



# CV

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## Personal Data

- ✚ Date of birth: 19/3/1981.
- ✚ Place of birth: Sohag – Egypt.
- ✚ Nationality: Egyptian.
- ✚ Marital Status: Married.
- ✚ Postal Address: Department of Veterinary Medicine, College of Agriculture and Veterinary medicine, Qassim University, Buraydah, Qassim, KSA.

## Education & Academic degrees

- ✚ 1997–2003: Bachelor (B.V.Sc.) - South Valley University, Faculty of Veterinary Medicine, Egypt.
- ✚ 2004–2007: Master (M.V.Sc.) South Valley University, Faculty of Veterinary Medicine, Egypt.
- ✚ 2007-2011: PhD V.Sc. Exchange program (Yamaguchi University, Japan and South Valley University- Faculty of Veterinary Medicine, Qena, Egypt)
- ✚ 2012: Post doctor fellowship at UCD, Ireland (University College Dublin).
- ✚ 2013: Post doctor fellowship at Obihiro University, Japan.

## Employment:

- ✚ 2004-2007: Demonstrator, Faculty of Vet. Medicine, South Valley University, Qena, Egypt
- ✚ 2007 to 2009: Assistant lecturer, Faculty of Vet. Medicine, South Valley University, Qena, Egypt.
- ✚ 2009 to 2011: PhD researcher, Department of Parasitology, United graduate school of Veterinary medical sciences, Yamaguchi University Japan (PhD program).
- ✚ 2011-2012: Lecturer, Faculty of Vet. Medicine, South Valley University, Qena, Egypt.
- ✚ 2014-2017: Assistant Professor, College of applied medical sciences, Majmaah University, KSA
- ✚ 2016-2019: Assistant professor, College of Vet. Medicine, South Valley University, Egypt.
- ✚ 2021: Professor College of Vet. Medicine, South Valley University, Egypt.
- ✚ 2019 till current: Associate Professor, College of Agriculture and Vet. Medicine, Qassim University, KSA

## Skills

- ✚ Language Skills: Fluent in spoken and written English, international IBT TOEFL certificate.
- ✚ Computer Skills: I.C.D.L certificate and ICTP and digital transformation certificates.
- ✚ OHSAS 18001:2007 Occupational health and safety management system training, 3-5 Jan. 2015, KSA.
- ✚ Parasitological skills: Parasitology lab. Works, P.M examination, Worm recovery, Identification, Morphometrical studies, Molecular biology, Phylogenetics and Bioinformatics.
- ✚ 2 years in the laboratory of Vet. Parasitology, Yamaguchi University, Japan.
- ✚ First report of *Ascarops dentata* in from wild boar in Japan.
- ✚ First report of *Elaeophora elaphi* from deer in Japan.
- ✚ South Valley University Scientific Publishing Award (2013, 2014, 2015, 2016, 2017 & 2018, 2019, 2020 and 2021).
- ✚ Digital transformation certificate (2020).
- ✚ Leadership talent developments workshops (2017-2020).
- ✚ Online course how to use Blackboard extra for online teaching (2020).
- ✚ Online course: lab. Safety and occupational health (2020).

## Membership of scientific societies and journals:

- ✚ Member of the Scientific Society of Sheep and Cattle (Khnum).
- ✚ Member of the Japanese Society of Parasitology.
- ✚ Editor of the Russian Journal of Parasitology.
- ✚ Editor of the Journal of Applied and Experimental Animal Sciences.
- ✚ Editor of the American Clinical Journal of Infectious Diseases.
- ✚ Editor of the American Journal of Parasitology.
- ✚ Reviewer in Pathogens Journal.
- ✚ Reviewer in the Journal of the Saudi Society of Agricultural Sciences.

## Conferences:

- ✚ 30th world congress of biomedical laboratory science 18-22 August 2012, Berlin, Germany.
- ✚ 9th world congress on alternatives and animal use in the life sciences, 24-28, 2014 prague, Czech.
- ✚ 13th international conference on Veterinary and Biomedical sciences, March 23-24, Prague, Czech.
- ✚ 32nd world veterinary congress, 13-17 September 2015, Istanbul, Turkey.
- ✚ 17th international conference on animal and veterinary medicine, 24-25 November 2015, Dubai, UAE.
- ✚ Parasitology congress, Prague, Czech Republic, March 2018.
- ✚ CABI online webinar about professional writing or grant proposal (2021).
- ✚ National Research center webinar, Veterinary research division webinar, Cairo, Egypt (2020).

