



Adnan Fayyad

Date of birth: 02/05/1982 | **Nationality:** Palestinian (Autonomous Palestinian Territories) |

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Address: An-Najah National University (Department of Veterinary Medicine),
P.O. Box: 7, Nablus, Autonomous Palestinian Territories (Work)

WORK EXPERIENCE

01/2017 – CURRENT Autonomous Palestinian Territories

ASSISTANT PROFESSOR IN VETERINARY PATHOLOGY AN-NAJAH NATIONAL UNIVERSITY

01/09/2024 – CURRENT Nablus, Autonomous Palestinian Territories

HEAD OF VETERINARY DEPARTMENT AN-NAJAH NATIONAL UNIVERSITY

25/07/2023 – 15/08/2024 Hannover, Germany

RESEARCH SCIENTIST TIERÄRZTLICHE HOCHSCHULE HANNOVER

Investigation of spontaneous cases of diseases with suspected viral etiology

01/09/2019 – 15/01/2022 Autonomous Palestinian Territories

HEAD OF VETERINARY DEPARTMENT AN-NAJAH NATIONAL UNIVERSITY

09/2008 – 07/2012 Autonomous Palestinian Territories

INSTRUCTOR IN VETERINARY PATHOLOGY AN-NAJAH NATIONAL UNIVERSITY

08/2005 – 08/2006 Autonomous Palestinian Territories

RESEARCH AND TEACHING ASSISTANT AN-NAJAH NATIONAL UNIVERSITY

EDUCATION AND TRAINING

04/2013 – 12/2016 Hannover, Germany

DOCTOR OF VETERINARY MEDICINE (DR. MED. VET.) DAAD-Scholarship performed at Department of Veterinary Pathology-Tierärztliche Hochschule Hannover

Thesis Title: Comparative evaluation of the tumor microenvironment in spontaneous canine histiocytic sarcomas and a canine histiocytic sarcoma xenotransplantation model **submitted as doctoral thesis (supervisor: Prof. Dr. W. Baumgärtner)**

Address Tierärztliche Hochschule Hannover, Hannover, Germany | **National classification** Very Good (magna cum laude)

04/2013 – 12/2016 Hannover, Germany

VETERINARY ANATOMIC PATHOLOGY RESIDENCY PROGRAMME WITH TRAINING TOWARDS THE EUROPEAN COLLEGE OF VETERINARY PATHOLOGY (ECVP) BOARD Department of Veterinary Pathology at the Tierärztliche Hochschule Hannover

Address Tierärztliche Hochschule Hannover, Hannover, Germany

09/2006 – 08/2008 Irbid, Jordan

MASTER OF VETERINARY PATHOLOGY An-Najah Board of Trustees-Scholarship performed at Department of Pathology- JUST

Thesis title: A molecular and pathological diagnostic study of *mycobacterium avium subsp. paratuberculosis* in small ruminants, cattle and camels in Jordan and it's application in controlling the disease **submitted as master thesis (supervisor: Prof. Dr. N. Hailat)**

Address Jordan University of Science and Technology, Irbid, Jordan | **Final grade** Excellent

09/2000 – 06/2005 Nablus, Autonomous Palestinian Territories

BACHELOR OF VETERINARY MEDICINE AND SURGERY An-Najah National University

Address An-Najah National University, Nablus, Autonomous Palestinian Territories | **Final grade** Very Good

LANGUAGE SKILLS

Mother tongue(s): **ARABIC**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C2	C2
GERMAN	B2	B2	B2	B2	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

PUBLICATIONS

Publications

1. Hailat, N., **Fayyad, A.**, Ababneh, M., Hananeh, W., Rezig, F. E., & Jaradat, S. (2012). PCR-restriction endonuclease analysis of *Mycobacterium avium* subsp. *paratuberculosis* isolates from goats, sheep, and cattle in Jordan. *Comparative Clinical Pathology*, **21**(5), 755–760.
2. **Fayyad, A.**, Kummerfeld, M., Davina, I., Wohlsein, P., Beineke, A., Baumgärtner, W., & Puff, C. (2016). Fatal systemic *Toxoplasma gondii* infection in a red squirrel (*Sciurus vulgaris*), a Swinhoe's striped squirrel (*Tamias swinhoei*), and a New World porcupine (*Erethizontidae* sp.). *Journal of Comparative Pathology*, **154**(2–3), 263–267.
3. **Fayyad, A.**, Lapp, S., Risha, E., Pfankuche, V. M., Rohn, K., Barthel, Y., Schaudien, D., Baumgärtner, W., & Puff, C. (2018). Matrix metalloproteinases expression in spontaneous canine histiocytic sarcomas and its xenograft model. *Veterinary Immunology and Immunopathology*, **198**, 54–64.
4. **Fayyad, A.**, Jalboush, N., Alzuheir, I., Abu Helal, B., & Manasrah, M. (2019). Detection of rabies virus-specific antibody in stray dogs in Palestine. *The Thai Journal of Veterinary Medicine*, **49**(3), 289–293.
5. **Fayyad, A.**, Alzuheir, I., & Jalboush, N. (2020). A molecular and pathological study of peste des petits ruminants virus (PPRV) from field outbreaks in Palestine (2017–2019). *Transboundary and Emerging Diseases*, **00**, 1–7.
6. Alzuheir, I., Jalboush, N., **Fayyad, A.**, & Manassra, M. (2020). Sequence and phylogenetic analysis of the VP1 segment of chicken infectious anemia virus (CIAV) during an outbreak in Palestine. *The Thai Journal of Veterinary Medicine*, **50**(2), 219–225.
7. Armando, F., **Fayyad, A.**, Arms, S., Barthel, Y., Schaudien, D., Rohn, K., Gambini, M., Lombardo, M. S., Beineke, A., Baumgärtner, W., & Puff, C. (2021). Intratumoral canine distemper virus infection inhibits tumor growth by modulation of the tumor microenvironment in a murine xenograft model of canine histiocytic sarcoma. *International Journal of Molecular Sciences*, **22**(7), 3578.

