



C. V.

Personal information

- 1. Name: Mahmoud Rezk Ali AbouLaila
- **2. Date of birth:** 20/4/1975
- 3. Nationality: Egyptian
- 4. **Home address**: 46th Saidi Gaber Street, Cleopatra, Alexandria, Egypt

4. Current appointment: Professor of Parasitology and Head of the

Department of Parasitology, Faculty of Veterinary Medicine, Damanhour University, Damanhour 22511, Behera, Egypt

5. Academic degree:

Type: Ph.D. **Field:** Veterinary Parasitology (Zoonotic Protozoa)

Date obtained: 19/3/2010 Institute: Obihiro University of Agriculture and

Veterinary Medicine, Japan

6. Contact:

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Education

- Ph.D. in Parasitology, Obihiro University of Agriculture and Veterinary Medicine, Japan, March 2010
- 2. M.V. Sc. in Parasitology, Minoufiya University, Sadat City Branch, Egypt, June 2004
- 3. B.V. Sc. in Veterinary Medical Sciences, Alexandria University, Egypt, May 1997

Academic employment

- 1. Head of the Department of Parasitology, Damanhour University, Egypt, December 2023-Present
- 2. Head of the Department of Parasitology, Damanhour University, Egypt, March 2021–July 2021
- 3. Professor of Parasitology, Damanhour University, Egypt October 28, 2020
- 4. Head of the Department of Parasitology, Damanhour University, Egypt, 3 December 2019–28 February 2020
- Head of the Department of Pathology and Parasitology, Damanhour University, Egypt, 22 May– 27 November 2018
- Associate Professor of Parasitology, Damanhour University, Egypt, February 15, 2018–October 28, 2020
- Associate Professor of Parasitology, University of Sadat City, Egypt, September 30, 2015– February 14, 2018
- Egyptian Postdoctoral Fellow, Obihiro University of Agriculture and Veterinary Medicine, Japan, December 1, 2014–May 30, 2015







- 9. Lecturer of Parasitology, University of Sadat City, Egypt, July 2013-September 2015
- 10. JSPS Fellow, Obihiro University of Agriculture and Veterinary Medicine, Japan, October 1, 2010
 –September 30, 2012
- Lecturer of Parasitology, Minoufiya University, Sadat City Branch, Egypt, August 2010 to July 2013
- Assistant Lecturer of Parasitology, Minoufiya University, Sadat City Branch, Egypt, July 2004– August 2010
- Demonstrator of Parasitology, Minoufiya University, Sadat City Branch, Egypt, April 1999–June 2004

Scholarships, honors, and awards

- 1. Award for international publication from Damanhour University in 2021 and 2022
- 2. Postdoctoral Fellowship from the Ministry of Higher Education, Egypt, Tokyo, Japan, 2020 (not conducted due to COVID-19 closure)
- 3. Bridge Fellowship from the Japan Society for the Promotion of Science (JSPS), Tokyo, Japan 2020 (not conducted due to COVID-19 closure)
- 4. State Encouragement Award from the Egyptian Academy of Science and Technology, May 28, 2017.
- 5. The First-Class Privilege Medal from Egyptian President Abdelfattah Al-Sisi, June 8, 2017
- 6. Award for international publication from the University of Sadat City in 2014, 2015, 2016, and 2017.
- 7. Egyptian Ministry of Higher Education Short Postdoctoral Fellowship, December 2014-May 2015, Obihiro University of Agriculture and Veterinary Medicine, Hokkaido, Japan
- Postdoctoral fellowship for young researchers from the Japan Society for the Promotion of Science (JSPS) at Obihiro University of Agriculture and Veterinary Medicine, Hokkaido, Japan, 2010-2012
- 9. Ph.D. scholarship from Egypt's Ministry of Higher Education to study in Japan, 2005

Patents

1. Ikuo Igarashi, Naoaki Yokoyama, Davaasuren Batdorj, <u>Mahmoud Aboulaila</u>, Satoshi Omura, Aki Ishiyama, Kazuhiko Otoguro, Masato Iwatsuki, and Hiromi Ikadai (2015). Therapeutic agent and prophylactic agent for babesiosis. No. WO2015001799 A1, Japan

Projects

I was a member of the "Education Development Project" at the University of Sadat City until February 14, 2018.





Duties

- 1. Teaching parasitology courses to undergraduate students in general veterinary medicine, pet medicine and surgery, and food hygiene programs
- 2. Teaching postgraduate students' diploma, master's, and doctorate courses
- 3. I supervised three Ph.D. and 10 master's students.
- 4. Training third-year students in the summer training program
- 5. An external examiner at various Faculties of Veterinary Medicine
- 6. Participation in the specification and development of parasitology courses for undergraduate and postgraduate students
- 7. Diagnostic service in the parasitology laboratory
- 8. Conducting parasitology research

Supervision of theses

1. <u>Supervision at the University of Sadat City:</u>

- 1. Ph.D. thesis of Vet. Selvia Mohammed Selem Mahmoud, titled "Method of diagnosis and control of enteric protozoa." The thesis was defended in April 2016.
- 2. Master thesis of Vet. Hager Abdelkader Mady, titled "Parasites of meat and meat products". The thesis was defended in June 2019.
- 3. Master thesis of Vet. Mona Eldebaghi Moustafa, titled "Enteric protozoa in small ruminants". The thesis was defended in February 2020.
- 4. Master thesis of Vet. Ehab Abdelaziz Aziz Elhefny, titled "Molecular characterization of mange in rabbits". The thesis was defended in January 2023.
- 5. Master thesis of Vet. Ahmed Gomaa Abouzaid, titled "Studies on parasites of pigeons". The thesis was defended in June 2023.
- Master thesis of Vet. Mohamed Afify Matter, titled "Evaluation of the inhibitory effects of some drugs on *Eimeria* parasites in broiler chickens". The thesis was defended in December 2023
- 7. Master thesis of Vet. Rania Abdelghani Abdelghafar, titled "Studies on *Eimeria* parasites in broiler chickens". The practical part of the thesis is ongoing.
- 8. Master thesis of Vet. Mona Fathi Elkalsh, titled "Studies on parasites of chickens". The practical part of the thesis is ongoing.
- 9. Master thesis of Vet. Rehab Elgohary, titled "Studies on enteric protozoa of young ruminants". The practical part of the thesis is ongoing.

2. <u>Supervision at Damanhour University:</u>

1. Ph.D. thesis of Vet. Heba Said Wheeb, titled "Studies on some parasites infecting quails in El-Behera governorate, Egypt". The thesis was defended on August 2, 2022.





- 2. Master thesis of Vet. Alaa Rasmy Fouad, titled "Evaluation of the effect of some nanoparticles combined with some plant extracts on *Eimeria* parasites in broiler chickens". The practical part of the thesis is ongoing.
- 3. Master thesis of Vet. Esraa Hamouda, titled "Prevalence of poultry parasites in Elbehera governorate". The practical part of the thesis is ongoing.
- 4. Master thesis of Vet. Zeinab Nasr Kleg, titled "Prevalence of parasites infecting some marine fish in Elbehera Governorate". The practical part of the thesis is ongoing.

3. <u>Supervision at Sohag University:</u>

1. Ph.D. thesis of Vet. Nagwa Gamaledin Fathi Abdalrahamn, titled "Tick-Borne Pathogens: Recent Identification and Control Strategies in Egypt". The practical part of the thesis is ongoing.

