Curriculum Vitae

✧ Personal Data

- **Name:** Yassien Ahmed Yassien Badr
- **Nationality**: Egyptian
- **Date of birth**: April, 14th, 1984
- **Marital State** : Married
- **Home address:** Damanhour city, Al-Beheira province, Egypt.
- **E-mail:** Yaseen.badr@vetmed.dmu.edu.eg
  Yassienbadr1@gmail.com
- **Cell phone:** +201023494722
  +201012002632

✧ Education and Qualification Degrees

1. **Primary school**: I had joined "Mohamed Naseem El-Giar primary school" in 1990 and graduated in 1995. The school address is: Khnieza village, Kom-Hamada city, Behera province, Egypt.
2. **Preparatory school**: I had joined "Khnieza preparatory school" in September, 1995 and graduated from it in June, 1998. The school address is: Khnieza village, Kom-Hamada city, Behera province, Egypt.
3. **Secondary school**: I had joined "Nasser secondary school" in September, 1998 and graduated in June, 2001 with 94.2% success percent. The school address is : Al-Gomhuria street, Kom-Hamada city, Behera province , Egypt.
4. **Bachelor degree** : I had joined Faculty of Veterinary Medicine, Alexandria University, Egypt in September, 2001 and graduated from it in June, 2006; from which I've obtained my B.V.Sc degree (Bachelor of Veterinary Medical Sciences) with a final grade " very good with honour".
5. **Master degree**: I had joined Faculty of Veterinary Medicine, Alexandria University, Egypt in January, 2008 and graduated from it in November, 2010; from which I've obtained my M.V.Sc (Master degree in Animal Infectious Diseases).
6. **PhD degree** : I had joined the United Graduate School of Veterinary Sciences (UGSVS), Department of Applied Veterinary Sciences, Laboratory of Veterinary Microbiology and

Infectious diseases, Gifu University, Japan, in October, 2013 and graduated in March, 2018; from which I've obtained my doctoral degree.

✧ Employment history

1. Teaching assistant of animal internal medicine, Faculty of Vet. Med., Alexandria. Uni., Egypt, from April, 2007 to September, 2007.
2. Teaching assistant of animal internal medicine, Faculty of Vet. Med., Alex. Uni., Damanhour branch, Egypt, from October, 2007 to November, 2010.
3. Assistant lecturer of animal infectious diseases, Faculty of Vet. Med., Damanhour Uni., Egypt, from December, 2010 till April 2018.
4. Lecturer of animal infectious diseases, Faculty of Vet. Med., Damanhour Uni., Egypt, from May, 2018 till 26-December-2023.
5. Associate Professor of Infectious Diseases and Epidemics, Faculty of Vet. Med., Damanhour Uni., Egypt, from 27, December, 2023 till now.
6. Head of Infectious Diseases and Epidemics Department, Faculty of Veterinary Medicine, Damanhour University, Egypt, from 8, July, 2023 till now.

✧ Community service

Participation in the veterinary campaigns for animal health, organized by Faculty of Vet. Med., Alexandria Uni., and Damanhour Uni., in Al-Behera and North Sinai provinces, Egypt.

✧ Training Courses and Workshops in Egypt

1. **"Research methodology "**, Alexandria University, 2007.
2. **"Credit hours system"**, Alexandria University, 2007.
3. **"Preparation of leaders program"**, institute of leaders preparation, Helwan, 2009.
4. **"Time and meetings management"**, Alexandria University, 2009.
5. **"Code of ethics in scientific research"**, Alexandria University, 2010.
6. **"International publishing of scientific papers"**, Alexandria University, 2010.
7. **"Organization of conferences",** Alexandria University, 2010.
8. **"Competitive research projects"**, Alexandria University, 2010.

