

**Hassan Khalaf Ulaiwi Al-Karagoly**  
**Professor of Pathology**



### ***Personal Information***

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**Address:** Al-Shumoukh neighborhood, Nasiriyah city, 64001, Dhi-Qar Governorate.

**Phone:** +9647804406478

**Email:** [hassan.khalaf@alayen.edu.iq](mailto:hassan.khalaf@alayen.edu.iq); [hassan.aliwee@qu.edu.iq](mailto:hassan.aliwee@qu.edu.iq)

**ORCID:** 0000-0002-2199-9322

**Scopus ID:** 57205545877

**Date of Birth:** 14/10/1976

**Place of Birth:** 57205545877

**Nationality:** Iraqi

### ***Education/Scientific Degrees:***

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|      |   |
|------|---|
| 2024 | <i>Professor Dr. of pathology, College of Veterinary Medicine, Al-Qadisiyah University, Iraq</i>              |
| 2018 | <i>Ph.D. of pathology, College of Veterinary Medicine University of Tehran, Iran</i>                          |
| 2007 | <i>M.Sc. of Pathology, College of Veterinary Medicine University of Basrah, Iraq</i>                          |
| 2002 | <i>Higher Diploma of Internal Medicine, College of Veterinary Medicine, University of Baghdad, Iraq</i>       |
| 2000 | <i>Bachelor of Veterinary Medicine and Surgery, College of Veterinary Medicine University of Basrah, Iraq</i> |

### ***Occupation:***

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|   |               |                           |                            |
|---|---------------|---------------------------|----------------------------|
| 1 | Professor Dr. | 01/10/2003-<br>12/08/2024 | University of Al-Qadisiyah |
| 2 | Professor Dr. | 13/08/2024- till now      | Alayen Iraqi University    |

### ***Academic rank:***

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|   |                    |      |
|---|--------------------|------|
| 1 | Assistant lecturer | 2007 |
|---|--------------------|------|

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|---|---------------------|------|
| 2 | Lecturer            | 2010 |
| 3 | Assistant professor | 2013 |
| 4 | Professor           | 2024 |

### ***Professional Career Experience and Positions held***

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|    |  |               |
|----|--|---------------|
| 1  | Clinical Pathology Laboratory Manager  | 2004-2006     |
| 2  | Rapporteur of the branch of internal and preventive medicine                 | 2007-2009     |
| 3  | Head of the Internal Medicine Department                                     | 2009-2011     |
| 4  | Head of the Department of Pathology  | 2011-2013     |
| 5  | Scientific affairs unit official   | 2012-2013     |
| 6  | Head of the Department of internal and preventive medicine                   | 2011-2013     |
| 7  | Quality Assurance and Academic Accreditation Division Officer                | 2019-2021     |
| 8  | Member of the editorial board of Al-Qadisiyah Journal of Veterinary Sciences | 2021-till now |
| 9  | Member of the editorial board of Veterinary Medicine International-Hindawi   | 2022-till now |
| 10 | Dean of the college of Pharmacy, Alayen Iraqi University.                    | 2024-         |

### ***Special Skills***

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- Computer Skills***

|   |      |   |                             |
|---|------|---|-----------------------------|
| 1 | 2010 | Center of computer - University of Al-Qadisiyah | Training course of Internet |
| 2 | 2010 | Computer Center-Maysan University               | IC3                         |

- Languages***

| NO. | Language | Level ( Beginner, Intermediate, Advance ) |
|-----|----------|---|
| 1   | Arabic   | Advance                                   |
| 2   | English  | Advance                                   |
| 3   | other    | Persian Language - Advance                |

### ***Special Technical Skills***

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| NO. | Title   | place  | Date          |
|-----|---|--|---------------|
| 1   | Third Scientific Conference of the Faculty of Veterinary Medicine | College of Veterinary Medicine / University of Qadisiyah | -8 /11/9 2008 |