Examiner in the thesis evaluation committee

- 1. Master thesis of Vet. Nourhan Essa, titled "Zoonotic studies on toxoplasmosis in animals and women". Defended on June 15, 2016. The University of Sadat City.
- 2. Master thesis of Vet. Samer Waheed Elkhodari, titled "Studies on *Schistosoma* species in their intermediate and final hosts". Defense on October 7, 2017. The University of Sadat City.
- 3. Master thesis of Vet. Minat-Allah Abdelsalam, titled "The prevalence and associated infection risk factors of the blood protozoan parasites among small ruminants in the northern coast of Egypt". Defense on January 31, 2022. Matrouh University.
- 4. Ph.D. thesis of Vet. Omima Ramadan, titled "Preliminary and advanced studies on fascioliosis in ruminants". Defense on October 4, 2022. Beni-Suef University.
- 5. Master thesis of Vet. Mahmoud Ibrahim Metkal, titled "An overview of *Trypanosoma evansi* infection in different animals in Egypt". Defense on July 6, 2024. Alexandria University.
- 6. Master thesis of Vet. Sally Abdel-Rehem Mohamed Abdel-Whab, titled "Studies on metacestodes infecting ruminants in Menoufia governorate". Defense on October 21, 2024. The University of Sadat City.
- 7. Ph.D. thesis of Vet. Aya Adel Ahmed Mohamed, "Parasitic contamination of water supply in Assiut Governorate". Defense on November 25, 2024. Assiut University.

Examiner in the Ph.D. Qualification Exam committee

- 1. Vet. Soad Mohamed Menshawy, titled "Dynamic of *Boophilus* ticks and its role in the transmission of piroplasms of cattle at Elbehera Governorate". November 4, 2017. Damanhour University.
- 2. Vet. Safyea Hendy, titled "*In vitro* and *in vivo* studies on *Trypanosoma evansi* with reference to drug resistance" on May 26, 2024. Alexandria University.





Administrative roles

- 1. Head of the parasitology department
- 2. Member of the Faculty Council from 2016-Present
- 3. Member of the student affairs committee from 2018- Present
- 4. Head of the measurement and evaluation unit from 2018-2020
- 5. Member of the exam control committee and head of the second-year and third-year exam controls
- 6. Member of the scientific research ethics committee
- 7. Member of the Quality and Accreditation Unit and the Head of the Standard of Faculty Staff Members
- 8. Director of the Parasitology Diagnostic Laboratory

Training courses

- 1. Research ethics, 9–10/1/2019
- 2. Scénaristion d'un Cours en Ligne (Design of an Electronic Course), 3-7/3/2019
- 3. Adopting an academic program, 24–25/10/2018
- 4. Blended electronic learning skills, 28–29/7/2018.
- 5. Statistical analysis using the SPSS program 21–22/8/2017.
- Self-assessment accreditation standards for faculties and institutions in higher education, Third Edition, 12–13/8/2017
- 7. Course design, 22–24/7/2017
- 8. Electronic learning, 11–12/7/2017
- 9. Managing people in educational institutions, 9–10/7/2017
- 10. Research reference management systems, 4-5/7/2017
- 11. International publication of scientific research, 20-21/6/2017
- 12. Self-assessment of quality standards and accreditation, 17/10/2015
- 13. The Role of the Faculty Member in Quality Systems and Continuous Improvement, 8/8/2015
- 14. Managing the research team, 17-18/3/2014
- 15. Strategic planning, 3-4/3/2014
- 16. University administration, 24-25/2/2014
- 17. Scientific publication, 17-18/2/2014
- 18. Competitive research projects, 10-11/2/2014
- 19. Managing time and meetings, 4-5/2/2014
- 20. Effective Education, 2005
- 21. Effective presentation skills in 2005
- 22. Carrier ethics and morals in 2005
- 23. The financial and justice sides of university management in 2005
- 24. Academic standards in education in 2005





25. Communication skills in different education types in 2005

Membership in scientific societies

- 1. Japanese Society of Parasitology
- 2. Japanese Society of Veterinary Science
- 3. Japanese Society of Tropical Medicine
- 4. JSPS Alumni Association in Egypt (JSPSAAE)
- 5. Egyptian Society of Veterinary Parasitology

Membership in the editorial board of scientific journals

- 1. Damanhour Journal of Veterinary Sciences
- 2. Advanced Techniques in Clinical Microbiology
- 3. Journal of Clinical Medicine and Therapeutics
- 4. Veterinary Medicine and Allied Science
- 5. International Journal of Equine Science
- 6. Journal of Pathology and Disease Biology
- 7. International Journal of Clinical Microbiology and Biochemical Technology
- 8. Jenpub Open Access Ebook of Public Health and Epidemiology
- 9. Insights in Biology and Medicine
- 10. Journal of Clinical and Medical Reports
- 11. Sindh Journal of Animal Research
- 12. Journal of Veterinary Science and Research
- 13. Annals of Integrative Molecular Medicine
- 14. Biomedical Research and Reviews
- 15. International Journal of Veterinary Science & Technology
- 16. Current Updates in Clinical Pathology
- 17. Asia-Pacific One Health Journal
- 18. GSL Journal of Vaccines and Vaccinations
- 19. SM Lung Cancer: Research and Therapy
- 20. GSL Journal of Public Health and Epidemiology
- 21. Animal Husbandry, Dairying, and Fisheries—JMD Publisher (Editor-in-Chief) (until 2018)
- 22. Sadat Veterinary Medical Journal (until 2018)
- 23. Lungs and Breathing Journal (until 2019)

Reviewer for scientific journals

- 1. Journal of Infection and Public Health
- 2. Scientific Reports
- 3. Journal of Tropical Medicine





- 4. Pathogens
- 5. PLOS ONE
- 6. Parasitology International
- 7. Parasitology Research
- 8. Beni-Suef University Journal of Basic and Applied Sciences
- 9. Brazilian Journal of Veterinary Parasitology
- 10. Frontiers in Veterinary Science
- 11. Frontiers in Cell and Developmental Biology
- 12. Frontiers in Cellular and Infection Microbiology
- 13. Annals of Parasitology
- 14. The Journal of Advances in Parasitology
- 15. Frontiers in Cardiovascular Medicine
- 16. Parasites and Vectors
- 17. Microbial Pathogenesis
- 18. Aquaculture International
- 19. Veterinary Parasitology: Regional Studies and Reports
- 20. Microbiology Research
- 21. Veterinaria (Saraivo)
- 22. Damanhour Journal of Veterinary Sciences
- 23. SVU-International Journal of Veterinary Sciences
- 24. Alexandria Journal of Veterinary Sciences
- 25. New Valley Veterinary Journal
- 26. Egyptian Journal of Animal Production
- 27. Journal of Current Veterinary Research

Workshops and seminars attended

- 1. Online course "How to master design using artificial intelligence (AI) without using complex programs or previous experience". ALAMOUDY Limited United Company, March 20, 2024.
- 2. Professionalism and statistical excellence series using SPSS+Eveiws+Excel+Statistix+Graphpad Prism program. Future Scientists Platform, March 14, 2024.
- 3. Skills in using artificial intelligence applications in academic writing and paraphrasing. Future Scientists Platform, December 24, 2023.
- 4. Artificial intelligence applications in designing presentations. Invest Your Time Platform. December 23, 2023.
- 5. The optimal utilization of artificial intelligence applications in scientific research. Future Scientists Platform, December 18, 2023.