9. **"Statistical data analysis and statistical package "SPSS""**, Alexandria University, 2010.
10. **"Advanced techniques in laboratory diagnosis of infectious diseases",** Laboratory of Molecular Epidemiology, Cairo University, January, (8 ~11), 2012.
11. **"Climate changes: An introduction workshop",** Alexandria Research Center for Adaptation, on February, 16, 2012.
12. **"Ethical regulations for scientific researches and its applications in social development",** Faculty of Sciences, Tanta University, April, 11, 2012.
13. **"Real time PCR",** Faculty of Veterinary Medicine, Kafr El-Shiekh University, November, (20 ~22), 2012.
14. **"Effective presentation skills"**, Damanhour University, 2018.
15. **"Managing research teams"**, Damanhour University, 2018.
16. **"Communication skills"**, Damanhour University, 2018.
17. **"References management systems"**, Alexandria University, 2018.
18. **"Quality standards in teaching"**, Alexandria University, 2018.
19. **"Research ethics and plagiarism "**, Alexandria University, 2018.
20. **"Design and production of electronic courses "**, Mansoura University, online 2022.
21. **"Electronic exams"**, Alexandria University, online, 6-7 Feb. 2023.
22. **"International publication of scientific paper"**, Alexandria University, online, 8-9 Feb. 2023.
23. **"Financial and legal aspects of the University"**, Alexandria University, online, 13-14 Feb. 2023.
24. "**Project Management Professional**" (PMP) course (18, 25, Feb. & 4, 11, 18, 25 March, 2023).
25. **"Executing funded research projects and management of research team"**, Alexandria University, 28-29 April. 2023.
26. **"Quality measures in teaching process"**, Alexandria University, 21-22, August. 2023.
27. **"Preparation of digital content"**, Alexandria University, 11-12, September. 2023.

28. "**CFX Opus96 Real-Time PCR Detection System and CFX Maestro (*Bio-Rad Laboratories Inc.*)** held at Middle East for Vaccines Company (MEVAC)-Sharqia province, Egypt, on 28 Aug. & 20 Sept. 2023 by AGITECH, the authorized distributer.

29. "**V3 Western Blot including Minin-PROTEAN Tetra Vertical Electrophoresis System, Trans-Blot Turbo Transfer Syatem, ChemiDoc™ Touch Imaging System and Image Lab Software (*Bio-Rad Laboratories Inc.*)** held at Middle East for Vaccines Company (MEVAC)-Sharqia province, Egypt, province- on 1st and 3rd October. 2023 by AGITECH, the authorized distributer.

30. "**Biosafety, Biosecurity and Managing BSL-3 Laboratories**". By Animal Health Research Institute (AHRI), Egypt, held at Middle East for Vaccines Company (MEVAC)-Sharqia province- from 12th to16th November and from 17th to 20th December 2023.

31. "**International Network on Veterinary Education for Sustainable Antimicrobial Use and Tackling Antimicrobial Residence''** Cairo University, 8-19 September 2024.

✧ Training Courses and workshops in Japan

1. **“Training research on domestic animal infectious diseases caused by prions, viruses and bacteria”,** National Institute of Animal Health (NIAH), Tsukuba, November (19 ~ 21), 2014.

2. **“Detection of coronavirus infection using VSV-pseudotype”,** National Institute of Infectious Diseases (NIID), Toyama, December (2~ 5), 2014.

3. **“Research integrity education”,** online course by CITI Japan e-learning program. Passed on October, 27, 2015.

4. **“Quality control and the practical use of the experimental animal”,** Central Institute of Experimental Animals (CIEA), Kawasaki city, February (16~ 18), 2016.

5. **“Real-time quantitative PCR”,** Life Science Research Center, Division of Genomics Research, Gifu University, November (15~ 16), 2016.

6. **“Food risk analysis”,** National Institute of Health Sciences (NIHS), Kawasaki city, December (11~ 13), 2017.

7. **“Infectious disease summer science camp”,** Center for Animal Disease Control (CADIC), University of Miyazaki, Miyazaki city, August (28~ 30), 2019.

✧ Training Courses by international organizations

1. **"Introduction to One Health"** online course by FAO Virtual Learning Center for the Near East and North Africa, (19 August ~ 21 September), 2024.
2. **"Sheep and Goat Pox Preparedness"** online course by FAO Virtual Learning Centers (VLCs) (8 October ~ 11 November), 2024.

