

Zeravan Abdulrazaq Mohammed, M.S.c, P.h.D
Reproductive ,Endocrinology and Theriogenology
College of Veterinary and Medicine, University of Duhok
Duhok, Kurdistan Regional Government
Mobile No.+9647504737917
e-mail: zeravantovi@gmail.com
zeravan.mohammed@uod.ac



EDUCATION

- 2012-2016** **Doctor of philosophy**, The University of Nottingham, Nottingham, United Kingdom. *Specialized of molecular reproductive biology, and endocrinology, Theriogenology*
- 2008-2010** **Master of veterinary Histology**, The university of Duhok, Duhok, Kurdistan region of Iraq. *Specialized of Anatomy, Histology and radiology on the liver and gallbladder.*
- 2000-2005** **Bachelor of veterinary medicine and surgery**, College of veterinary medicine, University of Duhok, Duhok, Kurdistan region of Iraq.

CURRENT POSITION

- 1- Vice Dean college of Veterinary medicine
- 2- Head of department of Theriogenology, Anatomy and Physiology
(<http://web.uod.ac/ac/c/cvm/departments/obstetric-physiology-and-anatomy/>)
- 3- Lecturer, scientific researcher

PAPERS PUBLICATION

- 1- Detrimental effects of uterine disease and lipopolysaccharide on luteal angiogenesis** (DOI: <https://doi.org/10.1530/JOE-19-0443>). **Journal of Endocrinology**, Accepted Manuscript.
- 2- Impact of endometritis on post-partum ovarian cyclicity in dairy cows** (DOI: <https://doi.org/10.1016/j.tvjl.2019.03.008>), The Veterinary Journal Volume 248, June 2019, Pages 8-13.
- 3- Molecular identification and phylogenetic analysis of theileria equi and babesia caballi infections in equids from Erbil Province, North of Iraq.** (DOI | <http://dx.doi.org/10.17582/journal.aavs/2019/7.12.1060.1066>), Advances in Animal and Veterinary Sciences.
- 4- Association between clinical and subclinical mastitis and reproductive performance of cows at Nottingham dairy centre**
(DOI: 10.33899/ijvs.2020.126843.1398; Iraqi Journal of Veterinary Sciences, Vol. 35, No. 2, 2021 (343-350))
- 5- A study of pathological abnormalities of genitalia in ewes in Duhok, Iraq** (DOI: 10.33899/ijvs.2020.126939.1421, Iraqi Journal of Veterinary Sciences, Vol. 35, No. 3, 2021 (421-427))
- 6- Histological and Biometrical Study of The Adult Local Bull Testis in Duhok Province** (BASRAH JOURNAL OF VETERINARY RESEARCH, 2022, 21(1):23-37)

DOCTORAL (PhD) THESIS

Title Mechanisms of fertility failure in high yielding reproduction of dairy cows
(<http://eprints.nottingham.ac.uk/37350/>).

Supervisors Associated Professor George Mann and Associated professor Bob Robinson

EXPERIENCE

- 1- Clinician (Teaching year 4 and 5 students at college of veterinary medicine, Duhok University).
- 2- Teaching Fertility subject (year 4 students at college of veterinary medicine, Duhok University).
- 3- Assistant Professor at college of veterinary medicine and surgery, department of obstetrics and fertility. Duhok University, Kurdistan Regional Government, Iraq
- 4- Lecturer at college of veterinary medicine and surgery, department of obstetrics and fertility. Duhok University, Kurdistan Regional Government, Iraq.
- 5- Demonstrated at animal science, School of Bioscience. Nottingham University, UK. 2013-2016.
- 6- Developed spreadsheet data organization, reproductive performance data analysis. Ovarian activity and uterine tract characters and molecular cell biology. Nottingham University, UK. 2012-2016.
- 7- Assistant lecturer at college of veterinary medicine and surgery, department of obstetrics and fertility. Duhok University, KRG, Iraq. 2008-2011.
- 8- Presentation as veterinarian and demonstrator at College of Veterinary Medicine, Gynecological clinician at veterinary surgery hospital in Duhok University, KRG, Iraq. 2005-2008.