## List of publication

1. **Zaman MA, Rafique A, Mehreen U, Mehnaz S, Atif FA, Abbas A, Hussain K, Raza MA, Altaf S, Siddique F, Masudur RM, Mosaab, Omar M (2022)** Epidemiological investigation and development of loop mediated isothermal amplification for the diagnosis of ovine theileriosis. Pak Vet J. <http://dx.doi.org/10.29261/pakvetj/2022.039>
2. **Kandeel M, Rehman TU, Akhtar T, Zaheer T, Ahmad S, Ashraf U and Mosaab. Mossab Omar, (2022)** Anti-parasitic applications of nanoparticles: a review. Pak Vet J. <http://dx.doi.org/10.29261/pakvetj/2022.040>.
3. **Mosaab A. Omar, Alsaghir Omran, Dalia A. Ibrahim, Layla O Elmajdoub, Shima sobhy Sorour, Mohammad Ali Al-Wabel, Mickymaray Suresh and Asmaa M. Metwally (2021)** Genetic characterization and phylogenetic analysis of *Fasciola* species based on ITS2 gene sequence with first molecular evidence of intermediate *Fasciola* from water buffaloes in Aswan, Egypt, Annals of parasitology 2021, 67(1), 55–65.
4. **Wessam Mohamed Ahmed Mohamed, Alsagher O. Ali, Hassan Y.A.H. Mahmoud, Mosaab A. Omar, Elisha Chatanga, Bashir Salim, Doaa Naguib, Jason L. Anders, Nariaki Nonaka, Mohamed Abdallah Mohamed Moustafaand Ryo Nakao (2021)** Exploring bacterial and eukaryotic microbiomes helps in detecting infectious agents in the blood of trans country camels, Pathogens 2021, 10, 351.
5. **Shimaa Abd El-Salam El-Sayed, Mohamed A. El-Adl, Mayar O. Ali, Mostafa Al-Araby, Mosaab A. Omar, Mohamed El-Beskawy, Shimaa Sobhy Sorour, Mohamed Abdo Rizk, Magdy Elgiouhy (2021)** Molecular Detection and Identification of *Babesia bovis* and *Trypanosoma* spp. in one-humped camel (*Camelus dromedarius*) in Halayeb and Shalateen, Egypt, Veterinary world (2021) volume 14(3), 625-633.
6. **Mahmoud AbouLaila, Amer Ragheb AbdEl-Aziz, Soad Menshawy, Naoaki Yokoyama, and Ikuo Igarashi1, Mohammad A. Al-Wabel & Mosaab A. Omar (2021)** Evaluation of the in vitro and in vivo inhibitory effects of coumermycin A1 on the growth of *Theileria* and *Babesia* parasites, Pakistan Veterinary journal (2021)
7. **Amira Adel Al-Hosary, Ahmed ElSify, Akram A. Salama, Mohamed Nayel, , Layla Omran Elmajdoub4, Mohamed Abdo Rizk, Mohammad Ali Al-Wabel, Abdulaziz M. Almuzaini, Laila Salah EL-Din Ahmed , Mickymaray Suresh, Mosaab A. Omar (2021)** Phylogenetic study of *Theileria ovis* and *Theileria lestoquardi* in Sheep from Egypt: Molecular evidence, and genetic characterization, Veterinary world (2021) volume 14(3), 625-633.
8. **MS Al-Aboody, MA Omar, AF Alsayeqh (2020)** Epizootiology of zoonotic parasites in Middle East: a comprehensive review, Annals of Parasitology, 01 Jan 2020, 66(2):125-133, DOI: 10.17420/ap6602.247.
9. **Mahmoud AbouLaila, Shimaa Abd El-Salam El-Sayed, Mosaab A. Omar, Mohammad Saleh Al-Aboody 6, Amer R. Abdel Aziz , Mohamed M. Abdel-Daim, Mohamed Abdo Rizk and Ikuo Igarashi (2020)** Myrrh Oil in Vitro Inhibitory Growth on Bovine and Equine Piroplasm Parasites and *Babesia microti* of Mice, Pathogens 2020, 9(3), 173; <https://doi.org/10.3390/pathogens9030173>
10. **Shimaa Sobhy Gharib Sorour, Nagwa M El-Hawary, Ahmed El-Morsey, Layla Omran Elmajdoub, Mosaab Omar, Khaled Sultan (2020)** Molecular and Phylogenetic Study Based on Two Mitochondrial DNA Genes of Rabbit Pinworm “*Passalurus ambiguus*” Asian Journal of Animal and Veterinary Advances, Volume:15, Issue:1, Page:20-24 DOI: 10.3923/ajava.2020.20.24
11. **Nahla Hossameldin Ahmed, Monica Caffara, Ariadna Sitjà, Bobadilla, Maria Letizia Fioravanti, Angelica Mazzone, Abbass Sayed Aboulezz, Asmaa Mohamed Metwally, Mosaab Adl-Eldin Omar, Oswaldo R Palenzuela (2019)** Detection of the intranuclear microsporidian *Enterosporea nucleophila* in gilthead sea bream by in situ hybridization. Journal of fish diseases, 2019; 42:809–815. DOI: 10.1111/jfd.12993.

