, Undergraduate Education, Practice in Veterinary Hematology
- ✦ 2018-2022, Graduate Education (Master's Program), Research for Academic Degree Dissertation
- ✦ 2018-2023, Graduate Education (Master's Program), Advanced Clinical Pathology
- ✦ 2018-2023, Graduate Education (Doctor's Program), Advanced Clinical Pathology
- ✦ 2018-2023, Undergraduate Education , 1<sup>st</sup> term & 2<sup>nd</sup> term Veterinary Clinical Pathology I and II

### **Terms of reference:**

- 1- Teaching of Clinical Pathology courses to the under -graduate veterinary students.
- 2- Trainer for under-graduate students in summer clinical training.
- 3- Teaching of Clinical Pathology courses to the Post -graduate veterinary students.

### **Quality Assurance Activities**

- 1- Representative of the department in the executive team in the Quality of Assurance Unit in the period from 2011 till now
- 2- Participated in preparing the self-study of the Faculty



## Training:

| Training attended/Technical skills acquired | Place  |
|---|--|
| 1- University Staff Qualifying              | International Center for HRM and Continuing Education, Kafrelsheikh University |
| 2- Code of Ethics                           | International Center for HRM and Continuing Education, Kafrelsheikh University |
| 3- Developing Thinking Skills               | International Center for HRM and Continuing Education, Kafrelsheikh University |
| 4- Effective Communication                  | International Center for HRM and Continuing Education, Kafrelsheikh University |
| 5- Effective Presentation                   | International Center for HRM and Continuing Education, Kafrelsheikh University |
| 6- Scientific Research                      | International Center for HRM and Continuing Education, Kafrelsheikh University |
| 7- Effective Teaching                       | International Center for HRM and Continuing Education, Kafrelsheikh University |
| 8- Time and Work Stress Management          | International Center for HRM and Continuing Education, Kafrelsheikh University |
| 9- Legal Aspects in University Environment  | International Center for HRM and Continuing Education, Kafrelsheikh University |
| 10- Effective Presentation Skills           | International Center for HRM and Continuing Education, Kafrelsheikh University |
| 11- Use of Technology in Teaching           | International Center for HRM and Continuing Education, Kafrelsheikh University |
| 12- International Publication               | International Center for HRM and Continuing Education, Kafrelsheikh University |



|  |  |
|--|--|
| 13- Student Qualification  | International Center for HRM and Continuing Education, Kafrelsheikh University |
| 14- Conferences Organization   | International Center for HRM and Continuing Education, Kafrelsheikh University |
| 15- The Training Program for the Application of Academic Regulations and Control | International Center for HRM and Continuing Education, Kafrelsheikh University |
| 16- Statistical Analysis Using SPSS  | International Center for HRM and Continuing Education, Kafrelsheikh University |
| 17- Competitive Research Projects  | International Center for HRM and Continuing Education, Kafrelsheikh University |
| 18- Strategic Planning   | International Center for HRM and Continuing Education, Kafrelsheikh University |
| 19- Using Technological Teaching Skills  | International Center for HRM and Continuing Education, Kafrelsheikh University |
| 20- Self-Evaluation for H.E. Institutes  | International Center for HRM and Continuing Education, Kafrelsheikh University |
| 21- Quality Standard in Teaching   | International Center for HRM and Continuing Education, Kafrelsheikh University |
| 22- International Scientific Publishing  | International Center for HRM and Continuing Education, Kafrelsheikh University |
| 23- University Management  | International Center for HRM and Continuing Education, Kafrelsheikh University |
| 24- Credit Hour System   | International Center for HRM and Continuing Education, Kafrelsheikh University |
| 25- Research Team Management   | International Center for HRM and Continuing Education, Kafrelsheikh University |

### **Societies and Association:**

A member Of the Society Of Pathology and Clinical Pathology Scienceis And Their Application.



### **Languages and Computer use:**

- ✓ Native language is Arabic,
- ✓ English international TOEFL (553) 2008
- ✓ Appropriately ( ICDL).
- ✓ **Interests:**
- ❖ Veterinary Medical Sciences
- ❖ Vetrinary clinical pathology
- ❖ Biological science
- ❖ Drug toxicology
- ❖ Animal reproduction
- ❖ Molecular biology
- ❖ Diabetic research
- ❖ Herbal medicine

### **Supervision of scientific thesis**

#### **A- Current master thesis:**

- 1- Israa Ahmed Elsaid Fahmy. Thesis title: "Protective trials against doxorubicin induced damages in albino rats :Clinical pathology approach ". Date of registration: 10/11/2018.

