

CURRICULUM VITAE

(CV)

PERSONAL INFORMATION

Name Abdelhafeed Sameer Abdelkarrem Dalab
Date of Birth 22/1/1986
Place of Birth Nablus
Nationality Palestinian
Marital Status Married, 2 Son
Residency Tulkarm-Palestine
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EDUCATIONAL BACKGROUND

Year	Education	Average	Qualification	Institution
2016-2019	PhD Degree in Anatomy and Cell Biology	4.72 (Ranked 1st)	Excellent	King Faisal University (Saudi Arabia)
2009-2011	Master Degree in Veterinary Anatomy and Histology	89.6	Excellent	Jordan University of Science and Technology (Jordan)
2004-2009	Bachelor's Degree in Veterinary Medicine	81.7 (Ranked 1st)	Very Good	An-Najah National University (Palestine)
2003-2004	Secondary Certificate	88	Very Good	AL-Fadelyah Secondary School (Palestine)

PhD Dissertation Title:

- Molecular and Morphological Investigations of the Effect of Thermal Manipulation during Embryogenesis on Thermo-tolerance and Muscle Structure in Broiler.
- The first of its kind to be discussed in the Arabian Gulf Region.

MS Thesis Title:

- Effect of Thermal Manipulation during Embryogenesis on The Expression of Heat Shock Protein 70 (Hsp-70) in Chicken.

TEACHING EXPERIENCE

Jordan University of Science and Technology, Jordan

Aug 2009 to Sep 2011

Teacher Assistant, Basic Science Department, Collage of Veterinary Medicine.

- Veterinary Anatomy and Histology, an undergraduate course averaging 60 students per semester, covering most topics in anatomy and histology.
- Developed quizzes, exams, and homework
- Coordinated grading and labs with a team of 4 teaching assistants

RESEARCH EXPERIENCE

Year	Title	Institution
2015-2021	Research Assistant in Molecular Biology	Collage of Veterinary Medicine, King Faisal University, KSA.
2013-2015	Research Assistant in grant no. (11-BIO-1805-06): Using Advanced Molecular and Physiological Approach to Determine the Optimum Temperature, Duration and Period of Thermal Manipulation During Embryogenesis of Broiler Chicken	Funded by King Abdulaziz City for Science and Technology (KACST). Collage of Veterinary Medicine, King Faisal University, KSA.
2009-2011	Research Assistant in Molecular Veterinary Virology	Collage of Veterinary Medicine, Jordan University of Science and Technology.

LAB SKILLS AND ACTIVITIES

1. Molecular Biological Techniques: DNA/RNA Extraction, PCR Amplification, Gel Electrophoresis, Restriction Digestion, DNA Sequencing.
2. Genotyping, Regulation of Gene Expression and Gene Study, Real Time Polymerase Chain Reaction RT-PCR Technology, Droplet Polymerase Chain Reaction dd-PCR.
3. Enzyme-Linked Immuno-Sorbent Assay Technology.
4. Anatomical, Morphometrical and Ultrastructural Technology (Electron Microscopy).
5. Immunohistochemistry Technology.
6. Bioinformatics analysis, able to handle and process data in common bioinformatics formats.
7. Poultry, Broilers, Camel and Horses Viruses detection and diagnosis.

TRAINING COURSES, CONFERENCES, EXHIBITIONS AND WORKSHOPS ATTENDANCE:

Training courses:

1. Attendance of **training course**: Recent advances in equine medicine and reproduction, Deanship of development and quality assurance (KFU), AL-Ahsa, KSA, 14-18 October 2018.
2. Attendance of **training course**: How to publish a scientific paper with wiley, Saudi Digital Library, KSA, 16 May 2017.
3. Attendance of **training program**: Training skills in hygiene hady and sacrificed animals, Deanship of development and quality assurance (KFU), AL-Ahsa, KSA, 2-3 May 2017.
4. Attendance of **training program**: Training skills in hygiene hady and sacrificed animals, Deanship of development and quality assurance (KFU), AL-Ahsa, KSA, 6-7 April 2017.