✧ Scientific Production

Thesis examined

- Thesis for master degree, 2010 **"Clinical and laboratory studies on ruminal acidosis in small ruminants"**, Alexandria university, Egypt.
- Thesis for doctoral degree, 2018 **"Molecular Biological Studies on the Roles of UL11 Protein in the Equine Herpesvirus 1 Neurovirulent Strain Ab4p Replication"**, Gifu University, Japan.

Papers

1. Ismail M., Mahmoud A. A., Nasr M. Y., **Badr Y. A.** (2010). **Clinical and laboratory studies on experimentally induced acute ruminal lactic acidosis in male goats.** *Alexandria Journal of Veterinary Science.*31 (1):53-62.
2. **Badr Y.,** Okada A., Abo-Sakaya R., Beshir E., Ohya K., Fukushi H. (2018). **Equine herpesvirus type 1 ORF51 encoding UL11 as an essential gene for replication in cultured cells.** *Archives of Virology* 163 (3): 599-607.
3. Okada A., Suganuma S., **Badr Y.,** Omatsu T., Mizutani T., Ohya K., Fukushi H. (2018). **Decreased expression of the immediate early protein, ICP4, by deletion of the tegument protein VP22 of equine herpesvirus type 1.** The *Journal of Veterinary Medical Science.* 80 (2): 311−315.
4. Nayel M., Zaghawa A., Abualkhier M., Elsify A., Salama A., Kamr A., Mousa W., Hashad M., **Badr Y.**, Altaib H., (2019). **Genetic and Molecular Typing of Canine Parvovirus Strains Circulating in Symptomatic Dogs in Egypt.** *Journal of Current Veterinary Research.* 1(1): 75-85.
5. Abas O.M., Anwar Sh., **Badr Y.,** Abd-Ellatieff H., Saleh A.G., Nayel M., Abd-el Rahman A.,

Fukushi H., Yanai T. (2019). **Comparative Neuropathogenesis of Equine Herpesvirus 9 and its Mutant Clone (SP21) Intranasally Inoculated in a Hamster Model.** *Journal of Comparative Pathol*ogy. 170: 91-100.

6. Altaib H, Ozaki Y, Kozakai T, **Badr Y**, Nomura I, Suzuki T. (2019). **A New *Escherichia coli* Entry Vector Series (pIIS18) for Seamless Gene Cloning Using Type IIS Restriction Enzymes.** *Microbiology Resource Announcements*. 8 (41).

7. Rashwan Y. S., Alkhalefa N. F., Nayel M. A., Bazid A. I., **Badr Y.**, Kasem S. G., El Balal S., Wasfy M., El- Sayed M. (2019). **Molecular detection and phylogenetic analysis of equine herpesviruses associated with respiratory manifestation in Egyptian horses.** *Bioscience Research*. 16(S1-2):71-84.

8. Nayel M., Zaghawa A., Zayed A., Elsify A., Salama A., Kamr A., Mousa W., Dawood A., **Badr Y.,** Altaib H., Hildreth III B.E. (2020). **Phylogenetic analysis and immunohematological response associated with two commercially available vaccines against canine distemper and canine parvovirus.** *Veterinary Medicine and Public Health Journal*. 1 (1): 5-14.

9. Kawasaki H., Murakami .T, **Badr Y.**, Kamiya S., Shimizu K., Okada A., Inoshima Y. (2020). ***In vitro* and *ex vivo* expression of serum amyloid A3 in mouse lung epithelia.** *Experimental Lung Research*. 46 (9): 352-361.

10. Shimizu K., **Badr Y.,** Okada A., Inoshima Y. (2020). **Bovine papular stomatitis virus (BPSV) and pseudocowpox virus (PCPV) coinfection in dairy calves in Japan**. *Archives of Virology*. 165:2659–2664.

11. Rahman M. M., **Badr Y.**, Kamatari Y. O., Kitamura Y., Shimizu K., Okada A., Inoshima Y. (2020). **Data on proteomic analysis of milk extracellular vesicles from bovine leukemia virus-infected cattle**. *Data in Brief*. 33:106510.