#### **B- Finished master thesis**

- 1- Ibrahim Fouad Ibrahim Al – Esh. Thesis title: Haematological and Molecular Studies on Chronic Exposure of Bromoconazole Compound in albino rats. Finished at 18/12/2015.
- 2- Sally Abdel - Gawad Abdel Wahab Rizk. Thesis title: Clinical Pathological Studies on Some herbs Used as antiinflammatory in albino rats. Finished at 18/8/2015.
- 3- Nahwand Abdul Jawad Mansour Al – Sheikh. Thesis title : Clinical pathological and molecular studies on entero microbial infection in lambs 18/12/2020.

#### **C- Current PhD thesis:**

- 1- Nahwand Abdul Jawad Mansour Al – Sheikh. Thesis title : Clinical pathological and molecular studies on fish immunostimulant and antiinflammatory agents



#### **D- Finished PhD thesis:**

- 1- Fatima Mohamed Mosaad Ibrahim. Thesis title: Clinical pathological studies on some metabolic diseases and biological antioxidant disorders in birds. Finish at 21/2/2017.
- 2- Sally Abdel - Gawad Abdel Wahab Rizk. Thesis title: Molecular and immunohematological studies on the Nile catfish exposed to some insecticides. Finish at 30/10/2020.
- 3- Ahmed Antar Mohamed Jado. Thesis title: Some haematological and immunological studies on some nanoparticles in albino rats. Date of registration :23/3/2023.

#### **Conferences**

- 1- The Second International Conference on food hygiene and food technology. Animal Health Research Institute, September 2015.
- 2- The Fourth International Scientific Conference of the College of Veterinary Medicine - Kafr El-Sheikh University under the title "Activating Modern Technologies for Livestock Development". Faculty of Veterinary Medicine - Kafr El-Sheikh University. 12-14 May 2016.
- 3- The Fifth International Scientific Conference of the College of Veterinary Medicine - Benha University. Faculty of Veterinary Medicine - Banha University. 27-30 July 2015 The Post is purely under the title: (Effect of Prebiotic and Probiotic on Growth, Immuno-hematological responses and Biochemical Parameters of infected rabbits with Pasteurella multocida)
- 4- The Nanosciences and Nanotechnology Symposium Nanotechnology in Applied Research. Naqaa Foundation for Scientific Research, Giza, Egypt. August 2016.
- 5- Agricultural, veterinary and food safety Applications of proteomics. Animal Health Research Institute. Feb.2017.

#### **Projects:**





- 1- Using biosynthetic silver nanoparticles to produce multi-use bio-preservation systems in the fields of dairy and biological pest control. Funding from the Academy of Scientific Research 2021

## MAJOR PUBLICATIONS:

### Books:

- 1-" **Clinicopathological studies on some neoplasms in chickens** " Doaa Hosney Assar) (ISBN 978-3-8465-5227-8). LAP LAMBERT Academic publishing GmbH & Co. KG Dudweiler Landstraße 99, 66123 Saarbrücken, Germany.
- 2-" **Hepatoprotective effects of garlic and levamisole in albino rats**" Doaa Hosney Assar ISBN 978-3-8473-1988-7. LAP LAMBERT Academic Publishing GmbH & Co. KG Dudweiler Landstraße 99, 66123 Saarbrücken, Germany.]