12. **El-Dakhly KM, El-Seify MA, Mohammed ES, Elshahawy IS, Fawy SA and Omar MA (2018)** Prevalence and distribution pattern of intestinal helminths in chicken and pigeons in Aswan, Upper Egypt. *Trop Anim Health Prod.* 2018, 51, pages713–718. Doi: 10.1007/s11250-018-1725-1
13. **Amer R Abdel Aziz, Mahmoud R AbouLaila, Mohammad Aziz, Mosaab A Omar, Khaled Sultan (2018)** In vitro and in vivo anthelmintic activity of pumpkin seeds and pomegranate peels extracts against *Ascaridia galli*. *Beni-Suef University Journal of Basic and Applied Sciences*
14. **Mosaab A. Omar, NM Elhawary, SSG Sorour<sup>1</sup>, EK Bazh, MA El-Abasy (2018)** Toxicity of fipronil in rabbits as a therapeutic drug for "*Psoroptes cuniculi*": A preliminary observation. *Journal of Experimental and Applied Animal Sciences*
15. **Elmajdoub O Layla, H Elhamali Shabash, A Mosaab Omar, M Afaf Aborawis (2018)** Prevalence of endo-parasites of common tree frog (*Rana Saharica*) from Misurata, Libya. *Sudan Journal of Medical Sciences (SJMS)*
16. **Mosaab A Omar, Mohammed S Al-Aboudy, F Abosheba, S Elzwawi (2017)** Prevalence of parasitic contamination of leafy green vegetables in misurata, Libya. *Russian journal of Parasitology*, volume 2 , issue 40
17. **Mosaab Adl Eldin Omar, Layla OmranElmajdoub, Mohammad SalehAl-Aboody, Ahmed MahmoudElsify, Ahmed OsmanElkhtam, Abdelnasser A.Hussien (2016)** Molecular characterization of *Cysticercus tenuicollis* of slaughtered livestock in Upper Egypt governorates. *Asian Pacific Journal of Tropical Biomedicine* 6 (8), 706-708.
18. **Mohamed Abdo Rizk, Shimaa Abd El-Salam El-Sayed, Mohamed Alaa Terkawi, Mohamed Ahmed Youssef, El Said El Shirbini El Said, Gehad Ramadan Elsayed, Sabry Ahmed El-Khodery, Maged Rizk El-Ashker, Ahmed Mahmoud Elsify, Mosaab Adly Omar, Akram ahmed Salama, Naoaki Yokoyama, Ikuo Igarashi (2015)** Optimization of a fluorescence-based assay for mass drug screening against *Babesia* and *Theileria* parasites, *PLOS ONE*, Published: April 27, 2015DOI: 10.1371/journal.pone.0125276.
19. **Elsify A, Sivakumar T, Nayel M, Salama A, Elkhtam A, Rizk M, Mosaab O, Sultan K, Elsayed S, Igarashi I, Yokoyama N (2014)** An epidemiological survey of bovine *Babesia* and *Theileria* parasites in cattle, buffaloes, and sheep in Egypt. *Parasitol Int.* 2014 Oct 8. Pii: S1383-5769(14)00137-8. doi: 10.1016/j.parint.2014.10.002
20. **Mosaab Omar, Mohie Haridy, Madeh Sadan, Hiroki Sakai, Tokuma Yanai (2014)** *Coenurus cerebralis* cyst in the orbit of a ewe. *Onderstepoort J Vet Res; Vol 81, No 1 (2014)*, 4 pages. Doi: 10.4102/ojvr.v81i1.707.
21. **Mosaab Omar, Khaled Sultan, Elseify Mahmoud and Abdelrazek Desouky (2013)** Molecular and phylogenetic study on *Toxocara vitulorum* from cattle in the mid-Delta of Egypt. *Journal of Parasitic Diseases* DOI 10.1007/s12639-013-0373-7.
22. **Mosaab Omar, Khaled Sultan, Mohie Haridy and Alsagher Omran (2013)** Prevalence of cystic Echinococosis in slaughtered ruminants in different abattoirs, Upper Egypt. *American Journal of Animal and Veterinary Sciences.* Volume 8, Issue 3, Pages 117-121.
23. **Asmaa Metwally; Mahmoud Abd-Ellah; Amira AL-Hosary; Mosaab Omar (2013)** Microscopical and serological studies on *Sarcocystis* infection with first report of *S. cruzi* in buffaloes in Egypt. *Journal of Parasitic Diseases* (2013): February 15, 2013. DOI 10.1007/s12639-013-0257-x
24. **M. Omar, K. Sultan, P. Makouloutou, Y. Kaneshiro, E. Saita, M. Yokoyama, K. Suzuki, E. Hosoi and H. Sato (2012)** Molecular genetic conspecificity of *Spiculopteragia houdemeri* (Schwartz, 1926) and *S. andreevae* (Drózdź, 1965) (Nematoda: Ostertagiinae) from wild ruminants in Japan. *Journal of Helminthology.* First View Article, pp 1-12.DOI: <http://dx.doi.org/10.1017/S0022149X12000521>.