- 6. Professional peer-review. CABI held the webinar at the National Research Centre. February 4, 2021, in collaboration with the Egyptian Knowledge Bank (EKB).
- 7. Quality in research: Publication strategies and approaches. Clarivate held the webinar at the National Research Centre. On February 3, 2021, in collaboration with the Egyptian Knowledge Bank (EKB).
- 8. Professional Scientific Experiments, Session 3: Smart data analysis and visualization. The webinar was held by CABI on January 18, 2021, in collaboration with the Egyptian Knowledge Bank (EKB).
- 9. Professional Scientific Experiments, Session 2: Smart experimental designs. The webinar was held by CABI on January 11, 2021, in collaboration with the Egyptian Knowledge Bank (EKB).
- 10. Professional Writing of Grant Proposals session hosted by the TICO office at Matrouh University. The webinar was held by CABI on January 7, 2021, in collaboration with the Egyptian Knowledge Bank (EKB).
- 11. Discussion of some environmental issues related to COVID-19 transmission. The webinar was held by the National Research Centre, Cairo, Egypt, on 6 January 2021.
- 12. Role of Platyhelminth glycans in parasitological diagnosis and immune response in some zoonotic parasitic diseases. The webinar was held by the National Research Centre, Cairo, Egypt. December 9, 2020.
- 13. Food Safety Management in Egypt "Current Status and Future Perspectives". E-JUST, Alexandria, Egypt, November 16, 2019.
- 14. Erasmus+ Project Café at the Hilton Hotel, Alexandria, on October 10, 2019. (Attendance)
- Scival: A tool for evidence-based research planning, Elsevier at Damanhour University, January 30, 2019.
- Egypt Knowledge Bank workshop resources and Elsevier "Workshops on how to use Elsevier ScienceDirect, Scopus, Mendeley, Engineering, and Clinical Key Solutions available on the EKB portal" at Damanhour University, December 3–4, 2018.
- 17. Egypt-Japan multidisciplinary science forum "Beyond the Borders", National Research Institute of Astronomy and Geophysics, Helwan, Egypt, February 11th, 2017.
- 12th Workshop of the Egyptian Veterinary Medical Society of Parasitology, "Parasites and Zoonotic Parasitic Diseases between Man and Animal: Important Causes, Diagnosis, and Treatment", Faculty of Medicine, Al-Azhar University, October 26, 2016.





- 19. Elsevier author seminar for STM researchers, "Skillful Author: Knowledge is Important Practicing is a Must", Faculty of Science, Alexandria University, October 13, 2016.
- 20. Workshop on "Standards and Specifications of Exam Paper", Faculty of Veterinary Medicine, University of Sadat City, May 18, 2016.
- 21. Workshop on "Frontiers of Eradication of Hepatitis C in Egypt", Faculty of Science, Kafr Elsheikh University. May 8, 2016.
- 22. Workshop on "Plagiarism and Paraphrasing", Faculty of Veterinary Medicine, University of Sadat City, April 10, 2016.
- 23. Workshop on "New Rules for University Staff Promotion", Faculty of Veterinary Medicine, University of Sadat City, March 30, 2016.
- 24. "Biotechnology Seminar". The annual meeting of the JSPS Alumni Association in Egypt (JSPSAAE). Golden Tulip Flamenco Hotel, Cairo, February 27, 2016.
- 25. Second International Egyptian Japanese Joint Seminar on "Environmental Toxicity and Mental Health", Damanhur University, Damanhur, Elbehera, Egypt. January 13, 2016.
- 26. Workshop on Accreditation Standards, "Institutional Capacity", Faculty of Veterinary Medicine, University of Sadat City, December 6, 2015.

Conferences

- 1. Egypt-Japan Academic Collaboration Forum. Conard Hotel, Cairo, Egypt, October 12, 2024.
- 2. Al-Azhar Engineering 16th International Conference "Advanced Engineering Applications and Artificial Intelligence for Sustainability", Al-Azhar Conference Center, Nasr City, Cairo, Egypt, February 24–25, 2024. (Attendance)
- 2nd Annual Egypt-Japan Scientific Meeting "Water and Environment", Theodor Belharz Research Institute, Cairo, Egypt, November 20, 2023. (Attendance)
- 4. The 6th International Scientific Conference on Food Safety "Humans and Food Safety", Zagazig University, Zagazig, Alsharkya, Egypt, May 3, 2016. (Two oral presentations)
- Egypt-Japan Multidisciplinary Science Forum 2023 "Health and Artificial Intelligence, Post COVID Era", National Research Institute of Astronomy and Geophysics, Helwan, Cairo, Egypt, February 18, 2023. (Attendance)
- 17th Annual Scientific Conference of the Faculty of Veterinary Medicine, Zagazig University "Veterinary Medicine and the One Health Concept", Hurghada, Egypt, October 12–15, 2022. (Oral Presentation)
- 7. First International Conference of Kafrelsheikh University "Climate Change and the Need for a One World-One Health Approach", Hurghada, Egypt. October 5-8 2022. (Poster)





- 8. The first scientific forum for postgraduate students. Faculty of Veterinary Medicine, Damanhour University, Damanhour, Behera, Egypt. September 28, 2022. (Reviewer)
- 9. Egypt-Japan Multidisciplinary Science Forum "Climate Change, Sustainable Development and the Green Economy", NRIAG, Helwan, Egypt, on March 19th, 2022. (Attendance)
- "International Conference on Recent Trends in Chemistry", Faculty of Science, Tanta University, Egypt, October 1-4, 2021. (Attendance)
- AvH Alumni Joint Conference "Biodiversity and Sustainable Production in Farm Animals", Faculty of Agriculture, Minoufiya University, Egypt, March 17–19, 2020 (Attendance)
- Egypt-Japan Multidisciplinary Science Forum 2020, "Natural Products and Discovery of New Drugs and Agrochemicals", Bibliotheca Alexandria, Alexandria, Egypt, February 15, 2020 (Attendance)
- 13. Cairo Science Forum: "Science Diplomacy and Recent Developments in Biology", National Research Centre, Dokki, Cairo, Egypt, November 19–21, 2019. (Attendance)
- 14. Egypt-Japan Multidisciplinary Science Forum "Sustainability in Scientific Research", E-JUST, Alexandria, Egypt, February 16, 2019. (Attendance)
- The International Conference "The Plant Microbiome: Exploration of Plant Microbiome Interactions for Improving Agriculture Productivity", Algona, Hurghada, Egypt, 18-22 November 2018. (Attendance)
- The 9th International Conference of the Egyptian Society of Veterinary Parasitology "Towards A Healthy Egypt", Alexandria University, Tulip Hotel Alexandria, Egypt, October 18, 2018. (Attendance)
- The 5th International Conference on Food Health and Safety, "Food Safety and Human Health", Damanhour University, Behera, Egypt, October 13, 2018. (Attendance)
- The First International Conference on Pharmaceutical Sciences, "Drug Development: From Benchside to Bedside", Faculty of Pharmacy, Minoufiya University, Minoufiya, Egypt, August 11–12, 2018. (Attendance)
- Egypt-Japan Multidisciplinary Science Forum Conference "Innovations and New Challenges", Faculty of Sciences, Al-Azhar University, Cairo, Egypt, March 24, 2018. (Attendance)
- The JSPS and AvH joint conference in Egypt, "Science and Science Management for Sustainable Development", National Research Centre, Dokki, Cairo, Egypt, October 24-26, 2017. (Attendance and session chair)
- The Second International Conference of the Faculty of Veterinary Medicine, University of Sadat City, "Toward Development of Veterinary Services to Combat Future Challenges", Sadat City, Egypt, April 4–7, 2017. (2 oral presentations).
- The 4th International Conference of Environmental Studies and Research Institute, University of Sadat City, "Smart Sustainable Environment", Sharm El Sheikh, Egypt, March 26-29, 2017. (Attendance)