Publications

8. Alzuheir, I. M., Jalboush, N. H., **Fayyad, A. F.**, & Daibes, R. A. (2021). Phylogenetic analysis and pathological characterization of fowl adenovirus isolated during an inclusion body hepatitis outbreak in Tubas, Palestine. *Veterinary Research Forum*, **12**(4), 511–514.

9. Alzuheir, I., Helal, B. A., Helal, M. A., **Fayyad, A.**, & Jalboush, N. (2022). No evidence of Rift Valley fever antibodies in veterinarians and sheep in Northern Palestine. *Veterinary World*, **15**(8), 1990–1995.
10. Zaazaa, A., Mudalal, S., Alzuheir, I., Samara, M., Jalboush, N., **Fayyad, A.**, & Petracci, M. (2022). The impact of thyme and oregano essential oils dietary supplementation on broiler health, growth performance, and prevalence of growth-related breast muscle abnormalities. *Animals*, **12**, 3065.
11. Thabet, A. M., Alzuheir, I. M., **Fayyad, A. F.**, Kheimar, A. M., & Jalboush, N. H. (2023). Occurrence and phylogenetic analysis of fowl adenovirus E in broiler flocks from Gaza Strip, Palestine. *Journal of Infectious Developing Countries*, **17**(4), 565–570.
12. Thabet, A. M., Alzuheir, I. M., Laham, N. A. A., Helal, B. Y. A., **Fayyad, A. F.**, Jalboush, N. H., & Gharaibeh, M. H. (2023). First report of mobile colistin resistance gene mcr-1 in avian pathogenic *Escherichia coli* isolated from turkeys in the Gaza Strip, Palestine. *Veterinary World*, **16**(6), 1260–1265.
13. **Fayyad, A. F.**, & Alzuheir, I. M. (2023). Pathological detection of nutritional muscular dystrophy in dromedary camel calves in Palestine. *Iraqi Journal of Veterinary Sciences*, **37**(4), 943–947.
14. Zaazaa, A., Mudalal, S., Sabbah, M., **Fayyad, A.**, & Omar, J. A. (2023). Influence of cage density and hen age on performance and egg quality in traditional systems. *Brazilian Journal of Poultry Science*, **25**, 001–008.
15. Alzuheir, I. M., **Fayyad, A. F.**, Abu Helal, B. Y., Atalla, H. A., & Jalboush, N. H. (2024). Detection of canine parvovirus type 2c (CPV-2c) in Palestine. *Journal of Infectious Developing Countries*, **18**(5), 809–816.
16. **Fayyad, A. F.**, & Alzuheir, I. M. (2024). Peste des petits ruminants: Past, present, and future scope. *Journal of Infectious Developing Countries*, **18**, 1837–1845.
17. Mirolo, M., de le Roi, M., von Dörnberg, K., Kaiser, F., **Fayyad, A.**, Puff, C., et al. (2024). Umatilla virus in zoo-dwelling Cape penguins with hepatitis, Germany. *Emerging Infectious Diseases*, **30**(12), 2643–2646.
18. de le Roi, M., Gerhards, H., **Fayyad, A.**, Boelke, M., Becker, S. C., Volz, A., Gerhauser, I., Baumgärtner, W., & Puff, C. (2025). Evaluating the potential of anti-dsRNA antibodies as an alternative viral sensing tool in encephalitides of different species. *Frontiers in Veterinary Science*, **12**, 1540437.
19. de le Roi M., Gerhards H., **Fayyad A.**, Boelke M., Becker S.C., Volz A., Gerhauser I., Baumgärtner W., & Puff, C. (2025). Evaluating the potential of anti-dsRNA antibodies as an alternative viral sensing tool in encephalitides of different species. *Front. Vet. Sci.* **12**, 1540437.
20. de le Roi, M., Nägler, I., Rubbenstroth, D., Beer, M., Höper, D., Barth, S. A., **Fayyad, A.**, Puff, C., Baumgärtner, W., & Wohlsein, P. (2025). Retrospective analysis of an outbreak of neuroinflammatory and neurodegenerative co-morbidities in captive lions in the early 1970s. *Veterinary Pathology*. (Accepted).

● PROJECTS

Projects

1. **Isolation, Characterization and antimicrobial susceptibility of *Pasteurella multocida* and *Mannheimia haemolytica* from pneumonic infection in sheep and goat in northern Palestine.** Funded by the Federation of Arab Universities support for Palestinian universities (2013).
2. **An Epidemiological and Pathological Investigation of Rabies in Palestine.** Funded by Palestinian Ministry of Education and Higher Education (2018) - (Project code = ANN-MoHE-1819-Sc018).

● SCHOLARSHIPS

Scholarships

1. An-Najah Board of Trustees scholarship (Master Program) 2006-2008.
2. DAAD scholarship (Doctoral Program) 2012-2016.
3. Zamala fellowship program (Research grant) 2018.
4. DAAD scholarship (Re-invitation Program) 2019.