12. Rahman M. M., Takashima S., Kamatari Y. O., **Badr Y.**, Kitamura Y., Shimizu K., Okada A., Inoshima Y. (2021). **Proteomic profiling of milk small extracellular vesicles from bovine leukemia virus-infected cattle.** *Scientific Reports***.** 11:2951.

13. Altaib H., Nakamura K, Abe M., **Badr Y.**, Yanase E., Nomura I, Suzuki T. (2021). **Differences in the concentration of the fecal neurotransmitters, GABA and glutamate, are associated with microbial composition among healthy human subjects**. *Microorganisms*. 9(2): 378.

14. Altaib H., **Badr Y.**, Suzuki T. (2021). **Bifidobacteria and Psychobiotic Therapy: Current Evidence and Future Prospects**. *Reviews in Agricultural Science*. 9:74-91.

15. Rahman M. M., Takashima S., **Badr Y.**, Shimizu K., Okada A., Inoshima Y. (2021). **Putative internal control genes in bovine milk small extracellular vesicles suitable for normalization in quantitative real time-polymerase chain reaction**. *Membranes*. 11(12): 933.

16. Altaib H., Kozakai T., **Badr Y**., Nakao H., El-Nouby M. A. M., Yanase E., Nomura I., Suzuki T. (2022). **Cell factory for γ-aminobutyric acid (GABA) production using *Bifidobacterium adolescentis***. *Microbial Cell Factories*. 21: 33.

17. **Badr Y.**, Rahman M. M., Ohno Y., Ishijima K., Maeda K., Kohyama K., Kamatari Y. O., Shimizu K., Okada A., Inoshima Y. (2022). **A new enzyme-linked immunosorbent assay for serological diagnosis of seal parapoxvirus infection in marine mammals**. *Journal of Veterinary Research*. 66.

18. Fukushi N., Badr Y., Fukushi H. (2022). **The N-terminal glycine of EHV-1 UL11 is essential for the localization of UL11 and EHV-1 replication in cultured cells**. *The Journal of General Virology*. 104 (1). doi: 10.1099/jgv.0.001798

19. **Badr Y.** (CA), Noreldin A. E., Elewa Y. H. A., Ahmed M. S., Inoshima Y., Baker N., Aamer W.N., Abas O. M., Nayel M., Rahman Md. M., Elgendy E. M., Saleh A. G El-neweshy M. S. (2022). **Cellular infiltration, cytokines and histopathology of skin lesions associated with different clinical forms and stages of naturally occurring lumpy skin disease in cattle**. *Comparative immunology, Microbiology, and Infectious Diseases***.** 101894: 90–91.

20. Md. Jannat Hossain, M. Sohidullah, Muhammad Ashiqul Alam, Md. Shahin Al Mamun, **Yassien Badr**, Hend Altaib, and Md. Matiur Rahman (2022**). Molecular Detection of Methicillin Resistant Staphylococcus aureus (MRSA) in Poultry in Bangladesh: Having Public Health Significance**. *European Journal of Veterinary Medicine*, 2(6): 17-21.

21. Abdel-Hamid Bazid, Momtaz Wasfy, Mohamed Fawzy, Mohamed A. Nayel, Mohamed Abdelmegeid, Randa Y. Thabet, Hui Sian Yong, Magdy M. El-Sayed and Asmaa Magouz , and **Yassien Badr (CA)** (2023). **Emergency vaccination of cattle against lumpy skin disease: Evaluation of safety, potency, and efficacy of MEVAC® LSD vaccine containing Neethling strain.** *Veterinary Research Communications***.** 47:767–777. https://doi.org/10.1007/s11259-022-10037-2.

22. Abdel-Hamid Bazid, Haitham M. Amer, Mohamed Nayel, Mohamed Attia, Nada Maklad, Momtaz Wasfy, Mohamed Abdelmegeid, Magdy M. El-Sayed, Asmaa Magouz, **Yassien Badr** (CA)

(2023). **Assessment of the Potency and Effectiveness of a Heptavalent Oil-adjuvanted (ISA 206) Foot-and-Mouth Disease Vaccine in Egypt**. *Archives of Virology*, 168:62.

