

## PERSONAL AND CONTACT INFORMATION

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**Name:** Ahmad Mohammad Abdel Mageed Mohammad

**Date of birth:** 20 November, 1972.

**Nationality:** Egyptian.

**Marital status:** Married.                      **Children:** 4.

**Language:** Arabic (mother tongue), English and basic Japanese.

**Address (Home country):** Building No. 2, apartment No. 6, Al Kawthar Street Shaheen, Minia 61522, Egypt.

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## SCHOLARSHIPS

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**1-** The Japanese Ministry of Education, Culture, Sports, Science, and Technology (***Monbokagakosho scholarship***) from 10/2005 to 3/2008. Graduation from Lab. of Histophysiology, Department of Animal Science, Graduate School of Biosphere Science, Hiroshima University.

**2-** The Japanese Ministry of Education, Culture, Sports, Science, and Technology (***Monbokagakosho scholarship***) from 4/2008 to 3/2011. Graduation from Lab. of Histophysiology, Department of Animal Science, Graduate School of Biosphere Science, Hiroshima University.

**3-** Japan Society for the Promotion of Science (***JSPS***) provided by the Japanese government for postdoc research from 11/2012 to 11/2014. Research has been done in Lab. of Histophysiology, Department of Animal Science, Graduate School of Biosphere Science, Hiroshima University.

## ACADEMIC DEGREES

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**1- Bachelor of Science (Zoology)**, with very good honor grade, Faculty of Science, Minia University, Minia, Egypt. 1994.

**2- MSc in Zoology (Parasitology)**, Faculty of Science, Minia University, Egypt, 2002.

**Title:** Biological and Parasitological Studies on the Common Rat Tapeworm *Hymenolepis diminuta* (Rudolphi, 1819) Blanchard, 1891.

**3- MSc in Immunology**, Graduate School of Biosphere Science, Hiroshima University, Japan, 2008.

**Title:** Studies on the expression of  $\beta$ -defensins in the oviduct of laying hens.

**4- PhD in Immunology**, Graduate School of Biosphere Science, Hiroshima University, Japan, 2011.

**Title:** Studies on the innate immune functions in the oviduct of laying hens.

## EMPLOYMENTS AND POSITIONS

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**1- Demonstrator**, Zoology Department, Faculty of Science, Minia University from 12/1994 to 3/2002.

**2- Assistant lecturer**, Zoology Department, Faculty of Science, Minia University from 3/2002 to 11/2011.

**3- Research student**, Department of Bioresource Science, Graduate School of Biosphere Science, Hiroshima University from 10/2005 to 3/2006.

**4- Postdoc researcher**, Department of Bioresource Science, Graduate School of Biosphere Science, Hiroshima University, Japan. From 11/2012 to 11/2014.

**5- Lecturer of physiology and immunology**, Zoology, Department, Faculty of Science, Minia University from 11/2011 to 25/9/2017.

**6- Assistant professor of Immunology**, Biology Department, Faculty of Science and Arts, Northern Border University, Rafha, Saudi Arabia. From 25/9/2017 to 10/05/2024.

**7- Assistant professor of Immunology**, Department of Biological Sciences, College of Science, Northern Border University, Arar, Saudi Arabia. From 10/05/2024 to present.

## SCIENTIFIC MEMBERSHIP

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- 1- The Japanese Poultry Science Association.
- 2- The Japanese Animal Science Association.
- 3- The Japanese Avian Endocrinology Association.

## REVIEWER IN SOME INTERNATIONAL SCIENTIFIC JOURNAL

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- 1- Cytokine, IF. 3.5.
- 2- Veterinary Research Communications, IF. 0.98.
- 3- Animals, IF. 1.832

## AN EDITORIAL MEMBER IN SOME INTERNATIONAL JOURNALS

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- 1-American Journal of Biomedical and Life Sciences.  
(<http://ajbls.org/editorialboard>)
- 2- SCIREA Journal of Biology.  
(<http://www.scirea.org/journal/EditorialBoard?JournalID=18000#7447>)

## COMPUTER SKILLS

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I have attended the following training programs and passed the examinations prepared by the Central Unit of IT training (CUIT)

- Basic Track (Concepts of IT, using Computers and Managing Files, Word Processing, Spreadsheets, Presentations, Database, Information and Communication, Introduction to PC Maintenance and Protection)
- Advanced Track (Operating Systems, Word Processing, Spreadsheets, Power Point, Graphics Adobe Photoshop, Database.