- 23. The Fifth International Conference for Young Scientists in Basic and Applied Sciences "Recent Approaches in Basic and Applied Sciences", Faculty of Science, Assiut University, Assiut, Egypt 29 October–1 November 2016. (Attendance)
- 24. The 3rd International Scientific Conference on Food Safety "Environmental Risks and Food Safety", Damanhur University, Damanhour, Egypt, October 10, 2016. (Attendance)
- 25. The 1st International Conference of Genetic Engineering and Biotechnology Institute (GEBRI), University of Sadat City, "Integrative Science and Biotechnology", Sharm El Sheikh, Egypt, April 26–29, 2016. (Oral presentation).
- 26. The 30th Anniversary of the JSPS Research Station, Cairo, "Egypt–Japan Research Collaboration Conference", Cairo University Conference Center, Cairo, Egypt January 16, 2016. (Attendance)
- 27. The 8th Scientific Conference of the Faculty of Veterinary Medicine, University of Sadat City, Sadat City, Egypt, 2014. (Oral presentation).
- The 154th Annual Meeting of the Japanese Society of Veterinary Science, Iwate, Japan, 2012. (Oral presentation).
- 29. 53rd Annual Meeting of the Japanese Society of Tropical Medicine and Satellite Symposium on Protozoan Diseases. Obihiro, Japan, 2012. (Oral presentation).
- The 47th Annual Meeting of the Malaysian Society of Tropical Medicine and Parasitology. Kuala Lumpur, Malaysia, 2012. (Oral presentation).
- 31. The 81st Annual Meeting of the Japanese Society of Parasitology. Kobe, Japan, 2012. (Oral presentation).
- 32. The 17th Japanese-German Cooperative Symposium on Protozoan Diseases and Workshop on Gastrointestinal Protozoan Diseases. Nara, Japan, 2011. (Oral presentation).
- 33. The 78th Annual Meeting of the Japanese Society of Parasitology. Tokyo, Japan, 2009. (Oral presentation).
- The 146th Annual Meeting of the Japanese Society of Veterinary Science. Miyazaki, Japan, 2008. (Oral presentation).
- 35. The 144th Annual Meeting of the Japanese Society of Veterinary Science. Sapporo, Japan, 2006
- The 15th Japanese-German Symposium on Protozoan Diseases, Obihiro, Japan. September 16– 21, 2006. (Attendance)
- 37. The 3rd Scientific Conference of the Faculty of Veterinary Medicine, Minoufiya University, Egypt, April 2004. (Attendance)
- 38. The 2nd Scientific Conference of the Faculty of Veterinary Medicine, Minoufiya University, Egypt, April 2002. (Attendance)





 The 1st Scientific Conference of the Faculty of Veterinary Medicine, Minoufiya University, Egypt, April 2000. (Attendance)

List of academic publications

1) Book chapter

AbouLaila, M.,Igarashi, I. (2013). Green tea and its main catechin, epigallocatechin-3-gallate,provide parasitic protection. In Victor R. Preedy (ed.), Tea in Health and Disease Prevention.AcademicPress,London,pp.1249–1260.(http://www.sciencedirect.com/science/article/pii/B9780123849373001051)

2) <u>Papers published in journals, * corresponding author:</u>

- Khallaf, M.A., Awad, A., El-Bahrawy, A., Elkhatam, A., Hadad, G., Gadallah, S., Mahmoud, M., <u>AbouLaila, M.*</u>, Ghetas, H.A. (2025). Prevalence and molecular characterization of *Centrocestus formosanus* metacercaria in wild tilapia from the Western Nile Delta of Egypt. Parasitology International. (Submitted)
- <u>AbouLaila, M.*</u>, Mahmoud, M., Wheeb, H. Igarashi, M., Elkhatam, A., Menshawy, S. (2025). Prevalence and molecular characterization of *Ascaridia galli* in chickens from Minoufiya Governorate, Egypt. Veterinary Parasitology: Regional Studies and Reports 57, 101170.
- El-Debakhy, M., Elkhatam, A., Elbahy, N., <u>AbouLaila, M.</u>, Shehata, A.A. Sabra, E.A. (2024). Prevalence and molecular phylogeny of *Ascaridia galli* in Baladi chickens in Menouf district, Menoufia, Egypt. Journal of Current Veterinary Research 6(2), 191-203.
- El-Debakhy, M., Elbahy, N., Elkhatam, A., Basiouny, M. S., Anis, A., Shehata, A.A., <u>AbouLaila, M.</u> (2024). Prevalence of cestodes in Baladi chickens and molecular characterization of *Raillietina echinobothrida* in Menouf district, Menoufia, Egypt. Journal of Current Veterinary Research. 6(2), 171-190.
- Menshawy, S., Essa, B., Shaaban, S., AbouZaid, A., <u>AbouLaila, M.*</u>, Wheeb, H. (2024). Prevalence and molecular characterization of *Hysterothylacium* species infecting Pandora (*Pagellus erythrinus*) in the Mediterranean Sea of Egypt. Veterinary Parasitology: Regional Studies and Reports 52, 101037.
- Elbahy, N., Gomaa, A., <u>AbouLaila, M.</u>, Elkhatam, A. (2023). *Trichomonas gallinae*, Prevalence and Histopathology in Domestic Pigeons in Sadat District, Egypt. Journal of Current Veterinary Research 5(1), 223-230.
- <u>AbouLaila, M.</u>*, Menshawy, S., Elshafey, B., Othman, A.E., Yokoyama, N., Igarashi, I., Abdel Aziz, A. (2023). Evaluation of the *in vitro* inhibitory effects of etoposide on the growth of *Babesia* and *Theileria* parasites. Egyptian Journal of Veterinary Sciences 54, 211-219.





