

HUSSEIN Z. M. PH.D. EMBRYOLOGY

CURRICULUM VITAE

Zahida Miran Hussein



EDUCATION

- 2013 - 2017 University of **Basrah**, College of Sciences, Ph.D.
Major: Embryology
- 2008 - 2010 University of **Al-Qadisiyah** - College of Sciences, M.A.
Major: Embryology and Histology
- 1990 - 1994 **Mustansiriyah** University - College of Sciences, B.A.
Major: Biology

ACADEMIC EMPLOYMENT

- 2017- **Lecturer**, University of Al-Qadisiyah - Dentistry College
- 2013-2017 **Assistant Lecturer**, University oh Al-Qadisiyah- Dentistry
College
- 2012-2013 **Assistant Lecturer**, University oh Al-Qadisiyah- Sciences College
- 2011-2012 **Assistant Lecturer**, University oh Al-Qadisiyah- Veterinary
Medicine College
- 2003-2011 **Research Assistant**, University of Al-Qadisiyah - Veterinary
Medicine College

HONORS AND AWARDS

- 2018 **Patent**
Novel technique for inducing and treatment of diabetes mellitus and their effects on pregnant and fetuses and molecular characterization of gene expression of related genes

PUBLICATIONS

Articles:

Hussein Z. M., Al-Malaak M. K. and Al-mansour N. A. A. Study of Gene Expression (Sox17, Pax6, Insulin1, Insulin2, and Glucagon genes) during the Development of Rats Fetus (*Rattus norvegicus*) in maternal pancreas, placenta, and fetuses with induce Diabetes Mellitus and Therapeutic Role of n-butanol Celery (*Apium graveolens*) Seeds Extract. Al-Qadisiyah Medical Journal, 2018.

Hussein Z. M., Al-Malaak M. K. and Al-mansour N. A. A. Histopathological study on maternal pancreas, placenta and fetal pancreas at 18th day postgestation of streptozotocin induced maternal diabetic rats (*Rattus norvegicus*), and the effect of n-butanolic extract of celery seeds (*Apium graveolens*). Al-Qadisiyah Medical Journal, 2018.

Hussein Z.M. Histological study for Embryological development of mesonephros in chick Embryo of *Gallus gallus*. College of Science Journal of AL Qadisiya Pure Science. No 482 / 3/2/2011. (<http://iasj.net/iasj?func=article&aId=50248>).

K. A. Al-khalidi, S. A. Al-Ganimi and **Hussein Z. M.** The effect of hot water extract of fruits of *Citrullus colocynthis* and mebendazole drug in hemoglobin concentration rate and packed cell volume of mice Swissair. College of Veterinary Journal of AL Qadisiya Veterinary Science. Vol.: 5, No.: 2, (2006), Issu 1818-5746. (http://qu.edu.iq/vmjou/?page_id=322).

Thesis:

2010
Master thesis **Hussein Z. M.** Histological study for Embryological development of mesonephros and metaoephros in chick Embryo of *Gallus gallus*. University of Al-Qadisiyah College of science.

2017
Ph.D. thesis **Hussein Z. M.** Effect of celery seeds extract on the rat fetuses induced with diabetes mellitus

MANUSCRIPTS IN PREPARATION/SUBMITTED FOR REVIEW

Hussein Z. M. Effect of celery seed on egr-1 gene expression in pregnant experimental rats

Hussein Z. M. Effect of celery seed on hormonal profile in pregnant experimental rats.

TEACHING EXPERIENCE

- 2017- **Lecturer**, Medical Embryology
- 2003-2011 **Research Assistant**, Practical part of Histopathology and Histology.

TEACHING INTERESTS

Lectures: Introduction to Medical Embryology, Endocrinology, Metabolic defects and diabetes.

ADMINISTRATIVE TASKS

- 2018-** Associate Dean of the Faculty of Dentistry for Scientific Affairs
- 2017-2018** Quality Assurance and University Performance Official
- 2016- 2017** Registration Division official
- 2015-2016** Laboratory Accreditation Unit Official

SCIENTIFIC SOCIETIES AND FORUMS

Member of the Iraqi Academy of Academies

Member of the Iraqi Forum of Inventors