|    |   |   |                        |
|----|---|---|------------------------|
| 2  | <b>Forth Scientific Conference of the Faculty of Veterinary Medicine</b>          | <b>College of Veterinary Medicine / University of Qadisiyah</b> | <b>-24 /11/25 2010</b> |
| 3  | <b>Fifth Scientific Conference of the Faculty of Veterinary Medicine</b>          | <b>College of Veterinary Medicine / University of Qadisiyah</b> | <b>-21 2012/22</b>     |
| 4  | <b>First Alumni Conference</b>  | <b>College of Veterinary Medicine / University of Qadisiyah</b> | <b>/4/24 2013</b>      |
| 5  | <b>Fifth International Conference on Poultry Diseases</b>                         | <b>Tehran-Iran</b>  | <b>/1/31 2016</b>      |
| 6  | <b>The First International Scientific Conference of Pure Sciences</b>             | <b>College of Veterinary Medicine / University of Qadisiyah</b> | <b>/1/23 2019</b>      |
| 7  | <b>The First International Scientific Conference of Al Ain Private University</b> | <b>Al Ain University, Dhi Qar, Iraq</b>                         | <b>/3/30 2019</b>      |
| 8  | <b>Second Achievement Tests Course</b>  | <b>College of Education / University of Qadisiyah</b>           | <b>-1/9 /2/16 2011</b> |
| 9  | <b>Computer training course</b>   | <b>University of Qadisiyah</b>                                  | <b>-5 2002/30</b>      |
| 10 | <b>Training course Of PCR</b>   | <b>College of Education Ibn Al-Haytham / Baghdad</b>            | <b>-26 /2/28 2012</b>  |
| 11 | <b>Training course on sonar examination</b>                                       | <b>College of Veterinary Medicine / University of Qadisiyah</b> | <b>-23 /5/25 2011</b>  |
| 12 | <b>Training course of Immunohistochemistry</b>                                    | <b>College of Veterinary Medicine / University of Qadisiyah</b> | <b>-26 /2/30 2010</b>  |
| 13 | <b>Training course of PCR</b>   | <b>College of Veterinary Medicine / University of Qadisiyah</b> | <b>/1/10 2011</b>      |
| 14 | <b>English Language Course</b>  | <b>University of Kufa</b>                                       | <b>/7/31 2005</b>      |
| 15 | <b>Immunohistochemistry</b>   | <b>College of Veterinary Medicine /</b>                         | <b>/2/20 2011</b>      |

|    |  |   |                         |
|----|--|---|-------------------------|
|    |  | University of Qadisiyah                                     |                         |
| 16 | Training course of Internet  | Center of computer - University of Qadisiyah                | -9/27<br>/10/20<br>2010 |
| 17 | IC3  | Computer Center- Maysan University                          | 2010/8/2                |
| 18 | TOEFL  | English Language Center - Dhi Qar University                | /3/12<br>2010           |
| 19 | Bacterial diagnostic course using Vitek2 Compact technology  | College of Veterinary Medicine - University of Qadisiyah    | -5/26<br>2013/6/9       |
| 20 | The cycle of using the device autobiochemical analyzer in conducting pathological analyzes                   | College of Veterinary Medicine - University of Qadisiyah    | -12<br>/5/26<br>2013    |
| 21 | Twenty - sixth education techniques course   | Computer Center - University of Qadisiyah                   | -4/18<br>2010/5/8       |
| 22 | Educational Rehabilitation Course  | University of Qadisiyah                                     | -5/5<br>2008/6/4        |
| 23 | Symposium on the use of endoscopy technique in surgery and veterinary obstetrics                             | College of Veterinary Medicine - University of Qadisiyah    | /2/14<br>2012           |
| 24 | Symposium on the use of vaccines in veterinary medicine  | College of Veterinary Medicine - University of Qadisiyah    | /11/24<br>2008          |
| 25 | Ministerial Symposium tagged: "The phenomenon of drug addiction and its health, social and economic effects" | Department of Physics, Faculty of Science, Sumer University | /4/22<br>2019           |
| 26 | Workshop entitled: "Cage fish breeding"  | College of Veterinary Medicine - University of Qadisiyah    | /4/16<br>2019           |
| 27 | Workshop entitled: "Fundamentals of Civil Defense"   | College of Veterinary Medicine - University of Qadisiyah    | /12/11<br>2019          |
| 28 | Training Course on "Bees Therapy"  | College of Veterinary Medicine - University of              | /1/17<br>2019           |