Conferences, Exhibitions and Workshops Attendance:

1. Participate in College of Veterinary Medicine and Community **Exhibition** (One Health), AL-Ahsa, Saudi Arabia, 20-23 March 2019.
2. Participate in World Veterinarian Day **Exhibition**, AL-Ahsa, Saudi Arabia, 27-30 April 2018.
3. Participate in College of Veterinary Medicine and Community **Exhibition**, AL-Ahsa, Saudi Arabia, 14-18 February 2018.
4. Participate as speaker in the **32nd meeting** of Saudi biological society: Human and environment development in vision 2030, Makkah al-Mukarramah, Saudi Arabia 18-20 April 2017.
5. Attendance of MERSCoV: The current challenges and the future prospective **workshop**, Collage of Veterinary Medicine, King Faisal University, KSA, 15-16 February 2017.
6. Participate as speaker in the 7th Scientific **conference** for students of higher education of king faisal university. AL-Ahsa, Saudi Arabia 7-10 November 2016.
7. Attendance of Sustainability of Camel Population and Production (CSCPP) **Conference**, AL-Ahsa, Saudi Arabia 17-20 February 2013.
8. The 3rd Zarqa Veterinarians **Scientific Day**, Zarqa, Jordan 17 April 2010.
9. Participate as speaker in Middle East and North Africa (MENA) Animal Wealth Research **Conference**, Cairo, Egypt 16-18 October 2008.

Author IDs

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- Scopus ID: 55155606600
- <https://scholar.google.com/citations?user=vc8bX3gAAAAJ&hl=ar>

Journal Publications

1. Mahmoud Kandeel, **Abdulhafez Dalab**, Abdulkarem Al-Shabebi, Abdulla Al-Taher., Bioinformatics of Pyrimidine Metabolism in Camels and Trypanosoma Evansi: Uridine 5'-Diphosphate (UDP) Metabolic Pathways and Targeting ATP Diphosphatase. (2020). Journal of Camel Practice and Research. 27 (1), p 61-68.
2. Mahmoud Kandeel, **Abdulhafez Dalab**, Abdulkarem Al-Shabebi, Abdulla Al-Taher, Yousef Altaher and Mohamed Abozahra. Uridine 5-Triphosphate (UTP) Metabolising Enzymes Nucleoside Diphosphate Kinase and Cytidine Triphosphate (CTP) Synthase in Camels and Trypanosoma Evansi., (2020). Journal of Camel Practice and Research. 27 (2), p 1-14.
3. Abdulkarem Ahmed Alshabebi, **Abdulhafeed Dalaab**, Abdelrahman MA Elseory, Thnian A. Althnianand Saeed Y Al-Ramadan., (2019). Morphometrical, Histological and Histometrical Studies on Oesophagus of CAMEL (Camelus dromedarius). Ruminant Science. 8 (2): p 1-6.
4. **Abdulhafeed S. Dalab** and Abdelhay M. Ali., (2019). Morphological Investigations of The Effect of Thermal Manipulation during Embryogenesis on Body Performance and structure of pectoral and thigh muscle of Ross Broiler Chicken. Rev. Bras. Cienc. Avic. 21(4):1-6.
5. Hemida M., Alhammadi M., **Daleb A.**, Alnaeem A., (2017). Molecular and serological surveillance of African horse sickness virus in eastern and central Saudi Arabia. Rev. Sci. Tech. OIE. 36(3):889-898
6. Hemida, M. G., M. A. Al-Hammadi, **A. H. S. Daleb** and C. R. Gonsalves (2017). Molecular characterization and phylogenetic analyses of virulent infectious bronchitis viruses isolated from chickens in Eastern Saudi Arabia. Virus Disease 28(2): 189-199.
7. Al-Zghoul, MB, Al-Natour, MQ, **Dalab, AS**, Alturki, OI, Althnaian, T, Al-ramadan, SY, & Hannon, KM. (2016). Thermal Manipulation Mid-term Broiler Chicken Embryogenesis: Effect on Muscle Growth Factors and Muscle Marker Genes. Rev. Bras. Cienc. Avic, 18(4), 607-618.
8. Mohammad-Borhan Al-Zghoul, Sabry M. El-Bahr, Raida K. Al-Rukibat, **Abd Elhafeed S. Dalab**, Thnaian A. Althnaian1 and Saeed Y. Al-ramadan1 (2015) Biochemical and molecular investigation of thermal manipulation protocols during broiler embryogenesis and subsequent thermal challenge. BMC Veterinary Research. DOI 10.1186/s12917-015-0609-0.

