



Ramzi Abdulghafoor Abood Al-Agele

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PERSONAL PROFILE

I am a researcher who is both passionate and dedicated to the work that I do. I can work well on my own and thoroughly love taking on new challenges. I am also a self-motivated researcher who, as a result of my experiences in teaching and other scholarly endeavors, is in a position to contribute to the shaping of the future of the students who will come after me. I am a bright, committed, and creative individual who holds the potential to engage with students as a member of a productive team that is already in place. One of my areas of expertise is conducting research using strategies that are relevant to the needs of the study and that engage students in the process of developing their knowledge. Throughout my career, I have accumulated experience in teaching using a range of methods, such as online learning, tutorials, lectures, seminars, hands-on demonstrations, and fieldwork. I am quite experienced in liaising with educational establishments such as universities and colleges, as well as the organizations that work in conjunction with them. At this point in my professional life, I am interested in joining a company or organization that places a high priority on diversity and works hard to make the workplace more just and equitable for its employees as well as its students.

RESEARCH

The embryological development, mature, and old stages of a diverse range of species are the primary focus of my overarching study interests. My research interests include not only diseases that occur naturally but also those that are induced, acquired, or both. The primary objective of this research is to gain a deeper understanding of the molecular pathways that are responsible for both healthy and unhealthy states of being.

EDUCATION

1. Ph.D. in Veterinary Medicine and Science - The University of Nottingham, 2014-2018.
2. Master's Science degree in Veterinary Medicine - Anatomy and Histology - September 2010.
3. High Diploma degree in Veterinary Medicine - October 2002.
4. Bachelor of Science degree in Veterinary Medicine and Surgery – June 2000.

EMPLOYMENT

- 2006-2013 Lecturer at the Department of Anatomy, College of Veterinary Medicine
University of Diyala, Iraq.
- 2013-2018 Doing my Ph.D. at the School of Veterinary Medicine and Science/
The University of Nottingham.
- 2018-Present Asst. Prof. Dr. at the Department of Anatomy, College of Veterinary Medicine
University of Diyala, Iraq.

TEACHING

From 2006 To 2010/ Laboratory Instructor/Department of Anatomy-College of
Veterinary Medicine, University of Diyala, Iraq.

From 2010 To 2012 and till now/Assist. Lecturer/ Department of Anatomy-
College of Veterinary Medicine, University of Diyala, Iraq.

SUPERVISION OF UNDERGRADUATE/ GRADUATE STUDENTS

- 2009-2013 5th Year Project in the College of Veterinary Medicine
University of Diyala, Iraq.
- 2014-2018 Doing my Ph.D. at the School of Veterinary Medicine and
Science/ The University of Nottingham.
- 2016-2017 3rd Year Project in Veterinary Medicine and Science –
The University of Nottingham.
- 2018- Present 5th Year Project in the College of Veterinary Medicine
University of Diyala, Iraq.
- 2022-Present MSc Project in the College of Veterinary Medicine
University of Diyala, Iraq.

Websites & Social links

- <https://orcid.org/0000-0003-0699-3261%3C/a%3E%3C/div%3E>
- https://www.researchgate.net/profile/Ramzi_Al-Agele
- <https://scholar.google.co.uk/citations?user=jOUEyxEAAA&hl=en>
- <https://www.scopus.com/authid/detail.uri?authorId=57209599565>
- <https://publons.com/researcher/E-6704-2019>

KEY SKILLS, TRAINING, AND EXPERTISE**Technical:**

- Molecular Biology: DNA and RNA extraction, reverse transcription, qPCR, gel electrophoresis analysis.
- Western Blot.
- Immunofluorescence and immunohistochemistry
- GraphPad Prism.
- Stem cell culture and differentiation
- Statistical software SPSS.
- Anatomical dissection for small, and large animals
- Surgical operation for large and small animals

Obligations Regarding Education:

- Ensuring that predetermined learning goals are achieved through the utilization of a wide range of instructional and evaluative strategies.
- Bringing the quality of education up to the maximum achievable level.
- Providing feedback to students after grading and analyzing their assignments and marking them.
- Providing students with first-line support and mentoring while acting in the capacity of a personal tutor.
- Ensuring that the development of the module and its delivery adhere to the quality standards and guidelines established by the university.
- Students are to be given feedback that is both constructive and developing.
- Developing an engaging atmosphere for academic pursuits.
- Serving as a single point of contact for all communications with students, both incoming and outgoing.
- Create applications and proposals to submit to external entities to secure funding for accrediting purposes.
- Collaborating with other coworkers on the development of the module designs.
- Developing and directing different types of research projects.
- Obtaining comments and suggestions from students regarding their educational experience.
- Taking responsibility for supervising the work of research workers and MSc/Ph.D. students.
- Performing any additional responsibilities that are appropriate for the position and may be allocated by the Head of the Department.