## SCIENTIFIC TECHNIQUES

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Histology, Immunohistochemistry, western blot, ELISA, tissue culture, RNA isolation, regular RT-PCR and Real time PCR.

## LIST of PUBLICATIONS

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- 1- Khalifa R. M. A, Amira A. Abou El-Magd, Ibraheem M. H, **A. M. Abdel Mageed**. Scanning electron microscopy and histopathological studies on *Hymenolepis diminuta* (Cyclophyllidea: Hymenolepididae), with a reference to the mode of attachment. *Bulletin of the Faculty of Science, Assiut University* 29:33-39. 2000.
- 2- **A. M. Abdel Mageed**, N. Isobe, and Y. Yoshimura. Expression of avian  $\beta$ -defensins in the oviduct and effects of lipopolysaccharide on their expression in the vagina of hens. *Poultry Science*, 87: 979-984, 2008.
- 3- **A. M. Abdel Mageed**, N. Isobe, and Y. Yoshimura. 2009. Immunolocalization of avian  $\beta$ -defensins in the hen oviduct and their changes in the uterus during eggshell formation. *Reproduction*. 138 (6): 971-978, 2009.
- 4- **A. M. Abdel Mageed**, N. Isobe, and Y. Yoshimura. 2011. Changes in the Density of Immunoreactive Avian  $\beta$ -Defensin-3 and -11 in the Hen Uterus in Response to Lipopolysaccharide Inoculation. *Journal of Poultry Science*. 43 (1): 73-77, 2011.
- 5- Sonoda Y, **Abdel Mageed A. M**, Isobe N, Yoshimura Y. Induction of avian  $\beta$ -defensins by CpG oligodeoxynucleotides and proinflammatory cytokines in hen vaginal cells in vitro. *Reproduction*. 21; 145, 621-31. 2013.
- 6- Yukinori Yoshimura, **Ahmad M. Abdel Mageed**, Takahiro Nii, Bambang Ariyadi and Naoki Isobe. Innate Immune functions in hen reproductive organs. *Avian Biology Research*. 7: 1-9. 2014.
- 7- **Abdel Mageed A. M**, Isobe N, Yoshimura Y. Effects of different TLR ligands on the expression of proinflammatory cytokines and avian beta-defensins in the uterine and vaginal tissues of laying hens. *Veterinary Immunology and Immunopathology*, 162: 132-144. 2014.
- 8- **Abdel Mageed A. M**, Isobe N, Yoshimura Y. Effects of Viral-associated Molecular Patterns on the Expression of Cathelicidins in the Hen Vagina. *Journal of Poultry Science*, 53: 240-247, 2016.
- 9- **Abdel Mageed A. M**, Nii, T, Isobe N, Yoshimura Y. Modulatory roles of proinflammatory cytokines on the expression of cathelicidins in the lower regions of the oviduct of laying hens. *Cytokine* 99 (2017) 66–72.