COMPUTER SKILLS

Excel, power point, word, Photoshop
Endnote
ImagJ, Image pro-plus
Prime express (primer and probe design)
Statistic software
GenStat, Minitab, Graph prism

TECHNIQUES

Cell culture
ELISA
Histology, Immunohistochemistry, Immunofluorescent
Primer - probe design
PCR, qRT-PCR, Multiplex PCR
Western Blot

LANGUAGE

Kurdish Mather language
English Very good
Arabic Very good

CONFERENCES

Oral presentation

- 1- 22nd June 2015, Nottingham Cattle Fertility Conference (Sutton Bonington Campus, LE12 5RD). **Impact of uterine disease on luteal function.**
- 2- 11th-13th June 2016, Society of Reproduction and fertility Annual Conference. University of Winchester. **Post-partum endometritis: its negative impact on luteal vascularisation, progesterone content and steroidogenic enzyme expression in the cow.**
- 3- 3rd-6th January 2018, Fertility Conference in ACC Liverpool. **The association between endometritis and subsequent ovarian activity in dairy cows during post-partum period**
- 4- 8-11th September 2019, 4th International Conference on Endometritis in Cows and Mares and joint Polish-Japanese Seminar, Warsaw, Poland. **The association between endometritis and ovarian activity in dairy cows during post-partum period.**

Poster presentation

- 1- Fertility 2019 conference. ICC Birmingham. UK 03-05 January 2019. **The Effects of (*E.coli*) LPS on the luteal angiogenesis and progesterone production in vitro.**
- 2- International Conference On Biology And Pathology Of Reproduction In Domestic Animals September 28th-30th, 2015 Gdańsk, Poland.. ***E.coli* lipopolysaccharide (LPS) adversely affects bovine luteal endothelial cell network formation and survival in vitro but has no effect on progesterone production.**
- 3- Society for Reproduction and Fertility Annual Conference. Oxford, UK. 20-22 July 2015. **The effect of metritis. The association between uterine disease and subsequent reproductive performance in commercial UK dairy herds.**
- 4- Society for Reproduction and Fertility Annual Conference. Oxford, UK. 20-22 July 2015. **The effect of *E.coli* lipopolysaccharide (LPS) on bovine luteal endothelial cell network formation and steroidogenesis *in vitro*.**

Conference attended

- 1-Fertility 2023 conference. Belfsat north Ireland. UK 10-13 January 2023.
- 2-Fertility 2019 conference. EICC Edinburgh. UK 08-11 January 2020
- 3-Fertility 2019 conference. ICC Birmingham. UK 03-05 January 2019
- 4-Fertility 2018 conference. Liverpool. UK 03-06 January 2018
- 5-2ndInternational Conference On Biology and Pathology of Reproduction In Domestic Animals September 28th-30th, 2015
- 6-7th Annual Nottingham feed conference. Nottingham, UK 23-24 June 2015
- 7-Cattel fertility conference. Nottingham, UK. 22 June 2015
- 8-6th Annual Nottingham feed conference. Nottingham, UK 24-25 June 2014
- 9-Kurdistan students' conference in Nottingham. Nottingham, UK.15 Sept 2014
- 10-Cattel fertility conference. Nottingham, UK. 23 June 2014
- 11-5th Annual Nottingham feed conference. Nottingham, UK 25-26 June 2013
- 12-Cattel fertility conference. Nottingham, UK. 24th June 2013.

POST GRADUATE TRAINING

1. Cell culture, ELISA, Primer and probe design, Conventional PCR, qRT-PCR and Enzyme activity, and western blot Report to Assist.Prof. Dr. George Mann and Assist.Prof. Dr.Bob Robinson University of Nottingham, Nottingham, England, UK (2013 – 2016).
2. Demonstration at the school of biosciences, animal department, at the University of Nottingham, United Kingdom (2014 – 2016).
3. Microsoft excel, more function of excel, creating poster in power point, advance Microsoft word, Creating large document. Reported to the professor Jeremy Roberts, Dean of the graduate school, Nottingham University, Nottingham, UK (2012-2015).
4. Attended course of post-genomic and bioinformatics, Nottingham University, 2015.
5. Immunohistochemistry and Immunofluorescent. Report to Assist.Prof Dr. Bob Robinson, University of Nottingham, Nottingham, England, UK (2012 – 2014)
6. Post Graduate Statistical Analysis Module. Report to School of Bioscience, University of Nottingham, Nottingham, England, UK (2012–2013)
7. General English as a Foreign Language and CELE preparatory English course. Reported to the South Nottingham College and Nottingham University, England, UK (2011-2012)
8. Methods of Teaching (90 Hours). Reported to the Culture center of Duhok University. University of Duhok, KRG (2009)
9. Director of administration at Hevi pediatric teaching hospital in Duhok city for 5 years since 2005.

MEDICAL AND SCIENTIFIC SOCIETIES

2004 Society of veterinarian, KRG
2012 Society for Reproductive and Fertility, ID is 373, UK
2019 Endocrine society ID.496505, Washington

PERSONAL DATA

Title: Doctor
Scientific Degree: Assistant Professor
Gender: Male
Date of birth: 08/04/1979
Place of birth: Duhok, KRG, Iraq
Marital status: Married
Name of Institution: University of Duhok
Address: Shindokha AL-Shargyia, Duhok, 42001