9. Mohammad-Borhan Al-Zghoul · Zuhair Bani Ismail · **Abd Elhafeed S. Dalab** · Abdulla Al-Ramadan · Thnaian A. Althnaian · Saeed Y. Al-ramadan · Abdelhadi M. Ali · Ibrahim F. Albokhadaim · Khalid Ahmed Al Busadah · Abdulhakeem Eljarah · Khaleel I. Jawasreh · Kevin M. Hannon (2015). Thermal manipulation during broiler chicken embryogenesis: Effect on mRNA expressions of Hsp108, Hsp70, Hsp47 and Hsf-3 during subsequent post-hatch thermal challenge. *Research in Veterinary Science* 103, 211–217.
10. Abdelmalik I. Khalafalla, Xiaoyan Lu, Abdullah I.A. Al-Mubarak, **Abdul Hafeed S. Dalab**, Khalid A.S. Al-Busadah, and Dean D. Erdman (2015). MERS-CoV in Upper Respiratory Tract and Lungs of Dromedary Camels, Saudi Arabia, 2013–2014. *Emerging Infectious Diseases*, 21(7) pp.1153-1158.
11. Mohammad-Borhan Al-Zghoul, Zuhair Bani Ismail, **Abdelhafeed S. Dalab**, Abdulla Al-Ramadan, Thnaian A. Althnaian, Saeed Y. Al-ramadan, Abdelhadi M. Ali, Ibrahim F. Albokhadaim, Khalid Ahmed Al Busadah, Abdulhakeem Eljarah, Khaleel I. Jawasreh, Kevin M. Hannon. (2015). Hsp90, Hsp60 and HSF-1 genes expression in muscle, heart and brain of thermally manipulated broiler chicken. *Research in Veterinary Science* 99, 105–111
12. Al-Zhgoul, M.-B., **A.E.S. Dalab**, M.M. Ababneh, K.I. Jawasreh, K.A.A. Busadah, and Z.B. Ismail. (2013). Thermal manipulation during chicken embryogenesis results in enhanced Hsp70 gene expression and the acquisition of thermotolerance. *Research in Veterinary Science*. 95, 502-507.
13. Mohammad Borhan Al-Zhgoul, **Abdul Hafeed S. Dalab**, El Jarah Abdulhakeem, Zuhair Bani Ismail, Al Thanain Thanain (2013). Arabian Oryx (*Oryx leucoryx*) Trachea: A Descriptive and Morphometric Analysis. *International Journal of Morphology*. 31(3):813-818.
14. M. Ababneh, Wael M. Hananeh, **Abd Elhafeed S. Dalab** (2012). Molecular and Histopathological Characterization of Sheep-Associated Malignant Catarrhal Fever (SA-MCF) Outbreak in Beef Cattle. *Transboundary and Emerging Diseases*, doi:10.1111/tbed.12005.
15. Mustafa. MK. Ababneh, **Abd Elhafeed Dalab**, Saad. R. Alsaad, Mohammad. B. Al Zghoul, Mohammad Q. Al-Natour (2012). Molecular Characterization of a Recent Newcastle Disease Virus Outbreak in Jordan. *Research in Veterinary Science*, 93(3), 1512–1514.
16. Mustafa. MK. Ababneh, **Abd Elhafeed Dalab**, Saad. R. Alsaad, Mohammad. B. Al Zghoul (2012). Presence of Infectious Bronchitis Virus Strain CK/CH/LDL/97I in the Middle East. *ISRN Veterinary Science*, doi:10.5402/2012/201721.
17. Salameh Barhoom, **Abd Elhafeed Dalab**, (2012): Molecular Diagnosis of Explosive Outbreak of Infectious Laryngotracheitis(ILT) by Polymerase Chain Reaction in Palestine, *The Iraqi Journal of Veterinary Medicine*, 36 (2), 104-109.