- <u>AbouLaila, M.</u>*, Mahmoud, M., Wheeb, H., Guswanto, A., Ishiyama, A., Iwatsuki, M., Otoguro, K., Ōmura, S., Yokoyama, N., Igarashi, I., Menshawy, S. (2023). *In vitro* inhibitory effects of puberulic acid on the growth of *Babesia* and *Theileria* parasites. Egyptian Veterinary Medical Society of Parasitology Journal (EVMSPJ) 19, 43–51.
- Elbahy, N., <u>AbouLaila, M.</u>, ElKhatam, A., Matter, M., El-Bahrawy, A. (2023). Evaluation of the anticoccidial efficacy of oregano oil and allicin against *Eimeria tenella* in experimentally infected broiler chickens. Journal of Current Veterinary Research 5(2), 186– 196.
- Shawish, R., <u>AbouLaila, M.</u>*, ElKhatam, A., El-Bahrawy, A., Omer, M., Hadad, G., Meshhal, H., Elbayoumi, Z. (2023). Prevalence, molecular characterization, and economic impact of Hydatid cysts in the slaughtered animals in abattoirs of Minoufyia governorate, Egypt. Journal of Advanced Veterinary Research 13(6), 857-864.
- Waheeb, H., <u>AbouLaila, M.*</u>, SaadEldin, W.F., Essa, B., Saleh, N., Otify, Y., Menshawy, S. (2023). Prevalence and Molecular Characterization of *Anonchotaenia* Species from Quails in Elbehera Governorate, Egypt. Journal of Advanced Veterinary Research 13(5), 843–847.
- 12. <u>AbouLaila, M.*</u>, Anis, A., Hamada, M., Osman, A. E., Omer, M., Saleh, N. A., Zidan, S., Menshawy, S., Waheeb, H., Abdel Aziz, A. (2023). Prevalence of hydatid cysts in slaughtered animals from Elbehera Governorate, Egypt, with a focus on histopathology and molecular characterization of camel cysts. Journal of Advanced Veterinary Research 13(4), 604–612.
- Elbayoumi, Z., El-Bahrawy, A., Meshhal, H., ElKhatam, A., <u>AbouLaila, M.*</u>, Hadad, G., Shawish, R. (2023). Prevalence and economic impact of *Cysticercus bovis* in slaughtered cattle at El-Menofia governorate, Egypt. Alexandria Journal of Veterinary Sciences 77(2), 55–63.
- Menshawy, S., Essa, B., Shaaban, S., Hamada, M., Mahmoud, S., <u>AbouLaila, M.*</u>, Sorour, S. (2022). Prevalence and genetic characterization of *Sarcocystis fusiformis* in water buffaloes in two northern provinces of Egypt. Slovenian Veterinary Research 60 (25) Supplement (2023), 195–203.
- 15. Abdelaziz, E., Elbahy, N., El-Bahrawy, A., ElKhatam, A., <u>AbouLaila, M.</u>^{*} (2022). Prevalence, hematological, serum biochemical, histopathology, and molecular characterization of *Sarcoptes scabiei* in naturally infected rabbits from Minoufiya Governorate, Egypt. Veterinary Parasitology: Regional Studies and Reports 36, 100788.
- Waheeb, H., Menshawy, S., Mahmoud, S., Otify, Y., <u>AbouLaila, M.*</u> (2022). Prevalence and scanning electron microscope of some parasites infecting domesticated and migratory quails from Edko and Rashid districts, El-Behera governorate, Egypt. Damanhour Journal of Veterinary Sciences 7 (2), 28–34.
- Shater, A., AlGabbani, Q., Mohammedsaleh, F., Saleh, Z., <u>AbouLaila, M.</u>, Noreldin, A., Raza, S., Ullah, H., Khan, R., Menshawy, S. (2022). Expression of immune-related genes in





parasite-infected *Tilapia nilotica* (*Oreochromis niloticus*) from Egypt and molecular characterization of the parasites. Gene Reports 26, 101451.

- <u>AbouLaila, M.</u>*, Igarashi, M., Elkhatam, A., Menshawy, S. (2022). Gastrointestinal nematodes from buffalo in Minoufiya Governorate, Egypt with special reference to *Bunostomum phlebotomum*. Veterinary Parasitology: Regional Studies and Reports 27, 100673.
- Elsayed, S., Rizk, M., Eldoumani, H., Souror, S., Terkawi, M., <u>AbouLaila, M.</u>, Igarashi, M., Zakaria, M. (2022). Identification and characterization of P0 protein as a vaccine candidate against *Babesia divergens*, blood parasite of veterinary and zoonotic importance. Frontiers in Veterinary Science, section Parasitology 8, Article 795906.
- Menshawy, S., Mahmoud, S., <u>AbouLaila, M.</u> (2021). Study on parasites infecting black rats (*Rattus rattus*) in some districts at the western region of Nile Delta, Egypt. Alexandria Journal of Veterinary Sciences 71(2), 29-35.
- <u>AbouLaila, M.</u>, Abdel Aziz, A. R., Menshawy, S., Yokoyama, N., Igarashi, I., Al-Wabel, M., Omar, M. A. (2021). Evaluation of the inhibitory effects of coumermycin A1 on the growth of *Theileria* and *Babesia* parasites *in vitro* and *in vivo*. Pakistan Veterinary Journal 41(4), 469–474.
- Elkhatam, A., Eldebakhy, M., <u>AbouLaila, M.</u>, El-Bahy, N. (2020). Studies on ovine coccidiosis in Menoof district, Menoufia, Egypt. Journal of Current Veterinary Research 2(2), 98–104.
- 23. <u>AbouLaila, M.</u>*, Allam, T., Roshdey, T., Elkhatam, A. O. (2020). *Strongylus vulgaris*: Infection rate and molecular characterization from naturally infected donkeys at Sadat City, Egypt. Veterinary Parasitology: Regional Studies and Reports 22, 100478.
- 24. <u>AbouLaila, M.</u>*, Menshawy, S., Shaaban, S., Souror, S., Ishiyama, A., Iwatsuki, M., Otoguro, K., Ōmura, S., Yokoyama, N., Igarashi, I. (2020). Evaluation of *in vitro* inhibitory effects of prumycin on the growth of *Babesia* and *Theileria* parasites. EVMSPJ 16, 131–141.
- 25. <u>AbouLaila, M.</u>*, Menshawy, S. (2020). Infection rate and molecular characterization of *Echidnophaga gallinacea* in chickens from Matrouh governorate, Egypt. Veterinary Parasitology: Regional Studies and Reports 22, 100457.
- 26. Elsayed, S.M., <u>AbouLaila, M.</u>, Elkhatam A., Abdel-Wahab, A. Rizk, M. A. (2020). An epidemiological survey of *Theileria equi* parasite in donkeys (*Equus asinus*) in Egypt. Veterinary Parasitology: Regional Studies and Reports 21, 100449.
- 27. <u>AbouLaila, M. *</u>, Zaid, A., Roshdey, T., Allam, T., Elkhatam, A. (2020) *Eimeria stiedae*: Infection rate and molecular characterization by nested PCR in rabbits from Minoufiya Governorate, Egypt. EVMSPJ 16, 34–49.