25. **Mosaab Omar, Kazuo Suzuki, Tomoka Tsuji, Mayumi Yokoyama, Eiji Hosoi, Shiho Fujita, and Hiroshi Sato (2010)** Prevalence of visceral Helminthes of sika deer (*Cervus Nippon*) with special regard to the First record of *Elaeophora elaphi* Hernandez et al., 1986 (Nematoda; Onchocercidae) in Japan. Japanese journal of veterinary Parasitology, volume 9 no. 1 September 2010.
26. **Mosaab A. Omar, Masae Toda, Tomoka Tsuji, Mayumi Yokoyama, Hiroshi Sato (2010)** Helminths of wild boar (*Sus scrofa leucomystax*) with special regard to the First record of *Ascarops dentata* Linstow, 1904 (Nematoda; Spirocercidae; Ascaropsinae) in Honshu, Japan. Japanese journal of veterinary parasitology, volume 9 no. 2 September 2010.
27. **Masae Toda, Mosaab A. Omar, Khaled sultan, Hiroshi Sato (2010)** Relationship between morphotype and genotype of Capillarid nematodes recovered from digestive tract of wild carnivores in Japan. Japanese journal of veterinary parasitology, volume 9 no. 2 September 2010.
28. **Suzu Eiji, Mosaab A. Omar, Masae Toda, Khaled sultan, Hiroshi Sato (2010)** Study about trematodes recovered from raccoon in specific areas, especially *Macroorchis spinolosus* and *Euryhalmis costaricensis*. Volume 9 no. 2 September 2010.
29. **Mosaab A., Omar, Ibrahim, Ahmed, Adel Elsayed, and Elseify, Mahmoud (2007):** Prevalence of Abomasal worms Among Ruminant Animals in Qena Province by Copro-Culture Examination: 9th Scie. Cong., Egyptian Society for Cattle Diseases, 2:4 Dec. 2007, Assiut, Egypt
30. **Mosaab A., Omar, Ibrahim, Ahmed, Adel Elsayed, and Elseify, Mahmoud (2007):** Prevalence of Helminth parasites Among Ruminant Animals in Qena Province by Coprological Examination: Ninth Scie. Cong., Egyptian Society for Cattle Diseases, 2:4 Dec. 2007, Assiut, Egypt.

*I hope my qualifications meet your requirements*

*Mosaab A. Omar*