### Research Activities:

#### Publications in International journals

- 1- Doaa H. Assar<sup>1</sup> , Rasha A. Al-Wakeel<sup>2</sup> , Zizy I. Elbially<sup>3</sup> , Mahmoud M. El-Maghraby<sup>4</sup> , Helmy K. Zaghlool<sup>5</sup> , Adel A. El-Badawy<sup>4</sup> , Abdel-Khalek E. Abdel-Khalek<sup>6</sup> \* (2023): **Spirulina platensis Algae Enhances Endogenous Antioxidant Status, Modulates Hemato-Biochemical Parameters, and Improves Semen Quality of Growing Ram Lambs.** Advances in Animal and Veterinary Sciences April 2023 | Volume 11 | Issue 4 | Page 595 DOI | <https://dx.doi.org/10.17582/journal.aavs/2023/11.4.595.605> ISSN (Online) | 2307-8316
- 2- **Doaa Assar<sup>1</sup>** , Zizy Elbially<sup>2</sup> , Rasha Al Wakeel<sup>3</sup> , Naglaa Gomaa<sup>4</sup> , Mahmoud Metwaly El-Maghraby<sup>5</sup> , Wael Mohamed Nagy<sup>5</sup> , Adel Abd El Aziz El-badawy<sup>5</sup> , Abdel-Khalek El-Sayed Abdel-Khalek<sup>6</sup>\*,(2023) :**Dietary Chitosan**



Supplementation Modulates Hematology, Lipid Profile, Rumen Function, Antioxidant Status, and Thyroxin in Zaraibi Goat Bucks Fed on High-Fat Diets  
Advances in Applied Physiology 2023; 8(1): 8-16 <http://www.sciencepublishinggroup.com/j/aap>  
doi: 10.11648/j.aap.20230801.12

- 3- **Doaa H. Assar**<sup>1</sup>, Rasha A. Al Wakeel<sup>2</sup>, Mahmoud M. El-Maghraby<sup>3</sup>, Mohammed M. ElBadawy<sup>3</sup>, Adel A. El-Badawy<sup>3</sup>, Wael M. Nagy<sup>3</sup>, Mustafa S. Atta<sup>2</sup>, Abdel-Khalek E. Abdel Khalek<sup>4\*</sup> (2023): **Modulatory Effect of Dietary Allicin Supplementation on Productivity, Health, and Antioxidant Status of Ewes and their Offspring During May Breeding Season in Egypt.** Advances in Animal and Veterinary Sciences  
DOI | <http://dx.doi.org/10.17582/journal.aavs/2023/11.1.83.93>
- 4- Zizy I. Elbially · Eman Atef · Ibrahim I. Al-Hawary · Abdallah S. Salah · Ali A. Aboshosha · Muyassar H. Abualreesh · **Doaa H. Assar** (2023): **Myostatin-mediated regulation of skeletal muscle damage post-acute Aeromonas hydrophila infection in Nile tilapia (*Oreochromis niloticus* L.).** Fish Physiol Biochem <https://doi.org/10.1007/s10695-022-01165-2>
- 5- **Doaa H. Assar**<sup>1</sup>, Abd-Allah A. Mokhbatly<sup>1</sup>, Mohamed F. Abou ELazab<sup>1</sup>, Emad W. Ghazy<sup>1</sup>, Zizy I. Elbially<sup>2</sup>, Ahmed A. Gaber<sup>1</sup>, Ayman A. Hassan<sup>3</sup>, Ahmed Nabil<sup>4,5</sup>, Samah Abou Asa<sup>6</sup>. (2022): **Silver nanoparticles induced testicular damage targeting NQO1 and APE1 dysregulation, apoptosis via Bax/Bcl-2 pathway, fibrosis via TGF- $\beta$ / $\alpha$ -SMA upregulation in rats.** Environmental Science and Pollution Research <https://doi.org/10.1007/s11356-022-23876-y>
- 6- **Doaa H. Assar**<sup>1</sup>, Samah Abou Asa<sup>2</sup>, Moshira A. El-Abasy<sup>3</sup>, Zizy I. Elbially<sup>4</sup>, Mustafa Shukry<sup>5</sup>, Amra Abd El Latif<sup>6</sup>, Mona N. BinMowyna<sup>7</sup>, Norah A. Althobaiti<sup>8</sup>, Mohammed A. El-Magd<sup>9</sup>. (2022): ***Aspergillus awamori* attenuates ochratoxin A-induced renal and cardiac injuries in rabbits by activating the Nrf2/HO-1 signaling pathway and downregulating IL1 $\beta$ , TNF $\alpha$ , and iNOS gene expressions.** Environmental Science and Pollution Research <https://doi.org/10.1007/s11356-022-20599-y>