|    |  | Qadisiyah  |                        |
|----|--|--|------------------------|
| 29 | Training Course on: "Antibiotic Sensitivity Tests"   | College of Veterinary Medicine - University of Qadisiyah | /12/11<br>2019         |
| 30 | English Language Course  | Faculty of Languages, University of Tehran               | /5/30<br>2017          |
| 31 | Real-Time PCR Course   | Company of Iran Gen-Tehran-Iran                          | -13<br>/7/14<br>2017   |
| 32 | Application of Nanotechnology in Veterinary Medicine   | College of Veterinary Medicine - University of Qadisiyah | /8/13<br>2020          |
| 33 | The First International Virtual Scientific Conference / College of Basic Education - "Scientific Research in the Face of Pandemics and Crises: Challenges of the Present and Prospects for the Future" | College of Basic Education - University of Misan         | -10<br>2020/11         |
| 34 | Application of Green synthesis in veterinary medicine studies  | College of Veterinary Medicine - University of Qadisiyah | /1/2825<br>2021        |
| 35 | RT-qPCR and Comventional PCR   | College of Veterinary Medicine - University of Qadisiyah | -14<br>201/2/17        |
| 36 | Using the CLC Program for Analyzing and Inputting New Genetic Sequence Data  | College of Veterinary Medicine - University of Qadisiyah | -4/18<br>/4/21<br>2021 |
| 37 | Role of Bioactive Compounds in animal Health   | College of Veterinary Medicine - University of Qadisiyah | -29<br>/11/1<br>2022   |
| 38 | Preparation of antigens  | College of Veterinary Medicine - University of Qadisiyah | -18<br>/12/21<br>2022  |
| 39 | Protein purification methods   | College of Veterinary Medicine - University of           | -24<br>/4/27<br>2023   |

|    |   | Qadisiyah  |                   |
|----|---|--|-------------------|
| 40 | How to Make a Vaccine   | College of Veterinary Medicine - University of Qadisiyah | 13-16/3/2023      |
| 41 | 2 <sup>nd</sup> International Scientific Conference of the Faculty of Veterinary Medicine | College of Veterinary Medicine / University of Qadisiyah | -21/11/22<br>2022 |
| 42 | Middle East Forum for Thought Leaders in Education  | Association of Arab Universities                         | -25/10/27<br>2021 |

## ***Publications***

1. Abdulla, A. K., et al. (2020). "Directly molecular identification of *Brucella melitensis* in previously aborted Ewes by Amniocentesis." *EurAsian Journal of BioSciences* 14(1).
2. AbedAli, B. H., et al. (2013). "Evaluation levels of IgG and some biochemical parameters in water buffalos vaccinated with HS vaccine in Al-Qassem Town." *Kufa Journal For Veterinary Medical Sciences* 4(2): 40-44.
3. Al-Alo, K. Z. K., et al. (2020). "Investigation of *Mycoplasma* Species in Diseased and Healthy Calves and Heifers in Al-Najaf Province, Iraq." *Veterinarija ir zootechnika* 77(99): 59-63.
4. Albayati, H. H., et al. (2023). "Microscopical and phylogenetic analysis of *Theileria annulata* in Iraqi local breed cattle: <https://doi.org/10.12982/VIS.2023.032>." *Veterinary Integrative Sciences* 21(2): 457-472.
5. AL-bdeery, A. H. J., et al. (2018). "Influence Ovariectomy on Parathyroid Gland Function in Local Bitches." *Journal of Endocrinology and Reproduction*: 13-17-13-17.
6. Albukhaty, S., et al. (2020). "Preparation and characterization of titanium dioxide nanoparticles and in vitro investigation of their cytotoxicity and