- 10- Iftekhhar Hassan, Hossam Ebaid, Ibrahim M. Alhazza, Jameel Al-Tamimi, Shazia Aman, **Ahmad M. Abdel-Mageed.**: Copper mediates in anti-inflammatory and anti-fibrotic activity of gleevec in hepatocellular carcinoma induced male rats. *Canadian Journal of Gastroenterology and Hepatology*, 2019, Volume 2019, Article ID 9897315, 11 pages.
- 11- **Abdel-Mageed A. M., Ahmed Kamal Eldin Osman, Nabil S. Awad, Mohamed A. Abdein.** Effects of some wild plants in Northern Saudi Arabia on induction of resistance against diabetes. *International Journal of Pharmaceutical research and Allied Sciences*, 2019, 8(1):36-44
- 12- Hanan M. A. Shalabi, Inas H. Refaat, Asmaa S. A. Ibrahim and **Ahmad M. Abdel-Mageed.** The Role of Folic Acid as a Protective Drug on Some of Augmentin-Induced Toxic Effects in Male Albino Rats. *International Journal of Biology, Pharmacy and Allied Sciences*, 2019, 8(11): 2028-2047.
- 13- Hossam Ebaid Samir A. E. Bashandy, **Ahmad Mohammad Abdel Mageed** Ibrahim M. Alhazza. Folic acid and melatonin mitigate diabetic nephropathy in rats via inhibition of oxidative stress. *Nutrition & Metabolism* 2020, 17(1). <https://DOI: 10.1186/s12986-019-0419-7>.
- 14- **Ahmad M. Abdel-Mageed**, Muaz Magzub, Mohamed A. Abdein and Nabil S. Awad, (2021). Vitamin C ameliorates the cefepime-induced changes of liver enzymes, histopathology and proinflammatory cytokines in male Albino rats. *Int. J. Life Sci. Pharma Res.*11(4), L137-146.
- 15- Abu-Tahon, M. A., **Abdel-Majeed, A. M.**, Ghareib, M., Housseiny, M. M., & Abdallah, W. E. (2023). Thrombolytic and anticoagulant efficiencies of purified fibrinolytic enzyme produced from *Cochliobolus hawaiiensis* under solid-state fermentation. *Biotechnology and Applied Biochemistry*, 70(6), 1954-1971. <https://doi.org/10.1002/bab.2502>.
- 16- **Abdel Mageed, A. M.**, Ariyadi, B., Isobe, N., & Yoshimura, Y. (2024). NLRC5 expression profile in the oviduct of laying hens and its changes following estradiol treatment in induced molting hens. *Bangladesh Journal of Zoology*, 51(3), 345–359. <https://doi.org/10.3329/bjz.v51i3.72045>.
- 17- **Abdel-Mageed, A. M.**, Abdellatif, M. M., Ali, Y. H., Elsayed, D. A., Intisar, K. S., & AbuTahon, M. A. (2024). Anti-inflammatory and antioxidant immunomodulatory effects of some natural common plants. *Seybold Report Journal*, 19(4), 91-103. <http://DOI: 10.5110/77. 1407>
- 18- **Ahmad M. Abdel-Mageed**, Medhat Ahmed Abu-Tahon, Nabil S. Awad. Cyclophosphamide Induced Immunosuppression, Hepatotoxicity And Spleen Damage, And The Protective Effects Of Ginger Against Its Side Effects. (2024). *African Journal of Biomedical Research*, 27(4S), 2895-2910. <https://doi.org/10.53555/AJBR.v27i4S.3883>
- 19- Salma Yousif Sidahmed Elsheikh, Ismail M. A. M. Shahhat, **Ahmad M. Abdel-Mageed.** A Comparative Study of Oil- Utilizing Bacteria Isolated and Identified from Contaminated Soils Between Petrol Filling Stations in Two Different Sites. (2024). *African Journal of Biomedical Research*, 27(4S), 5981-5987. <https://doi.org/10.53555/AJBR.v27i4S.443>

20- Abdalla Abdalla Abdalla Sayed and Ali M. Ali, **A. M. Abdel-Mageed**, Ismail M. A. M. Shahhat, Lina Eltaib, Salma Yousif Sidahmed Elsheikh, Sally A. ELsherbeny, & Medhat Ahmed Abu-Tahon, Ali Y. H, Abdellatif, M. M, Intisar K.S, Hind A. Rikabi, Manal Ibrahim Ahmed Mohammed. (2024). Water Extract of Arabic Gum Ameliorates the Gentamicin-Induced Nephrotoxicity, Hepatotoxicity, Oxidative Stress Markers and Cytokine Levels in Mice. *South Eastern European Journal of Public Health*, 2074–2084. <https://doi.org/10.70135/seejph.vi.3033>

21- Saeed, I., Ali, Y., Abdellatif, M., Mustafa, A., & **Abdel-Mageed, A.** (2024). Coinfection of some respiratory viruses in cattle: An abattoir study. *Onderstepoort Journal of Veterinary Research*, 91(1), 8 pages. <https://doi.org/10.4102/ojvr.v91i1.2193>

22- Amin, M. A., Shahhat, I. M. A. M. ., Ismail, M. A. ., Nowwar, A. I. ., Elsheikh, S. Y. S. ., El-khawaga, H. A. ., Abdelwahab, A. T. ., Abdelfattah, M. A. ., Elsherbeny, S. A. ., **Abdel-Mageed, A. M.** ., Abdein, M. A. ., & Bedawy, I. M. . (2024). Vicia faba overcomes drought stress by spraying with Xerophytic Anabasis setifera extract. *Edelweiss Applied Science and Technology*, 8(6), 8008–8022. <https://doi.org/10.55214/25768484.v8i6.373>