- 7- **Doaa H. Assar**<sup>1</sup>, Abd-Allah A. Mokhbatly<sup>1</sup>, Emad W. Ghazy<sup>1</sup>, Zizy I. Elbially<sup>2</sup>, Ahmed A. Gaber<sup>1</sup>, Ayman A. Hassan<sup>3</sup>, Ahmed Nabil<sup>4,5</sup>, Samah Abou Asa<sup>6</sup>. (2022): Silver nanoparticles induced hepatotoxicity via the apoptotic/antiapoptotic pathway with activation of TGF $\beta$ -1 and  $\alpha$ -SMA triggered liver fibrosis in Sprague Dawley rats. Environmental Science and Pollution Research <https://doi.org/10.1007/s11356-022-21388-3>
- 8- Abd Allah Mokhbatly<sup>1</sup>, Nahawand Elsheikh<sup>1</sup>, Emad Ghazy<sup>1</sup>, Adel Elgamal<sup>2</sup>, Yamen Mohammed Hegazy<sup>3</sup>, **Doaa H Assar**<sup>1</sup> (2022): Prevalence of Shiga toxin-producing *Escherichia coli* and *Salmonellae* and hematologic and biochemical, antioxidant alterations in lambs. Veterinary Research Forum. 2022; 13 (2) 155 – 162 doi: 10.30466/vrf.2020.124018.2907 Journal Homepage: vrf.iranjournals.ir
- 9- **Doaa H. Assar**<sup>a\*</sup>, Nagwan Elhabashi<sup>b\*</sup>, Abd-Allah A. Mokhbatly<sup>a</sup>, Amany E. Ragab<sup>c</sup>, Zizy I. Elbially<sup>d\*</sup>, Sally A. Rizk<sup>a</sup>, Aishah E. Albalawi<sup>e</sup>, Norah A. Althobaiti<sup>f</sup>, Soad Al Jaouni<sup>g</sup>, Ayman Atiba<sup>h</sup> (2021): Wound healing potential of licorice extract in rat model: Antioxidants, histopathological, immuno-histochemical and gene expression evidences. Biomedicine & Pharmacotherapy 143 (2021) 112151 <https://doi.org/10.1016/j.biopha.2021.112151>
- 10- Zizy I. Elbially<sup>1,\*</sup>, Abdallah S. Salah<sup>2,\*</sup>, Ahmed Elsheshtawy<sup>1,3</sup>, Merna Rizk<sup>1</sup>, Muyassar H. Abualreesh<sup>4</sup>, Mohamed M. Abdel-Daim<sup>5,6</sup>, Shima M. R. Salem<sup>7</sup>, Ahmad El Askary<sup>8</sup> and **Doaa H. Assar**<sup>9,\*</sup> (2021): Exploring the Multimodal Role of *Yucca schidigera* Extract in Protection against Chronic Ammonia Exposure Targeting: Growth, Metabolic, Stress and Inflammatory Responses in Nile Tilapia (*Oreochromis niloticus* L.). Animals 2021, 11, 2072. <https://doi.org/10.3390/ani11072072>
- 11- **Doaa H. Assar**<sup>1</sup>; Abd Allah Mokhbatly<sup>1</sup>, Emad Ghazy<sup>1</sup>; Amany E. Ragab<sup>2</sup>; Samah Abou Asa; Walied Abdo; Zizy, I. Elbially; Nora Elbially. Mohamed; Ali, H. El-Far. (2021): Ameliorative Effects of *Aspergillus awamori* against the



Initiation of Hepatocarcinogenesis Induced by Diethylnitrosamine in a Rat Model: Regulation of Cyp19 and p53 Gene Expression.

Antioxidants 2021, 10(6),922; <https://doi.org/10.3390/antiox10060922>

**12-** Zizy I. Elbially , Shrouk Gamal , Ibrahim I. Al-Hawary , Mustafa Shukry , Abdallah S. Salah , Ali A. Aboshosha , **Doaa H. Assar** .(2022): Exploring the impacts of different fasting and refeeding regimes on Nile tilapia (*Oreochromis niloticus* L.): growth performance, histopathological study, and expression levels of some muscle growth-related genes. Fish Physiol Biochem <https://doi.org/10.1007/s10695-022-01094-0> .