- antibacterial activity against *Staphylococcus aureus* and *Escherichia coli*." *Animal Biotechnology* 33(5): 864-870.
7. Albukhaty, S., et al. (2021). "Production and characterization of biocompatible nanofibrous scaffolds made of  $\beta$ -sitosterol loaded polyvinyl alcohol/tragacanth gum composites." *Nanotechnology* 33(8): 085102.
  8. Albukhaty, S., et al. (2020). "Current therapeutic protocols for COVID-19 and promising nanotechnology solution." *Misan Journal of Academic Studies* 19(38 (المؤتمر الافتراضي الأول-ملحق)).
  9. Albukhaty, S., et al. (2020). "Synthesis of zinc oxide nanoparticles and evaluated its activity against bacterial isolates." *J. Biotech Res* 11: 47-53.
  10. Alhujaily, M., et al. (2022). "Recent advances in plant-mediated zinc oxide nanoparticles with their significant biomedical properties." *Bioengineering* 9(10): 541.
  11. Ali, Q. T., et al. (2019). "Healing Rate of Ruminal Incision in Sheep After Single Dose Effect of Low Level Laser Therapy." *European Journal of Clinical and Biomedical Sciences* 5(1): 21-26.
  12. Al-Kaabi, W. J., et al. (2021). "Development of *Inula graveolens* (L.) plant extract electrospun/polycaprolactone nanofibers: a novel material for biomedical application." *Applied Sciences* 11(2): 828.
  13. Alkafajy, A., et al. (2020). Comparison of cattle BoLA-DRB3 typing by PCR-RFLP, direct sequencing, and high-resolution DNA melting curve analysis. *Veterinary Research Forum, Faculty of Veterinary Medicine, Urmia University, Urmia, Iran.*
  14. Al-Karagoly, H. (2007). Clinicopathology study of Experimental induced diabetes mellitus domestic Rabbits, M. SC. Thesis of Collage of vet. Medicinal/University of Busrah. 2007. Pp50-55.
  15. Al-Karagoly, H., et al. (2018). "MHC IIB genetic diversity and its association with humoral immune responses in commercial turkey." *Iranian Journal of Veterinary Medicine* 12(4): 347-356.
  16. Al-Karagoly, H., et al. (2019). "Turkey humoral and cell-mediated immune responses to a Newcastle viscerotropic vaccine and its association with major histocompatibility complex." *Bulgarian Journal of Veterinary Medicine* 22(1).
  17. Al-Karagoly, H., et al. (2022). "Green synthesis, characterization, cytotoxicity, and antimicrobial activity of iron oxide nanoparticles using

- Nigella sativa* seed extract." *Green Processing and synthesis* 11(1): 254-265.
18. Al-Karagoly, H. K. U. (2009). "The correlation between Serum Glucose levels and Glycosylated HemoglobinA1c in experimentally induced diabetes mellitus." *Al-Qadisiyah Journal of Veterinary Medicine Sciences* 8(2).
  19. Al-Karagoly, H. K. U. (2014). "The histopathological changes at skin of German shepherd dogs associated with ringworm infection in directorate of K9 in Al-Diwanyia province." *Med. Sci* 13(1).
  20. Al-Karagoly, H. K. U. and K. AbdulKareem (2012). "The short-term nephropathological complications due to alloxan induction of diabetes mellitus in male rabbits." *blood* 1050: 9.
  21. Al-Karagoly, H. K. U. and K. F. AbdulKareem (2012). "The short-term nephropathological complications in experimentally induced diabetes mellitus in female domestic rabbits." *Journal of Education for Pure Science* 2(1).
  22. Al-Kelabi, T., et al. (2019). "Growth hormone and growth hormone receptor genes expression related with productive traits of broilers under the effectiveness of the sweet basil plant additive as a growth promoter." *Adv Anim Vet Sci* 7(5): 361-369.
  23. Al-Kelabi, T. J. K., et al. (2020). "The impact of sweet basil plant additive on biochemical parameters and organoleptic quality of meat of chicken." *Annals of Tropical Medicine & Public Health*. DOI.
  24. AlMalki, F. A., et al. (2022). "Eco-friendly synthesis of carbon nanoparticles by laser ablation in water and evaluation of their antibacterial activity." *Journal of Nanomaterials* 2022: 1-8.
  25. AlMalki, F. A., et al. (2022). "Research Article Eco-Friendly Synthesis of Carbon Nanoparticles by Laser Ablation in Water and Evaluation of Their Antibacterial Activity."
  26. Al-Musawi, S., et al. (2020). "Design and synthesis of multi-functional superparamagnetic core-gold shell nanoparticles coated with chitosan and folate for targeted antitumor therapy." *Nanomaterials* 11(1): 32.
  27. Al-Musawi, S., et al. (2020). "Antibacterial activity of honey/chitosan nanofibers loaded with capsaicin and gold nanoparticles for wound dressing." *Molecules* 25(20): 4770.
  28. Al-Musawi, S., et al. (2020). "Dextran-coated superparamagnetic nanoparticles modified with folate for targeted drug delivery of