23- **Abdel-Mageed, A. M.** , M. M, A., Y. H, A. ., Intisar, I. K., Shahhat, I. M. A. M. ., Abu-Tahon, M. A. ., Abdein, M. A. ., Aljameeli, M. M. ., Elsheikh, S. Y. S. ., Elwasefy, S. A. ., Mahrouki, S. ., & Ali, Z. A. . (2024). Inflammatory immune response and its key roles in the process of bone fractures healing. *Edelweiss Applied Science and Technology*, 8(5), 2536–2541. <https://doi.org/10.55214/25768484.v8i6.3738>

24- Shahhat, I. M. A. M., **Abdel-Mageed, A. M.**, Elsheikh, S. Y. S., Abdelwahab, A. T., Abdelfattah, M. A., Ali, S. A. E. A. A. M. (2024). "Amino Acids and Polyamines in Foliar Spraying in Enhancing Medicinal Plant Resilience to Abiotic Stress – A Systematic Review", *Journal of Angiotherapy*, 8(11),1-15,10082. <https://doi.org/10.25163/angiotherapy.81110082>

#### **PAPERS PUBLISHED IN PROCEEDINGS**

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- **A. M. Abdel Mageed**, N. Isobe, and Y. Yoshimura. Localization of avian beta-defensins in hen uterus and their changes with ovulatory cycle and Lipopolysaccharide stimulation. The 14<sup>th</sup> AAAP Animal Science Congress, August 23-27, 2010, Pingtung, Taiwan.

- Y. Yoshimura, **A. M. Abdel-Mageed**, T. Nii, Y. Sonoda, and N. Isobe. Innate immune system in the hen oviduct. Korea-Japan Joint Symposium on Avian Biology. July 11-12, 2011, Seoul National University. South Korea.

- **A. M. Abdel-Mageed**, N. Isobe and Y. Yoshimura. Effects of poly I:C, flagellin and CpG-ODN on the expression of avian  $\beta$ -defensins and proinflammatory cytokines in the uterus of laying hen. Submitted for the poultry science association conference July 14-17, 2014. Texas, USA.

- **A. M. Abdel-Mageed**, N. Isobe and Y. Yoshimura. Regulation of the cathelicidins expression in the vagina of laying hens in response to stimulation with microbial-associated molecular patterns. 17th AAAP Animal Science Congress, August 22-25, 2016, Fokouka, Japan.

**INTERNATIONAL CONFERENCES**

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- 1- The 14<sup>th</sup> AAAP Animal Science Congress, August 23-27, 2010, Pingtung, Taiwan.
- 2- Korea-Japan Joint Symposium on Avian Biology, July 11-12, 2011, Seoul National University. South Korea.
- 3- 10<sup>th</sup> International Symposium on Avian Endocrinology. 2012, Gifu, Japan.
- 4- Annual meeting of Poultry Science Association. July 14-17, 2014. Texas, USA.
- 5- 10<sup>th</sup> Asia Pacific Poultry Conference. 19-23 October, 2014. ICC Jeju, Korea.
- 7- 17<sup>th</sup> AAAP Animal Science Congress, August 22-25, 2016, Fukuoka, Japan.
- 8- The 5<sup>th</sup> International Conference for Young Scientists in Basic and Applied Sciences, November 29- October 1<sup>st</sup>, 2016, Assiut University, Egypt.

**ABSTRACTS IN SCIENTIFIC MEETINGS**

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- **Ahmad Mohammad Abdel Mageed**, Isobe Naoki and Yokinori Yoshimura. Effect of lipopolysaccharide (LPS) on the expression of Gallinacins in chicken oviduct. The Japan Poultry Science Association (March 2007. Yokohama, Japan).
- **Ahmad Mohammad Abdel Mageed**, Isobe Naoki and Yokinori Yoshimura. Immunolocalization of avian  $\beta$ -defensins -1, -3 and -12 in the oviduct of healthy laying hens. The Japan Poultry Science Association (September 2007. Okayama, Japan).
- **Ahmad Mohammad Abdel Mageed**, Isobe Naoki and Yokinori Yoshimura. Immunolocalization of avian  $\beta$ -defensin -1,-3 and -12 in the oviduct of laying and non-laying hens. The Japan Poultry Science Association (March 2008. Mito, Japan).
- **Ahmad Mohammad Abdel Mageed**, Isobe Naoki and Yokinori Yoshimura. Changes in the localization of immunoreactive Av $\beta$ D-3 in hen oviduct during the passage of the eggs. The Japan Poultry Science Association (August 2008. Aomori, Japan).
- **Ahmad Mohammad Abdel Mageed**, Isobe Naoki and Yokinori Yoshimura. Changes in the localization of avian beta-defensins in the uterus during egg formation in hens. The Japan Animal Science Association (March 2009. Kanagawa, Tokyo, Japan).
- **Ahmad Mohammad Abdel Mageed**, Isobe Naoki and Yokinori Yoshimura. Transmission of avian beta-defensins from the uterus mucosa to egg-shell membrane and egg-shell. The Japan Poultry Science Association (August 2009. Okinawa, Japan).
- **Ahmad Mohammad Abdel Mageed**, Isobe Naoki and Yokinori Yoshimura. Changes in the density of avian beta-defensins in hen uterus in response to lipopolysaccharide. The Japan Animal Science Association (March 2010. Tokyo, Japan).
- Yoshimura Y., **Abdel-Mageed A.**, Sonoda Y., Nii T., Ariyadi B., Isobe N. Regulation of  $\beta$ -defensins expression by microbial components and proinflammatory cytokines in hen oviduct. 10<sup>th</sup> International Symposium on Avian Endocrinology. 2012, Gifu, Japan.