Journal Papers in Review

1. **Abdelhafeed S. Dalab**, Abdelhay M. Ali, Thnaian A. Althnaian, Khalid M. Alkhodair, Saeed Y. Al-Ramadan “Molecular Investigations of The Effect of Thermal Manipulation During Embryogenesis on Enzymatic Activity of Creatine Kinase (CK) and Lactate Dehydrogenase (LDH) in Broiler Muscle” Submitted to: Brazilian Journal of Poultry Science. RBCA-2020-1369. R2
2. Abdelhay M. Ali, **Abdelhafeed S. Dalab**, Thnaian A. Althnaian, Khalid M. Alkhodair, Saeed Y. Al-Ramadan “Molecular Investigations of the Effect of Thermal Manipulation during Embryogenesis on Muscle Heat Shock Protein 70 and Thermotolerance in Broiler Chicken” Submitted to: Brazilian Journal of Animal Science. RBZ-2021-0011.R1.
3. **Abdelhafeed S. Dalab**, Abdelhay M. Ali, Thnaian A. Althnaian, Khalid M. Alkhodair, Saeed Y. Al-Ramadan “Molecular and Ultrastructural Investigations of the Effect of Thermal Manipulation during Embryogenesis on Pectoral and Thigh Muscles Growth Factors in Broilers” Submitted to: Applied Poultry Research. JAPR-D-20-00205.
4. **Abdelhafeed S. Dalab**, Abdelhay M. Ali, Saeed Y. Al-Ramadan “Molecular Investigations of the Effect of Thermal Manipulation During Broiler Embryogenesis on Myogenic Upstream Activation Factors” Submitted to: Thai Journal of Veterinary Medicine. tjvm-2020-0273.R1.
5. **Abdelhafeed S. Dalab**, Abdelhay M. Ali, Thnaian A. Althnaian “Molecular Investigations of the Effect of Thermal Manipulation During Broiler Embryogenesis on Myogenic Regulatory Factors” Submitted to: The Indian Journal of Animal Sciences.

Conference Papers

1. **Abd Elhafeed Dalab** (2019). Molecular and Morphological Investigations of the Effect of Thermal Manipulation during Embryogenesis on Thermo-tolerance and Muscle Structure in Broilers. Proceedings of the “14th Global Summit on Veterinary and Animal Sciences, Sydney, Australia, 12-13 September 2019.
2. **Abd Elhafeed Dalab** (2017). Determination of the optimum temperature of thermal manipulation that will result in improve body performance and thermotolerance. Proceedings of the **32nd meeting** of Saudi biological society: Human and environment development in vision 2030, Makkah al-Mukarramah, Saudi Arabia 18-20 April 2017.
3. Salameh Barhoom, **Abd Elhafeed Dalab**, Zain Ala'beden Abu Alwafa (2008):An Outbreak of Toxoplasmosis in Adult Goats, Proceedings of the Middle East & North Africa (MENA) Region Animal Wealth Research Conference. Future of animal wealth, Cairo International Convention Center, Egypt, 16-18 October, 2008 pp. 1-6.
4. Salameh Barhoom, **Abd Elhafeed Dalab** (2008): Clinico-Pathological and Control Studies of Mange caused by Sarcoptes Scabie in Tulkarem Governorate, Proceedings of the Middle East & North Africa (MENA) Region Animal Wealth Research Conference. Future of animal wealth, Cairo International Convention Center, Egypt, 16-18 October, 2008 pp. 40-46.

Genbank submission

- Abdulhafeed S. Dalab and Abdelhay M. Ali., (2019). Submission of Hsp70 nucleotide sequences data to GenBank under accession numbers:
 1. MK852579.1 & QCO90626.1
 2. MK852580.1 & QCO90627.1
 3. MK883213.1 & QCO90628.1

PROFESSIONAL AFFILIATIONS

Jordan Veterinary Association, 2009-Present

COMMUNITY SERVICE

Collage of Veterinary Medicine, King Faisal University, Participation in the Saudi Arabian project for the utilization of meat of slaughtered animals during the pilgrimage event./Supervisor /Meat Inspection, Makkah Al Mukarramah, 2012-2019

LANGUAGES

Arabic: Native Language

English: Advanced Reading and Writing, Excellent Listener and Speaker

COMPUTER SKILLS

Excellent Computer, Internet& Social media skills.

Programming: CLC Genomics Workbench 12.

OTHER

- Ability to work under pressure.
- Proficient team worker.
- Excellent grants, reports and manuscripts writing skills.
- Valid driver's license.
- Diligent researcher.

Hobbies: Reading, learning languages, Internet & Sports.

REFERENCES

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