- 28. Allam, T., AbdelGaber, M., Thabet, N., <u>AbouLaila, M.</u>*, Elkhatam, A. (2020) Clinicopathological effects of diclazuril prophylaxis and treatment on rabbits experimentally infected with *Eimeria stiedae*. Damanhour Journal of Veterinary Sciences. 4 (1), 20–28
- 29. Menshawy, S., <u>AbouLaila, M.</u>, Bessat, M. N., Beder, N. A. (2020). A Review on Bovine Babesiosis in Egypt. EVMSPJ 16(1), 8–19.
- 30. Elkhatam, A., <u>AbouLaila, M.</u>, El-Bahy, N., Roshdey, T., Nayel, N, (2020). Microscopical and molecular diagnosis of gastrointestinal nematodes infecting small ruminants in Menofia governorate. International Research Journal of Animal and Veterinary Sciences 2 (1), 8–13.
- 31. <u>AbouLaila, M.*</u>, Salah, A., Roshdey, T. Elkhatam, A. (2020). Infection rate and biochemical characterization of *Cysticercus tenuicollis* from sheep in Minoufiya governorate, Egypt. Veterinary Parasitology: Regional Studies and Reports 20, 100396.
- 32. <u>AbouLaila, M.</u>, Elsayed, S.M., Omar, M., Al Aboody, M., Abdel Aziz, A., Abdel-Daim, M., Rizk, M., Igarashi, I. (2020). Myrrh oil inhibits the growth of bovine *Babesia*/ equine piroplasm parasites *in vitro* and *Babesia microti* in mice. Pathogens 9(3), 173.
- 33. <u>AbouLaila, M.</u>*, Abdel Aziz, A. R., Rizk, M. A., Mady, R., Yokoyama, N., Igarashi, I. (2019). Evaluation of the *in vitro* and *in vivo* inhibitory effects of quercetin on the growth of *Babesia* and *Theileria* parasites. Damanhour Journal of Veterinary Sciences 2 (1), 23–27.
- 34. <u>AbouLaila, M.*</u>, Menshawy, S., Rizk, M. A., Igarashi, I. (2019). Honey inhibits *in vitro* growth of four *Babesia* species and *Theileria equi*. EVMSPJ 15(1): 140–148.
- 35. <u>AbouLaila, M.</u>*, Abdel Aziz, A., Menshawy, S., Salama, A., Mady, R., Yokoyama, N., Igarashi, I. (2019). Evaluation of the *in vitro* and *in vivo* inhibitory effects of enrofloxacin on the growth of *Babesia* species and *Theileria Equi*. Drug and Drug Abuse 1(1): 1–6.
- 36. <u>AbouLaila, M. *</u>, Terkawi, M.A., Menshawy, S., Yokoyama, N., Igarashi, I. (2019). Identification, characterization, and protective effect of the apical membrane antigen-1(AMA-1) homolog from *Babesia bigemina*. Annals of Clinical Investigation 1 (1), 1001.
- 37. El-Bahy, N., El-Bagory, A., <u>AbouLaila, M.</u>, Elkhatam1, A., Mady, H. (2019). Prevalence of *Sarcocystis fusiformis* and hydatid cyst among different ruminants at Menofia governorate, Egypt. Journal of Current Veterinary Research 1(1), 1–10.
- 38. <u>AbouLaila, M.</u>^{*}, Abdel Aziz, A., Yokoyama, N., Igarashi, I. (2019). Luteolin: target validation in *Babesia bovis* by reverse transcription polymerase chain reaction and *in vivo* inhibition of *Babesia microti*. Journal of Clinical Research and Medical Reports 1, 103.
- 39. <u>AbouLaila, M. *</u>, Rizk, M. A., Abdel Aziz, A., Menshawy, S., Mady, R., Yokoyama, N., Igarashi, I. (2018). Evaluation of the *in vitro* and *in vivo* inhibitory effects of apigenin and gallic acid on the growth of *Babesia* and *Theileria* parasites. EVMSPJ; 14 (9),137–150
- 40. Rizk, M., <u>AbouLaila, M.</u>, El-Sayed, S., Yokoyama, N., Igarashi, I. (2018). Inhibitory effects of fluoroquinolone antibiotics on *Babesia divergens* and *Babesia microti*, blood parasites of veterinary and zoonotic importance. Infection and Drug Resistance 11, 1605–1615.





- El-Bahy, N., Menshawy, S., Goda, W., Nasr, S., <u>AbouLaila, M.</u>, Bazh, E., Abou-Rwash, A. (2018). Molecular diagnosis of *Babesia bigemina* and *Babesia bovis* in cattle in Behera Governorate Egypt. European Journal of Pharmaceutical and Medical Research 5(12), 441–446.
- 42. Abdel Aziz, A. R., <u>AbouLaila. M.</u>*, Aziz, M., Omar, M., Sultan, K. (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 7, 231–234.
- 43. <u>AbouLaila, M. *</u>, Rizk, M.A., El-Sayed, S.A., Yokoyama, N., Igarashi, I. (2018). *In vitro* antiparasitic effects of six beverages on the growth of *Babesia* and *Theileria* parasites. Annals of Complementary and Alternative Medicine 3 (1), 3–8.
- 44. Rizk, M., El-Sayed, S., <u>AbouLaila, M.</u>, Eltayesh, R., Yokoyama, N., Igarashi, I. (2017). Performance and consistency of a fluorescence-based high-throughput screening assay for use in *Babesia* drug screening in mice. Scientific Reports 7 (1), 12774.
- 45. Touvshintugla, B., <u>AbouLaila, M.,</u> Sivakumar, T., Tayebwa, D., Gantuya, S., Naranbaatar, K., Ishiyama, A., Iwatsuki, M., Otoguro, K., Ōmura, S., Terkawi, M., Guswanto, A., Rizk, M., Yokoyama, N., Igarashi, I. (2017). Chemotherapeutic efficacies of a clofazimine and diminazene aceturate combination against piroplasm parasites and their AT-rich DNA-binding activity on *Babesia bovis*. Scientific Reports 7 (1), 13888.
- 46. <u>AbouLaila, M.</u>, Touvshintugla, B., Rizk, M. A., Elsayed, S.M., Yokoyama, N., Igarashi, I. (2017). Serum-free GIT medium for short-term *in vitro* cultures of *Babesia bigemina*, *Babesia divergens*, and *Theileria equi*. The Journal of Protozoology Research 27(1-2), 13–22.
- 47. Rizk, M., Elsayed, S., <u>AbouLaila, M.</u>, Yokoyama, N., Igarashi, I. (2017). Evaluation of the inhibitory effect of N-acetyl-L-cysteine on *Babesia* and *Theileria* parasites. Experimental Parasitology 179, 43–48.
- Abdel Aziz, A., Bazh, E., <u>AbouLaila. M.</u>, Sultan, K. (2017). Epidemiological study on the brown dog tick *Rhipicephalus sanguineus* at Sadat district, Egypt. PSM Veterinary Research 2 (1), 1–5.
- Guswanto, A., Allamanda, P., Mariamah, E., Munkhjargal, T., Touvshintugla, B., Takemae, H., Sivakumar, T., <u>AbouLaila, M.</u>, Terkawi, M., Ichikawa, M., Nishikawa, Y., Yokoyama, N., Igarashi, I. (2017). Development of simultaneous immunochromatographic test strip and its application for the serological detection of *Babesia bovis* and *Babesia bigemina* in Western Java, Indonesia. Veterinary Parasitology 239, 76–79.
- 50. Fereig, R.M., Mohamed, S., Mahmoud, H., <u>AbouLaila, M.</u>, Guswanto, A., Nguyen, T., Mohamed, A. E. A., Inoue, N., Igarashi, I., Nishikawa, Y. (2017). Seroprevalence of *Babesia bovis*, *B. bigemina*, *Trypanosoma evansi*, and *Anaplasma marginale* antibodies among cattle in southern Egypt. Journal of Tick and Tick-Borne Diseases 8 (1), 125–131.