23. Asmaa G. Saleh, **Yassien Badr**, Osama M. Abas, Waleed Nabih Aamer, Yasuo Inoshima, Md. Matiur Rahman, Hamada Ahmed Mokhlis, Ibrahim A. Abdullaziz (2023). **Clinical, hematological, and biochemical changes associated with early and late infection of lumpy skin disease in cattle in Egypt.** *Alexandria Journal of Veterinary sciences***,** 76(1): 133-143.

24. Samy Metwally, Nabil Bkear, Marwa Samir, Rania Hamada, Besheer Elshafey, Gaber Batiha, Taghreed N. Almanaa, Kamel Sobhy, and **Yassien Badr** (CA) (2023). **The First Serological Detection and Risk Factors Analysis of Akabane Virus in Egyptian Cattle**. *Animals,* 13(11): 1849. https://doi.org/10.3390/ani13111849.

25. Samy Metwally, Ibrahim Abu-Hassan, Nabil Bkear, Rania Hamada, Besheer Elshafey, Bassant Fakhry, **Yassien Badr (CA)** (2023). **Seroprevalence and Risk Factors Assessment of Bovine Leukemia Virus in Cattle in Beheira, Egypt**. *Journal of Advanced Veterinary Research*, 13(5): 837-842.

26. Metwally S, Bkear N, **Badr Y**, Elshafey B, Alhag SK, Al-Shuraym LA, Batiha G, Fakhry B, Hamada R. (2023). **A Newly Emerging Serotype A Strain in Foot-and-Mouth Disease Virus with Higher Severity and Mortality in Buffalo than in Cattle Calves in North Egypt**. *Veterinary Sciences*, 10(8):488. https://doi.org/10.3390/vetsci10080488.

27. Samy Metwally, Nabil Bkear, **Yassien Badr**, Mina. A. Saad, Besheer El-shafey, Wael M. Goda, Rania Hamada. (2023). **Molecular Prevalence and Risk Factors Analysis of Asymptomatic Infection with Anaplasma marginale and Theileria annulata in Egyptian Cattle**. *Damanhour Journal of Veterinary Sciences*, 10 (2), 1-8.

28. Toka El-Badawy, Nabil Bkear, **Yassien Badr**, Ehab El-Sayed Mohamed, Mohamed Hassan Khodier. (2023). **Investigation of the effect of mutual vaccination with Pest Des Petits Ruminants (PPR) and polyvalent Foot and Mouth Disease vaccines on the immune response of sheep**. *Open Veterinary Journal*, 13 (12): 1669–1682.

29. El-Ansary RE, Kasem S, El-Tabakh MAM, **Badr Y**, Abdel-Moneim AS. (2023). **Isolation, molecular characterization, and genetic diversity of recently isolated foot-and-mouth disease virus serotype A in Egypt**. *PLOS ONE*, 18(12): e0295319. https://doi.org/10.1371/journal.pone.0295319.

30. Mahmoud M. Eltholth, Ekram W. Abd El-Wahab, Nour H. Abdel-Hamid, Salem M A, Mohamed El-Diasty, Mohammed Eldehiey, **Yassien Badr**, Yumna Aladdin Elsobky, Essam Kamel, Mai R.

Zaffan and Yamen M. Hegazy. (2024). **Prevalence of Brucellosis in Ruminants and the Risk of Human Exposure in Rural Delta of Egypt.** *Egyptian. Journal of Veterinary Sciences*, 55(5): 1257-1269.

31. **Yassien Badr**, Abdelazim Elsayed Elhelaly, Fuminori Hyodo, Koki Ichihashi, Hiroyuki Tomita, Yoshifumi Noda, Hiroki Kato & Masayuki Matsuo. (2024). **In vivo redox imaging of plasma-induced skin-inflammation in mice**. *npj Imaging*, 2 (25): https://doi.org/10.1038/s44303-024-00029-z.
32. Emad Al-Ebshahy, Ramy E. El-Ansary, Jie Zhang, **Yassien Badr**, Alaa Rady, Saeed El-Ashram, Yabin Ma, Ming Yuan, Emad Elgendy. (2024). **Sequence and phylogenetic analysis of FMD virus isolated from two outbreaks in Egypt**. *Infection, Genetics and Evolution*. https://doi.org/10.1016/j.meegid.2024.105651.