**13-** Ibrahim I. Al-Hawary<sup>1</sup>, Zizy I. Elbially<sup>1</sup>, Dina Basem Barsem<sup>1</sup>, Ahmad Abdel-Mawgood<sup>2</sup>, Abdallah S. Sallah<sup>3</sup>, Tarik S. Rabie<sup>4</sup>, **Doaa H. Assar**<sup>5</sup>, Mahmoud A.O. Dawood<sup>6,7</sup> .(2022): Evaluating local strains of soybean and corn cultivars in the diets of Nile tilapia (*Oreochromis niloticus*): growth and insulin-like growth factor 1, intestinal health, and inflammation features.

ANNALS OF ANIMAL SCIENCE ISSN: 2300-8733,

<https://sciendo.com/journal/AOAS> .

**14-** Essam A. Almadaly ; Mohey A. Ashour ; Mohamed S. Elfeky ; Mahmoud S. Gewaily ; **Doaa H. Assar** ; Inas M. Gamal (2021): Seminal plasma and serum fertility biomarkers in Ossimi rams and their relationship with functional membrane integrity and morphology of spermatozoa. Small Ruminant Research 196 (2021) 106318 . <https://doi.org/10.1016/j.smallrumres.2021.106318>

**15-** Dawood, M.A.O., ; Ali ,M.F.; Amer ,A.A.; Gewaily ,M.S.; Mahmoud,M.M.; Alkafafy,M.; **Assar,D.H.**; Soliman,A.A.; Doan,H.V.(2021): The influence of coconut oil on the growth, immune and antioxidative responses and the intestinal digestive enzymes and histomorphometry features of Nile tilapia (*Oreochromis niloticus*) Fish Physiol Biochem. <https://doi.org/10.1007/s10695-021-00943-8>  
<https://doi.org/10.1007/s10695-021-00943-8>



- 16- Elbialy, Z. I ., **Assar, D. H.** , Abdelnaby, A., Abu Asa ,S., Abdelhiee, E.H., Ibrahim,S.S. Abdel-Daim ,M.M., Almeer, R ., Atiba.A,(2021): **Healing potential of *Spirulina platensis* for skin wounds by modulating bFGF, VEGF, TGF- $\beta$ 1 and  $\alpha$ -SMA genes expression targeting angiogenesis and scar tissue formation in the rat model.** Biomedicine & Pharmacotherapy 137 (2021) 111349.  
<https://doi.org/10.1016/j.biopha.2021.111349>
- 17- Abd El Latif, A.; **Assar, D.H.**; Elkaw, E.M.; Hamza,H.A.; Alkhalifah,D.H.M.; Hozzein,W.N.; Hamouda ,R.A.(2021): **Protective role of *Chlorella vulgaris* with Thiamine against Paracetamol induced toxic effects on haematological, biochemical, oxidative stress parameters and histopathological changes in Wistar rats.** Sci Rep. 2021 Feb 16;11(1):3911. doi: 10.1038/s41598-021-83316-8.
- 18- Zizy I. Elbialy<sup>1</sup>, Ayman Atiba<sup>2</sup>, Ibrahim I.Al-Hawary<sup>1</sup> , Aml Abdelnaby<sup>1</sup> , **Doaa H. Assar<sup>3\*</sup>** (2020): **Collagen extract obtained from Nile tilapia (*Oreochromis niloticus* L.) skin accelerates wound healing in rat model via up regulating VEGF, bFGF, and  $\alpha$ -SMA genes expression". BMC Veterinary Research - BVET-D-20-00466R3 , <https://doi.org/10.1186/s12917-020-02566-2>**
- 19- A.A.Mokhbatly<sup>a</sup>, **Doaa H Assar<sup>a</sup>** Emad waded Ghazy<sup>a</sup>, Zizy I. Elbialy<sup>b</sup>, Sally, A. Rizk<sup>a</sup> Amira A. Omar<sup>3</sup> , Alkhateib Y. Gaafar<sup>4</sup> & Mahmoud A. O. Dawood<sup>5</sup> (2020). **The protective role of spirulina and  $\beta$ -glucan in African catfish (*Clarias gariepinus*) against chronic toxicity of chlorpyrifos: hemato-biochemistry, histopathology, and oxidative stress traits.** Environmental Science and Pollution Research <https://doi.org/10.1007/s11356-020-09333-8>
- 20- Tarek Kamal Abouzed<sup>a</sup> , Kadry M. Sadek<sup>b</sup>. Emad waded Ghazy<sup>c</sup>,Walied Abdo<sup>d</sup> ,Mohmed Atef kassab<sup>e</sup>, Salma Hago<sup>f</sup>, Engy A. Mahrous<sup>g</sup>, Samia Abdel-Wahab<sup>g</sup>, Essam Abdel-Sattar<sup>g</sup>, **Doaa H Assar<sup>b</sup>** (2020). **Black Mulberry Fruit Extract Alleviates Streptozotocin-Induced Diabetic- Nephropathy in rats: Targeting TNF- $\alpha$  inflammatory pathway.** Journal of Pharmacy and Pharmacology. doi: 10.1111/jphp.13338