- 51. Elkhatam A., <u>AbouLaila, M.</u>*, Ibrahim M., AbdelGaber M. (2016). *Trichomonas gallinae*: prevalence and molecular characterization from pigeons in Minoufiya governorate, Egypt. Experimental Parasitology170, 161–167.
- 52. <u>AbouLaila, M. *</u>, Yokoyama, N., Igarashi, I. (2016). RNA interference (RNAi) for some genes from *Babesia bovis*. Research Journal of Applied Biotechnology 2 (1), 81–92.
- <u>AbouLaila, M.</u>*, Yokoyama, N., Igarashi, I. (2016). Evaluation of *in vitro* growth inhibitory effects of ebselen on *Babesia* and *Theileria* parasites. Sadat Veterinary Medical Journal 10, 34–38.
- 54. Fereig, R., Mahmoud, H., Mohamed, S., <u>AbouLaila, M.</u>, Abdel-Wahab, A., Osman, S., Zidan, S., El-Khodary, S., Mohamed, A., Nishikawa, Y. (2016). Seroprevalence and epidemiology of *Toxoplasma gondii* in farm animals in different regions of Egypt. Veterinary Parasitology: Regional Studies and Reports 3–4, 1–6.
- 55. Rizk, M. A., Elsayed, S.M., <u>AbouLaila, M.</u>, Touvshintugla, B., Yokoyama, N., Igarashi, I. (2016). Large-scale drug screening against *Babesia divergens* parasite using a fluorescence-based high-throughput screening assay. Veterinary Parasitology 227, 93–97.
- 56. Fereig, R., <u>AbouLaila, M.</u>, Mohamed, S., Mahmoud, H., Ali, A. O., Hilali, M., Zaid, A., Mohamed, E. A., Nishikawa, Y. (2016). Serological detection and epidemiology of *Neospora caninum* and *Cryptosporidium parvum* antibodies among cattle in southern Egypt. Acta Tropica 162, 206–211.
- 57. Touvshintugla B., <u>AbouLaila, M.</u>, Davaasuren, B., Ishiyama, A., Sivakumar, T., Yokoyama, N., Iwatsuki, M., Otoguro, K., Igarashi, I. (2016). Clofazimine inhibits the growth of *Babesia* and *Theileria* parasites *in vitro* and *in vivo*. Antimicrobial Agents and Chemotherapy 60 (5), 2739–2746.
- 58. Munkhjargal, T., Aboge, G., Ueno, A., <u>AbouLaila, M.</u>, Yokoyama, N., Igarashi, I. (2016). Identification and characterization of profilin antigen among *Babesia* species as a common vaccine candidate against babesiosis. Experimental Parasitology 166, 29–36.
- Omar, M., Salama, A., Elsify, A., Rizk, M. A., Al-Aboody, M., <u>AbouLaila. M.</u>, Elsayed, S., Igarashi, I. (2016). Evaluation of *in vitro* inhibitory effect of enoxacin on *Babesia* and *Theileria* parasites. Experimental Parasitology 161, 62–67.
- 60. Abog, E G., Cao, S., Terkawi, M., Masatani, T., Goo, Y., <u>Aboulaila, M.</u>, Nishikawa, Y., Igarashi, I. Suzuki, H., Xuan, X. (2015). Molecular characterization of *Babesia bovis* M17 leucine aminopeptidase and inhibition of *Babesia* growth by bestatin. The Journal of Parasitology 101(5), 536–541.





- 61. Elbahy, N., Elkhatam, A., <u>AbouLaila, M.</u>, Abdel Aziz, A. R. (2015b). Prevalence of different flatworms infecting ruminants in Menoufia governorate. Menoufia Veterinary Journal 9, 66–77.
- 62. Elbahy, N. M., Elkhatam, A. O., <u>AbouLaila, M.</u>, Abdel Aziz, A. R. (2015a). Microscopical identification and seasonal dynamics of gastrointestinal nematodes in small ruminants at Menoufia province. Menoufia Veterinary Journal 9, 58–65.
- 63. Elbahy, N. M., Khalafalla, R. E., Elkhatam, A. O., <u>AbouLaila, M.</u> (2014). Evaluation of *Eimeria* oocyst whole antigen vaccine and the enhancive effect of probiotic on broilers. International Journal of Basic and Applied Sciences 3 (4), 357–362.
- 64. Zidan, S., Amer, S., <u>AbouLaila, M.</u> (2014). Comparison of immunochromatographic test (RIDA®QUICK) and ELISA for detection of *Cryptosporidium parvum* in children, immunocompromised patients, and preweaned calves in Egypt. Time Journals of Agriculture and Veterinary Sciences 2(8), 132–138.
- <u>AbouLaila, M.</u>, Davaasuren, B., Salama, A., Ichikawa, M., Terkawi, M. A., Munkhjargal, T., Yokoyama, N., Igarashi, I. (2014b). Evaluation of the inhibitory effects of miltefosine on the growth of *Babesia* and *Theileria* parasites. Veterinary Parasitology 204 (3–4), 104–110.
- <u>AbouLaila, M.</u>, Salama, A., Yokoyama, N., Igarashi, I. (2014a). Evaluation of *in vitro* inhibitory effects of actinonin on *Babesia* and *Theileria equi* parasites. Menoufia Veterinary Journal 8 (1), 153–160.
- 67. Salama, A., <u>AbouLaila, M.</u>, Terkawi, M., Mousa, A., El-Sify, A., Allaam, M., Zaghawa, A., Yokoyama, N., Igarashi, I. (2014). Inhibitory effect of allicin on the growth of *Babesia* and *Theileria equi* parasites. Parasitology Research 113 (1), 275–283.
- 68. Moussa, A., Cao, S., Aboge, G.O., El Kirdasy, A., Terkawi, M. A., Salama, A., Attia, M., <u>AbouLaila, M.</u>, Kamyingkird, K., Adjou Moumouni, P. F., Masatani, T., Abd El Aziz, S., Moussa, W., Chahan, B., Fukumoto, S., El Ballal, S., Nishikawa, Y., Xuan, X. (2014). Molecular characterization and antigenic properties of a novel *Babesia gibsoni* glutamic acidrich protein (BgGARP). Experimental Parasitology 135 (2), 414–420.
- 69. Terkawi, M., Ratthanophart, J., Salama, A. A., <u>AbouLaila, M.</u>, Asada, M., Ueno, A., Alhasn, H., Guswanto, A., Masatani, T., Yokoyama, N., Nishikawa, Y., Xuan, X., Igarashi, I. (2013). Molecular characterization of a new *Babesia bovis* thrombospondin-related anonymous protein (BbTRAP2). PLOS ONE 8 (12), e83305.
- 70. Salama, A., Terkawi, M., Kawai, S., <u>Aboulaila, M.</u>, Nayel, M., Mousa, A., Zaghawa, A., Yokoyama, N., Igarashi, I. (2013). Specific antibody to a conserved region of *Babesia* apical





membrane antigen-1 inhibited the invasion of *B. bovis* into the erythrocyte. Experimental Parasitology 135 (3), 623–628.