- camptothecin." *Advances in Natural Sciences: Nanoscience and Nanotechnology* 11(4): 045009.
29. Al-Musawi, S., et al. (2021). "Smart nanoformulation based on polymeric magnetic nanoparticles and vincristine drug: a novel therapy for apoptotic gene expression in tumors." *Life* 11(1): 71.
  30. Alyamani, A. A., et al. (2021). "Green fabrication of zinc oxide nanoparticles using phomis leaf extract: characterization and in vitro evaluation of cytotoxicity and antibacterial properties." *Molecules* 26(20): 6140.
  31. Alyamani, A. A., et al. (2023). "Electrospun Polycaprolactone/Chitosan Nanofibers Containing Cordia myxa Fruit Extract as Potential Biocompatible Antibacterial Wound Dressings." *Molecules* 28(6): 2501.
  32. Alzubaidi, A. K., et al. (2023). "Green synthesis and characterization of silver nanoparticles using flaxseed extract and evaluation of their antibacterial and antioxidant activities." *Applied Sciences* 13(4): 2182.
  33. Ghazi, A., et al. (2013). "The role of local propolis extract against harmful effects of acrylamide on some male reproductive parameters in rats." *Al-Qadisiyah Journal of Veterinary Medicine Sciences* 12(1).
  34. Kadhim, A. A., et al. (2023). "Investigating the effects of biogenic zinc oxide nanoparticles produced using papaver somniferum extract on oxidative stress, cytotoxicity, and the induction of apoptosis in the THP-1 cell line." *Biological trace element research*: 1-13.
  35. Kahdim, Q. S., et al. (2023). "Fabrication of a polycaprolactone/Chitosan nanofibrous scaffold loaded with nigella sativa extract for biomedical applications." *BioTech* 12(1): 19.
  36. Khalil, K. A., et al. (2021). "Formulation of Folate-conjugated, Doxorubicin-loaded Human Serum Albumin Nanoparticles for Promotion of Gene Expression Associated with Apoptosis in Renal Cell Carcinoma."
  37. Mahmood, R. I., et al. (2022). "Biosynthesis of copper oxide nanoparticles mediated Annona muricata as cytotoxic and apoptosis inducer factor in breast cancer cell lines." *Scientific Reports* 12(1): 16165.
  38. Murtaza Hashem, H. A.-K. (2021). "Synthesis, characterization, and cytotoxicity of titanium dioxide nanoparticles and in vitro study of its impact on lead concentrations in bovine blood and milk." *Journal of Biotech Research* 12: 93-105.
  39. Nikbakht Brujeni, G., et al. (2019). "Evaluation of humoral immune responses to enterotropic lentogenic VG/GA vaccine of Newcastle disease

- in commercial turkey poult (Meleagris gallopavo)." *Acta Veterinaria Scandinavica* 61(1): 1-6.
40. Rhyaf, A., et al. (2023). "In Vitro and In Vivo Functional Viability, and Biocompatibility Evaluation of Bovine Serum Albumin-Ingrained Microemulsion: A Model Based on Sesame Oil as the Payload for Developing an Efficient Drug Delivery Platform." *Pharmaceuticals* 16(4): 582.
  41. Tolouei, T., et al. (2017). "Efficacy of Echinacea purpurea and protxin on systemic and mucosal immune response to Newcastle diseases virus vaccination (VG/GA strain) in commercial turkey poult." *Iranian Journal of Veterinary Medicine* 11(1): 85-95.
  42. Ulaiwi, H. K. (2011). "Hemato-biochemical and histopathological alterations induced by acute cypermethrin toxicity in rabbits." *AL-Qadisiya journal of veterinary medicine science* 10: 84-94.
  43. Ulaiwi, H. K., et al. (2010). "Assessment of protective effect of thymus on cadmium chloride that induced nephropathy and neuropathy in rats." *Kufa Journal For Veterinary Medical Sciences* 1(1): 174-187.

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### *Official websites*

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- Scopus:  
<https://www.scopus.com/authid/detail.uri?authorId=57205545877>
- Google scholar:  
<https://scholar.google.com/citations?user=WWaH-UsAAAAJ&hl=ar>
- Web of Science:  
<https://www.webofscience.com/wos/author/record/G-4293-2019>
- ResearchGate:  
<https://www.researchgate.net/profile/Hassan-Alkaragoly>