- **Ahmad Mohammad Abdel Mageed**, Isobe Naoki and Yokinori Yoshimura. Identification of Nod-like receptor (NLR) expression in the oviduct of laying and molting hens. The Japan Animal Science Association (August, 2013. Niigata, Japan).
- **Ahmad Mohammad Abdel Mageed**, Isobe Naoki and Yokinori Yoshimura. Effects of melanin and estradiol on the expression of *NLR5* in the oviduct of laying and molting hens. The Japan Avian Endocrinology (November, 2013. Kumamoto, Japan).
- **Ahmad Mohammad Abdel-Mageed**, Naoki Isobe and Yukinori Yoshimura. Effects of poly I:C, flagellin and CpG-ODN on the expression of proinflammatory cytokines IL- 1 $\beta$  and IL6 in the uterus and vagina of laying hens. Japan Poultry Science Association conference. Tsukuba, Japan, March 2014.
- Yukinori Yoshimura, **Ahmad Abdel-Mageed**, Takashi Kamimura, Naoki Isobe. Expression of avian  $\beta$ -defensins, a member of antimicrobial peptides, in hen oviduct. 10th Asia Pacific Poultry Conference. 19-23 October, 2014. ICC Jeju, Korea.
- **A. M. Abdel-Mageed**, N. Isobe and Y. Yoshimura. The roles of proinflammatory cytokines in induction of cathelicidins expression in the uterus and vagina of laying hens. The Fifth International Conference for Young Scientists in Basic and Applied Sciences, next November 29, 2016, Assiut University, Egypt.

### **Scientific Projects:**

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#### **1- Principal Investigator of the research project:**

"*Effects of some wild plants in Northern Saudi Arabia on induction of resistance against diabetes*". Research Project No. (7543-SAR-2017-1-8-F) that supported by the Deanship of Scientific Research, Northern Border University, Arar, KSA. Achieved

#### **2- Principal Investigator of the research project:**

"*Evaluation of the pharmacological effects of some antioxidants on the 4th generation antibiotic cefepime-induced nephrotoxic and hepatotoxic rats*". Research Project No. (7949-SAR-2018-3-9-F) that supported by the Deanship of Scientific Research, Northern Border University, Arar, KSA. Ongoing.

#### **3- Principal Investigator of the research project:**

"*Evaluation of the immunomodulatory effects of some wild plants in Kingdom of Saudi Arabi*" Research Project No. (8334-SAR-2019-1-10-F) Deanship of Scientific Research, Northern Border University, Arar, KSA. Under Processing.

#### **4- Co-Investigator of the research project:**

"*Molecular Identification of B. meletensis from Camels in Raha, Saudi Arabia based on wobA gene Sequence*". Research Project No. (8133-SAR-2019-1-10-F) Deanship of Scientific Research, Northern Border University, Arar, KSA. Under Processing.



**5- Co-Investigator of the research project:**

"*Screening red sea marine algae from Saudi Arabia for their anticancer activities*".  
Research Project No. (8340-SAR-2019-1-10-F) Deanship of Scientific Research,  
Northern Border University, Arar, KSA. Under Processing.

**AWARDS:**

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- The Award of Scientific Publication (2015) from Minia University.
- The Award of Scientific Publication (2017) from Minia University.

**REFERENCES****- Prof. Yukinori Yoshimura**

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**- Prof. Ezzat Awad<sup>1,2</sup>**

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<sup>2</sup>Zoology department, Faculty of Science, Minia University, Egypt.

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