✧ International Conferences

1. **Badr Y**., Ohya K., Fukushi H. *"***Characterization of UL11 protein of equine herpesvirus 1 Ab4p strain***"* (PI-15). The 4th Sapporo Summer Seminar for One health (SaSSOH), Hokkaido University, Sapporo city, Japan. September 20-21, 2016.
2. **Badr Y**., Fukushi H., Ohya K. *"***UL11 is essential for equine herpesvirus 1 replication in cell culture***"* (P4-2). 6th European Congress of Virology (ECV), at the Congress Center Hamburg (CCH), Hamburg, Germany. October 19-22, 2016.
3. **Badr Y**., Fukushi H., Ohya K. *"***Cellular localization of UL11 protein in equine herpesvirus 1 infected cells***"* (P6-4). 6th European Congress of Virology (ECV), at the Congress Center Hamburg (CCH), Hamburg, Germany. October 19-22, 2016.
4. Altaib H., **Badr Y.**, Morioka T., Abe M., Nomura I., Suzuki T. "**GABA production from *Bifidobacterium* is species and strain specific***"* (P11). Sakura-Bio Meeting, The Society for Biotechnology, Japan, Nagoya University, Nagoya city, Japan. March 30-31, 2019.
5. Altaib H., **Badr Y.**, Nomura I., Suzuki T. "**Development of a multi-gene expression system in *Bifidobacterium***" (PA-3). The 23rd Annual Meeting of Intestinal Microbiology, Tower Hall Funabori, Tokyo, Japan. June 18-19, 2019.
6. Altaib H., **Badr Y.**, Morioka T., Abe M., Nomura I., Suzuki T. "**GABA production from different human isolates of *Bifidobacterium***". (19-S-03). The 2019 Annual Meeting of the Japan Society for Lactic Acid Bacteria. Juroku Plaza, Giushi, Japan. July 12-13, 2019.
7. Fukushi N., **Badr Y.**, Kenji Oya, Fukushi H. "**Role of Acylation in Intracellular Localization of**

Horse Herpesvirus Type 1 ULI1" "161st Annual Meeting of the Japanese Society of Veterinary Medicine" DVO-59 (September 2019, Ibaraki). (In Japanese).

8. Fukushi N., **Badr Y.**, Nakagawa K., Fukushi H. "**Evaluation of the ability to prevent lethal encephalitis of proliferative herpesvirus type 1**" "162nd Annual Meeting of the Japanese Society of Veterinary Medicine" DVO-9 (September 2019, Ibaraki) (In Japanese).
9. Fukushi N., **Badr Y.**, and Fukushi H. **Role of equine herpesvirus typel UL11 acylation in the intracellular localization**. The 7th Sapporo Summer Symposium for One Health (SaSSOH). I2-3 （2019.9.Sapporo、Japan）.
10. Fukushi N., **Badr Y.**, Nakagawa K., Fukushi H. **Prevention of fatal encephalitis in mice by immunizing with replication-defective equine herpesvirus type 1**. [P-DN-07]. The 67th Annual Meeting of the Japanese Society for Virology. Tower Hall Funabori, Tokyo, Japan. October 29-31, 2019. (In Japanese).
11. Rahman M. M., Takashima S., Kamatari Y. O., **Badr Y.**, Shimizu K., Okada A., Inoshima Y. **Proteomic analysis of milk extracellular vesicles obtained from bovine leukemia virus-infected cows**. I2-10. The 8th Sapporo Summer Symposium for One health (SaSSOH), Hokkaido University, Sapporo city, Japan. September 16-17, 2020 (organized online via Webex).
12. **Badr Y**, El-Neweshy M. S., Elewa Y. H. A., Noreldin A. E., Aamer W., Inoshima Y. **Histopathological Changes and Cellular Response in Skin Lesions Associated with Naturally Occurring Lumpy Skin Disease**. I2-4. The 8th Sapporo Summer Symposium for One health (SaSSOH), Hokkaido University, Sapporo city, Japan. September 16-17, 2020 (organized online via Webex).
13. **Badr Y.**, Rahman M. M., Shimizu K., Okada A., Inoshima Y. **Establishment of an ELISA assay for serological diagnosis of seal parapoxvirus infection in pinnipeds**. [FO-15]. The 163rd meeting of the Japanese Society of Veterinary Science. Yamaguchi University, Yamaguchi, Japan. September 14-30, 2020 (organized online).
14. Rahman M. M., Takashima S., Kamatari Y. O., **Badr Y.**, Shimizu K., Okada A., Inoshima Y. **Proteome analysis of milk extracellular vesicles from bovine leukemia virus-infected cows**. [FO-14]. The 163rd meeting of the Japanese Society of Veterinary Science. Yamaguchi University, Yamaguchi, Japan. September 14-30, 2020 (organized online).
15. Shimizu K., **Badr Y.**, Okada A., Inoshima Y. **Coinfection of Bovine papular stomatitis virus and pseudoowpox virus in Holstein calves**. [FO-8]. The 163rd meeting of the Japanese Society of

