**Bayar Kabeer Zeebaree, M.Sc., Ph.D.**

***Reproductive and Theriogenology***

College of Veterinary Medicine, University of Duhok

Duhok, Kurdistan Region of Iraq

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**EDUCATION**

2012-2016

**Doctor of philosophy**, The University of Nottingham, United Kingdom. *Specialized of*

*molecular reproductive biology and endocrinology.*

2006-2008

1998-2003

**Master of Theriogenology**, The University of Duhok, Kurdistan region of Iraq.

*Specialized of Histopathology of reproductive, Theriogenology*.

**Bachelor of veterinary medicine and surgery**, College of veterinary medicine,

University of Duhok, Kurdistan region of Iraq.

**DOCTORAL (PhD) THESIS**

Tittle

Mechanisms of seasonal reproduction of cattle

Supervisors

Co supervisors

Professor Kevin Sinclair and Associated professor George Mann.

Professor Gutierrez Carlos.

Describe: The thesis explored;

***in vivo***; the seasonal and temperature effect on reproductive performance and follicular

development in temperate climate region.

***In vitro***, cell differentiation and proliferation conditioned by oxygen tension. The results strongly

support the need to consider oxygen concentration on cell culture, especially, when investigating

the impact of stress on ovarian function. Temperature interact with melatonin to effect granulosa

cells functions under physiological oxygen tension.

**MASTER (MSc) THESIS**

Title

Histological and pathological study on genital tubule of sheep in Awassi Iraq sheep.

Assistant professor Jabbar Basha

Supervisor

Description:

The thesis explored histological changes of reproductive tubules during season of the

year and histo-pathological study on genital reproductive tract.

**EXPERIENCE**

**\***Teaching molecular techniques and cells culture, for postgraduate students at Vet. College 2019-

**\*** Lecturer and clinician (Teaching and training year 4 -5 students “fertility and obstetric subjects” at

Vet. College, Duhok Uni.), 2017-

\*Demonstrated at animal science, School of Bioscience. Nottingham University, UK. 2015-2016

\*Developed spreadsheet data and organization, reproductive performance date analysis. Ovarian characters

and molecular cell biology. Nottingham University, UK. 2012-2016

\*Assistant lecturer at college of veterinary medicine and surgery, Duhok University, KRG, Iraq. 2008-2011

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\*Presentation as veterinarian and demonstrator at College of Veterinary Medicine, Gynecological clinician

at veterinary surgery hospital in Duhok University, KRG, Iraq. 2003-2008

**RESPONSIBILITY**

Head of surgery and medicine department 2020-

Head of scientific affairs at Vet. College 2018-2020

Head of undergraduate examination committee at Vet. College 2018-2019

Member of postgraduate examination committee and Duhok research center 2019-2020

**COMPUTER SKILLS**

Excel, power point, word, photoshop

Endnote

Imag J

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

Enzyme activity (aromatase activity)

Proliferation assay, Oxidative assay

**LANGUAGE**

Kurdish

English

Arabic

Mother language

Very good

Very good

**PAPER PUBLICATION**

\***Physiological responses of cultured bovine granulosa cells to elevated temperatures under low and**

**high oxygen in the presence of different concentrations of melatonin.**

(DOI: [http://dx.doi.org/10.1016/j.theriogenology.2017.09.014)](http://dx.doi.org/10.1016/j.theriogenology.2017.09.014)

[\***assessment of correlation of pregnancy parameters and fetal age for ewes**](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=92mt0sMAAAAJ&citation_for_view=92mt0sMAAAAJ:qjMakFHDy7sC)

**(**DOI: [https://doi.org/10.26682/ajuod.2021.24.2.4)](https://doi.org/10.26682/ajuod.2021.24.2.4)

[**\*seroprevalence and risk factors of specific toxoplasma gondii antibody among pregnant women**](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=92mt0sMAAAAJ&citation_for_view=92mt0sMAAAAJ:IjCSPb-OGe4C)

**(**DOI: [https://doi.org/10.26682/ajuod.2020.23.2.16)](https://doi.org/10.26682/ajuod.2020.23.2.16)

**CONFERENCES**

**Oral presentation**

17th congress of the Mediterranean Federation for Health and production of Ruminants. Perugia,

Italy. 27-30 May 2009. **Histopathological studies of the genital tubular system of the local**

**Iraqi ewes in Duhok Province.**

**Poster presentation**

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Fertility 2020 conference. ICC Edinburgh. UK 09-011 January 2020. **"Is there an effect of**

**season on the fertility of UK dairy cows.**

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