- 21- Essam Abdelsattar<sup>1</sup> ;**Doaa H.Abdelhady**<sup>2</sup>; Emad Ghazi<sup>2</sup>, Walied Abdo<sup>3</sup>; Zizy Elbially<sup>4</sup>; Mustafa Shukry<sup>5</sup>, Sendker Jandrik<sup>6</sup> (2019): **Proanthocyanidins rich extract of *Calligonum comosum* ameliorates doxorubicin induced Immunosuppression and hepato-renal toxicity** Pharmacognosy Magazine, 15(66)545-552.  
DOI:10.4103/PM.PM\_670\_18
- 22- Radi A. Mohamed<sup>1</sup>, Zizy I. Elbially<sup>2</sup>, Amira S Abd El Latif<sup>3</sup>, Mustafa Shukry<sup>4</sup>, **Doaa H.Assar**<sup>5</sup>, Asmaa Alnokrashy<sup>2</sup>, Ahmad Elsheshtawy<sup>2</sup> Ali H. El-Far<sup>6</sup> (2020) :**Dietary clenbuterol modifies the expression of genes involved in the regulation of lipid metabolism and growth in the liver, skeletal muscle, and adipose tissue of Nile tilapia (*Oreochromis niloticus*).** Aquaculture Reports 17 (2020) 100319 . <https://doi.org/10.1016/j.aqrep.2020.100319>
- 23- Eman, M. Moustafa<sup>a</sup>., Mahmoud, A. O. Dawood<sup>b</sup>., **Doaa, H. Assar**<sup>c</sup> Amira, A. Omara<sup>a</sup>., Zizy I. Elbially<sup>d</sup>, Foad A. Farrag<sup>e</sup>, Mustafa Shukry<sup>f</sup>, Mohamed M. Zayed<sup>g</sup> (2020): **Modulatory effects of fenugreek seeds powder on the histopathology, oxidative status, and immune related gene expression in Nile tilapia (*Oreochromis niloticus*) infected with *Aeromonas hydrophila*.** Aquaculture , Volume 515, 15 January 2020, 734589.  
<https://doi.org/10.1016/j.aquaculture.2019.734589>.
- 24- Sabreen Ezzat Fadel, Nagwan El-Habashi, Doaa Mohammed Gad, Walaa Mohammed Elkassas, Zizy Ibrahim Elbially, **Doaa Hosny Abdelhady** & Sayed Mohammed Hegazi. (2019): **Effect of adding Dunaliella algae to fish diet on lead acetate toxicity and gene expression in the liver of Nile tilapia..** TOXIN REVIEWS.  
<https://doi.org/10.1080/15569543.2019.1652652> ISSN: 1556-9543 (Print) 1556-9551 .
- 25- Emad, W. Ghazy, AbdAllah, A. Mokh, **Doaa H. Abdelhady**, Wael M. Goda, Eman M. Hashem (2019): **The Role Of Thymoquinone In Ameliorating The Hepatotoxic Effect Of Diazinon In Male Rats.** Slov Vet Res. 56



(Suppl 22): 735–45. DOI 10.26873/SVR-814-2019

- 26- AbdAllah A. Mokh, **Doaa, H. Abdelhady**, Emad W. Ghazy, Hadeer Aboumosalem, Wael, M. Goda (2019): **Sesame Oil Mitigates Initiation Stage Of Diethylnitrosamine Hepatocarcinogenesis In Rats**. Slov Vet Res 2019; 56 (Suppl 22): 487–98 . DOI 10.26873/SVR-786-2019
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