Veterinary Science. Yamaguchi University, Yamaguchi, Japan. September 14-30, 2020 (organized online) (In Japanese).

16. Rahman M. M., Takashima S., Kamatari Y. O., **Badr Y.**, Shimizu K., Okada A., Inoshima Y. **Proteome analysis of milk extracellular vesicles from bovine leukemia virus-infected cows**. [P-6]. The 7th Annual Meeting of the Japanese Society for Extracellular Vesicles, Japan. October 26-27, 2020 (organized online).

17. Altaib H., Nakamura K, Abe M., **Badr Y.**, Yanase E., Nomura I, Suzuki T. **The role of the microbiota member *Bifidobacterium* in modulating fecal gamma-aminobutyric acid (GABA) concentration in healthy human subjects: Observational analysis and *in vitro* study**. [oral presentation]. Sakura-Bio Meeting, The Society for Biotechnology, Japan, Nagoya University. Nagoya city, Japan. Organized online (zoom). May 29, 2021.

18. Rahman M. M., Takashima S., Kamatari Y. O., **Badr Y.**, Kitamura Y., Shimizu K., Okada A., Inoshima Y. **mRNA biomarkers in milk extracellular vesicles**. [FO-12] The 164th meeting of the Japanese Society of Veterinary Science. Rakuno Gakuen University, Japan. September 7-13, 2021 (organized online)

19. Altaib H., Kozakai T., **Badr Y.**, Nakao H., El-Nouby M. A. M., Yanase E., Nomura I., Suzuki T. **Cell factory for Gamma -Aminobutyric acid biosynthesis using *Bifidobacterium adolescentis***. (Accepted Abstract). Oral presentation at the 73rd annual meeting of The Japanese Society of Biotechnology (27-29 October 2021, Zoom Venue).

20. Ibrahim Abo-Hassan, Samy Metwally, **Yassien Badr**, Rania Hamada, Nabil Baker. **Seroprevalence and Risk Factors Assessment of Bovine Leukemia Virus in cattle in Behaira Province.** First symposium of post-graduate students. Faculty of Veterinary Medicine, Damanhour University, El-Beheira, Egypt (28-September 2022).

✧ Thesis under my supervision

- **Master Thesis that have been completed under my supervision in the Faculty of Veterinary Medicine, Damanhour University, Egypt.**

	Thesis title	Date degree awarded	Student name
1	Seroprevalence and Risk Factors Assessment of Bovine Leukemia Virus in Cattle in El-Beheira Governorate	2023-11-29	Ibraheem H. Abo-Hasssan
2	Clinical, Epidemiological and Immunological Studies on Foot and Mouth Disease in a Cattle Farm in El-Beheira Province	2024-1-31	Basant F. Al-Sodany
3	Molecular Diagnosis and Epidemiological Studies on Subclinical Infection with *Anaplasma marginale* and *Theileria annulata* among Cattle in Egypt	2024-5-29	Mina S. Luka
4	Effect of Simultaneous and Successive Vaccination With Pest des Petits Ruminants (PPR) and Polyvalent Foot and Mouth Disease Vaccines on The Immune Response of Sheep	2024-5-29	Toka Y. Al-Badawy

✧ Thesis judged by me:

1. **Heptavalent Vaccines Matching Assessment of Different Genetic Variants of FMDV Isolated in Egypt**. A master thesis in Veterinary Medical Sciences, by Ahmed Fathey Badr, Faculty of Veterinary Medicine, University of Sadat City, September, 2024.