REFEREES

- Assoc. Prof Cyril Rauch Associate Professor in Physical and Mathematical,
Faculty of Medicine & Health Science
School of Veterinary Medicine and Science,
The University of Nottingham,
Sutton Bonington,
Loughborough, UK, LE12 5RD
Tel: 0115 951 6451
Email: cyril.rauch@nottingham.ac.uk
- Assoc. Prof Catrin Rutland Associate Professor of Anatomy and Developmental Genetics
Faculty of Medicine & Health Science
School of Veterinary Medicine and Science
The University of Nottingham
Sutton Bonington,
Loughborough, UK LE12 5RD
Tel: 0115 951 6573
Email: catrin.rutland@nottingham.ac.uk

PUBLICATIONS/ PRESENTATIONS /CONFERENCES

1. **Al-Agele** Ramzi, Emily Paul, Catrin Rutland and Cyril Rauch. An investigation of causes and outcomes of hoof growth rate and their relation to equine hoof conformation. 8th Meeting of Young Generation of Veterinary Anatomists (YGVA), Poznan, Poland 15th – 17th July 2015.
2. **Al-Agele** Ramzi. Physical biology of equine hoof growth. Early Careers Presentation Day; Oral Presentation, in Veterinary Medicine and Science; 15th of December 2015.
3. **Al-Agele** Ramzi, Catrin Rutland and Cyril Rauch. An evaluation of equine cultured keratinocyte differentiation under hypoxic and normoxic conditions and related gene expression. Proceedings of the 31st Conference of the European Association of Veterinary Anatomists Vienna, Austria 27th -30th July 2016.
4. **Al-Ajeely** RA, Mohammed FS. Morpho-histological study on the development of kidney and ureter in hatching and adulthood racing pigeon (*Columba livia domestica*). Int J Sci Nature. 2012;3:665-77.
5. **Al-Agele** RA, Mohammed FS. Architecture morphology and histological investigations of pancreas in golden eagles (*Aquila chrysaetos*). Al-Anbar Journal of Veterinary Sciences. 2012;5(2):149-55.
6. **Al-Agele** R, Paul E, Taylor S, Watson C, Sturrock C, Drakopoulos M, Atwood RC, Rutland CS, Menzies-Gow N, Knowles E, Elliott J. Physics of animal health: on the mechano-biology of hoof growth and form. Journal of the Royal Society Interface. 2019 Jun 26;16(155):20190214.

7. Karim S. Al-Ajeeli¹, Amer K. Al-azawy² and Ramzi **Al-Ajeeli**³. Isolation of Pigeonpox Virus from Severe Infection of Pigeons in Diyala province: Virological and Histopathological Study. *The Iraqi Journal of Veterinary Medicine* (ISSN-P: 1609-5693 ISSN-E: 2410-7409). 2015 Dec 24;39(2):72-8.
8. **Al-Agele** Ramzi. Study the Anatomical Descriptions and Histological Observations of the Kidney in Golden Eagles (*Aquila Chrysaetos*) *The Iraqi Journal of Veterinary Medicine*.
9. **Al-Agele** Ramzi, A.A., The Study of Histological Observations of Ovine Claw Coronary Region and the Architecture Morphology of Arterial Anastomosis of This Area. *Atatürk Üniversitesi Veteriner Bilimleri Dergisi*, 15(1), pp.14-21.
10. Al-Ubaidy, A.A.H., Jabbar, A.I. and **Al-Agele, R.A.A.**, 2020. Morphometric comparative study of scapula as example of shoulder girdle and os coxa as example of pelvic girdle in hare and domesticated rabbit. *Eurasian Journal of Biosciences*, 14(2), pp.5093-5095.
11. Jabbar, A.I., **Al-Agele, R.A.A.** and Al Ubaidy, A.A.H., 2020. Histomorphological study of the male genital system in the long eared hedgehog *Hemiechinus aurtus*. *EurAsian Journal of BioSciences*, 14, pp.6657-6663.
12. Jabbar, A.I., Alshammary, H.K.A. and **Al-Agele, R.A.A.**, 2021. Histomorphological comparative study of the adrenal glands in local Guinea Fowl (*Numida Meleagris*) and Muscovy duck (*Cairina Moschata Domestica*). *Annals of the Romanian Society for Cell Biology*, pp.4360-4369.
13. **Al-Agele, R.A.A.**, Jabbar, A.I. and Ibrahim, R.S., 2020. Gross and histological investigations on the cecum of the black-crowned night heron (*Nycticorax nycticorax*). *Systematic Reviews in Pharmacy*, 11(10), pp.1013-1017.
14. **Al-Agele, R.A.**, Rutland, C. and Rauch, C., 2018. MORPHO-HISTOLOGICAL STRUCTURE STUDY OF EQUINE HOOF CORONARY DERMAL PAPILLAE. *Diyala Agricultural Sciences Journal*, 10(special Issue), pp.47-60.
15. Ibrahim R S, Alshammary, H.K.A. and **Al-Agele, R.A.A.**, 2022. Anatomical and histological study of the kidney in three Iraqi local birds: The pin-tailed Sandgrouse bird (*Pterocles alchata caudatus*), mature moorhen bird (*Gallinula chloropus*) and Turkey (*Meleagris gallopavo*), *Biochem. Cell. Arch.* 22, 1,.
16. **Al-Agele, R.A.A** Jabbar, A.I. and Al-Ubaidy, A.A.H., 2021. Study on morphohistological observations of the islets of langerhans in the pancreas of common wood pigeon *columba palumbus*, *Biochem. Cell. Arch. Vol. 21, 1, 1165-1170*.

BOOKS

Ramzi Al-Agele, Emily Paul, Valentina Kubale Dvojmoc, Craig J. Sturrock, Cyril Rauch and Catrin Sian Rutland (2019). *Veterinary Anatomy and Physiology. The Anatomy, Histology and Physiology of the Healthy and Lamé Equine Hoof*, IntechOpen.

ADMINISTRATIVE / ORGANISATIONAL EXPERIENCE

- Member of The European Association of Veterinary Anatomy (2016-2018).
- Lecturer at the University of Diyala, College of Veterinary Medicine, Iraq.