- Munkhjargal, T., Sivakumar, T., Battsetseg, B., Nyamjargal, T., <u>AbouLaila, M</u>., Purevtseren, B., Bayarsaikhan, D., Byambaa, B., Terkawi, M.A., Yokoyama, N., Igarashi, I. (2013). Prevalence and genetic diversity of equine piroplasms in Tov province, Mongolia. Infection Genetic Evolution 16,178–85.
- Ueno, A., Terkawi, M.A., Yokoyama, M., Cao, S., Abog, G., <u>Aboulaila, M.</u>, Nishikawa, Y., Xuan, X., Yokoyama, N., Igarashi, I. (2013). Farsenyl pyrophosphate synthase is a potential molecular drug target of risedronate in *Babesia bovis*. Parasitology International, 62(2), 189–92
- 73. Salama, A., <u>AbouLaila, M.</u>, Moussa, A., Nayel, M., Elsify, A., Terkawi, M., Hassan, H., Yokoyama, N., Igarashi, I. (2012). Evaluation of *in vitro* and *in vivo* inhibitory effects of fusidic acid on *Babesia* and *Theileria* parasites. Veterinary Parasitology 191 (1-2), 1–10.
- 74. <u>AbouLaila, M.</u>, Terkawi, M. A., Seuseu, F. J., Ota, N., Caine, A., Yokoyama, N., Xuan, X., Igarashi, I. (2012). Expression and immunological characterization of heat shock-70 homologue from *B. bigemina*. Veterinary Parasitology 190 (3–4), 401–410.
- 75. Munkhjargal, T., <u>AbouLaila, M.</u>, Terkawi, M. A., Ueno, A., Sivakumar, T., Yokoyama, N., Igarashi, I. (2012b). Inhibitory effects of pepstatin A and mefloquine on the growth of *Babesia* parasites. The American Journal of Tropical Medicine and Hygiene 87 (4), 681–688.
- 76. Munkhjargal T., <u>AbouLaila M.</u>, Sivakumar T., Nakano Y., Yokoyama M., Yokoyama N., Igarashi I. (2012a). Cloning and characterization of histone deacetylase from *Babesia bovis*. Veterinary Parasitology 190 (3–4), 423–433.
- 77. Nayel, M., El-Dakhly, K.M., <u>AbouLaila, M.</u>, Elsify, A., Hassan, H., Ibrahim, E., Salama, A., Yanai, T. (2012). The use of different diagnostic tools for *Babesia* and *Theileria* parasites in cattle in Menofia, Egypt. Parasitology Research 111 (3), 1019–1024.
- 78. <u>AbouLaila, M.</u>, Munkhjargal, T., Sivakumar, T., Ueno, A., Nakano, Y., Yokoyama, M., Yoshinari, T., Nagano, D., Katayama, K., EL-Bahy, N., Yokoyama, N., Igarashi, I. (2012). Apicoplast-targeting antibacterials inhibit the growth of *Babesia* parasites. Antimicrobial Agents and Chemotherapy 56, 3196–3206.
- 79. Terkawi, M., Alhasn, H., Ueno, A., Katthanaphart, J., Luo, Y., Cao, S., Kamyingkird, K., <u>Aboulaila, M.</u>, Goo, Y., Nishikawa, Y., Xuan, X., Yokoyama, N., Igarashi, I. (2012). The Cterminal region of 48-kDa rhoptry protein for serological detection of *Babesia caballi* antibodies in horses. Parasitology International 61, 493–496.





- 80. Sivakumar, T., Khukhuu, A., Batesteg, B., Battor, B., <u>AbouLaila, M.</u>, Munkhjargal, T., Yoshinari, T., Yokoyama, N., Igarashi, I. (2012). Genetic detection of *Babesia bigemina* from Mongolian cattle using apical membrane antigen-1 gene-based PCR technique. Veterinary Parasitology 187, 17–22.
- <u>AbouLaila, M.</u>, El-Bahy, N., Hilali, M., Yokoyama, N., Igarashi, I. (2011c). Serodiagnosis of *Toxoplasma gondii* in ducks from Behera Governorate, Egypt. The Journal of Protozoology Research 21, 45–49.
- <u>AbouLaila, M.</u>, El-Bahy, N., Hilali, M., Yokoyama, N., Igarashi, M. (2011b). Prevalence of the enteric parasites of ducks from Behera governorate, Egypt. The Journal of Protozoology Research 21, 36–44.
- 83. <u>AbouLaila, M.</u>, Terkawi, M.A., Yokoyama, N., Igarashi, I. (2011a). *In vitro* growth inhibitory effect of (-)-Epigallocatechin-3-gallate from green tea on the growth of equine *Babesia* parasites. The Journal of Protozoology Research 21, 30–35.
- 84. Terkawi M., Seuseu, F., Wibowo, P., Huyen, N., Minoda, Y., <u>AbouLaila, M.</u>, Kawai, S., Yokoyama, N., Xuan, X., Igarashi, I. (2011c). Secretion of a new Spherical body protein of *Babesia bovis* into the cytoplasm of infected erythrocytes. Molecular and Biochemical Parasitology 178 (1–2), 40–45.
- 85. Terkawi, M., Huyen, N., Shinuo C. Inpankaew T., Maklon, K., <u>AbouLaila, M.</u>, Ueno, A., Goo, Y., Yokoyama, N., Jittapalapong, S., Xuan, X., Igarashi, I. (2011b). Molecular and serological prevalence of *Babesia bovis* and *Babesia bigemina* in water buffaloes in the northeast region of Thailand. Veterinary Parasitology 178 (3–4), 201–207.
- 86. Terkawi, M., Huyen, N., Wibowo, P., Seuseu, F., <u>AbouLaila, M.</u>, Ueno, A., Goo, Y., Yokoyama, N., Xuan, X., Igarashi, I. (2011a). Spherical body protein 4 is a new serological antigen for the global detection of *Babesia bovis* infection in cattle. Clinical and Vaccine Immunology 18, 337–342.
- <u>AbouLaila, M.</u>, Yokoyama N., Igarashi, I. (2010e). Development and evaluation of two nested PCR assays for the diagnosis of *Babesia bovis* from cattle blood. Veterinary Parasitology 172 (1-2), 65–70.
- <u>AbouLaila, M.</u>, Sivakumar, T., Yokoyama, N., Igarashi, I. (2010d). Inhibitory effect of terpene nerolidol on the growth of *Babesia* parasites. Parasitology International 59 (2), 278–282.





- <u>Aboulaila, M.</u>, Yokoyama, N., Igarashi, I. (2010c). Development and evaluation of a nested PCR based on spherical body protein 2 gene for the diagnosis of *Babesia bovis* infection. Veterinary Parasitology 169, 45–50.
- 90. <u>AbouLaila, M.</u>, Nakamura, K., Govind, Y. Yokoyama, N., Igarashi, I. (2010a). Evaluation of the *in vitro* growth-inhibitory effect of epoxomicin on *Babesia* parasites. Veterinary Parasitology 167, 19–27.
- <u>AbouLaila, M.</u>, Yokoyama, N., Igarashi, I. (2010b). Inhibitory effects of (-)-Epigallocatechin-3-gallate from green tea on the growth of *Babesia* parasites. Parasitology 137 (5), 785–791.
- 92. Sivakumar, T., Khukhuu, A., Alhassan, A., <u>AbouLaila, M.</u>, Iseki, H., Ota, N., Lijia, Z., Yokoyama, N., Igarashi, I. (2009). Expression analysis of a *Babesia bovis* BboP67 gene homologous to the *Theileria parva* p67 gene. The Journal of Protozoology Research 19, 62–71.
- 93. Munkhjargal, T., <u>AbouLaila, M.</u>, Sivakumar, T., Yokoyama, N., Igarashi, I. (2009). Inhibitory effect of apicidin on *in vitro* and *in vivo* growth of *Babesia* parasites. The Journal of Protozoology Research 19, 42–49.
- 94. Sivakumar, T., <u>AbouLaila, M.</u>, Khukhuu, A., Iseki, H., Alhassan, A., Yokoyama, N., Igarashi, I. (2008). *In vitro* inhibitory effect of fosmidomycin on the asexual growth of *Babesia bovis* and *Babesia bigemina*. The Journal of Protozoology Research 18, 71–78.