✧ Prizes and Awards

1- Award from the United Graduate School of Veterinary Sciences (UGSVS), Gifu University, Japan to attend the 6th European Congress of Virology, Hamburg, Germany. Awarded in June, 2016.

2- Prize of "SaSSOH best active discussion session team" during the 4th Sapporo Summer Seminar for One health (SaSSOH), Hokkaido University, Japan. September 20-21, 2016.

3- Prize of SaSSOHstudent session "Glocal Crisis Communication in the Real World" during the 4th Sapporo Summer Seminar for One health (SaSSOH), Hokkaido University, Japan. September 20-21, 2016.

✧ Grants

Principal investigator of the project titled **"Epidemiological study on marine mammals' parapoxvirus infection using new diagnostic technique".**

Funding agency: The Japan Science Society (JSS), The Sasakawa Scientific Research Grant. Study number 2020-4076.

Grant period: April, 1st, 2020 to February, 10th, 2021.

✧ Scientific visits

Centre for Structural Systems Biology (CSSB), and **The Bernhard Nocht Institute for Tropical Medicine**, in Hamburg city, Germany, October 19-22, 2016.

✧ Reviewer activity:

1. "**Protective efficiency of parsley against oxidative stress, DNA damage and nephrotoxicity induced with antituberculosis drug**" for "*International Journal of Cancer and Biomedical Research*" journal.
2. "**Caspase-3 activities and androgen receptor expression in rats' testis during the early biochemical and histopathological changes induced by a carcinogen, Diethylnitrosamine: role of probiotics and pyridazine derivatives**" for "*International Journal of Cancer and Biomedical Research*" journal.
3. "**Molecular identification and risk factor analyses of the first Lumpy skin disease outbreak in cattle in Mongolia**" for "*Journal of Veterinary Medical Science*", in June 2022.
4. "**Validation of lyophilized attenuated single and combined canine hepatitis; canine distemper and canine parvo vaccines**" for "*Damanhour Journal of Veterinary Science*", in June 2022. Manuscript ID "DJVS-2106-1039".
5. "**The First Molecular Survey on Bovine Immunodeficiency Virus in Egyptian Cattle**". for "*Damanhour Journal of Veterinary Science*", in March 2023. Manuscript ID "DJVS-2301-1109".
6. "**Assessing the effectiveness of foot-and-mouth disease vaccine by T-cell responses in Chinese Holstein cows**". For "*Microbiology Spectrum*", in June 2023. Manuscript ID (control no. Spectrum01029-23).

7. **"Lumpy Skin Disease in Bangladesh: Sero-prevalence and risk factors of LSD in Cattle"** For *Veterinary Medicine and Science*. Manuscript ID VMS3-2023-Nov-0752. Revision in December 2023.
8. **" GIS and spatial distribution of bovine brucellosis in Egypt: A road Application Model "** For *Journal of Current Veterinary Research (JCVR).* Revision in November 2024.
9. **“Mycobacterium Bovis in Sohag: P22 ELISA Serodiagnosis, Geographical Distribution, Genetic Diversities and Drug Resistance”.** *International Journal of Comprehensive Veterinary Research* Manuscript ID IJCVR-2412-1011. Revision in January 2025.

Membership

- Member of the Egyptian Veterinary Syndicate.
- Member of the Wold Society for Virology (WSV)
- Member of the Japanese Society of Veterinary Science, from 1, Aug., 2020, till 31, July, 2021

✧ Languages

- Arabic: mother language
- English: very good
- Japanese: daily conversation