

Research progress: Ali Mosa Rashid Al-Yasari, Ph.D. Candidate, Endocrine Program, Rutgers, The State University of New Jersey, New Jersey, USA

Name: Ali Mosa Rashid Al-Yasari

Bachelor in Veterinary Medicine/University of Baghdad 2004

Master in Physiology/ Veterinary Medicine/University of Baghdad 2008

2009-2012 Lecturer at College of Sciences/Al-Muthanna University

2013- Lecturer at College of Vet Medicine/Director of Physiology and Pharmacology Dept

Ph.D. in Physiology and Endocrinology/ Stills going on

1.  $\beta$ -ENDORPHIN NEURONAL TRANSPLANT PROMOTES PANCREATIC FUNCTIONS IN STREPTOZOTOCIN-INDUCED DIABETIC RATS/Endocrine Pioneer Meeting/Rutgers University, New Jersey, USA, 2014
2. INVESTIGATION OF THE INFLUENCE OF STEM-CELL DERIVED B-ENDORPHIN/POMC NEURONAL TRANSPLANTS ON STZ-INDUCED DIABETES IN MALE RATS/Conference at Department of Cell Biology & Neuroscience/Rutgers, The State University of New Jersey, USA, 2014
3.  $\beta$ -ENDORPHIN NEURAL TRANSPLANT REDUCES THE PANCREATIC DAMAGE CAUSED BY STREPTOZOTOCIN IN MALE RATS/ Endocrine Pioneer Meeting/Rutgers University, New Jersey, USA, 2015
4. Transplantation of Stem Cell-Derived  $\beta$ -Endorphin Neurons in The Hypothalamus Reduces Streptozotocin's Ability to Induce Diabetes in Rats/98<sup>th</sup> Endocrine Society Meeting/Boston, Massachusetts, USA, 2016
5. The influence of gut microbiome on gastrointestinal disease/Book Chapter 4/Disorders of Gastrointestinal System and Clinical Manifestation, 2016, published at Nova.
6. Does preconception alcohol exposure have the ability to alter glucose homeostasis in the offspring?/ 9<sup>th</sup> Endocrine Pioneer Meeting/Rutgers University, New Jersey, USA, 2016.
7. Effects of beta-endorphin neuronal activation on hepatic glucose homeostasis during aging/9<sup>th</sup> Endocrine Pioneer Meeting/Rutgers University, New Jersey, USA, 2016.
8. Preconception Alcohol Drinking Alters Glucose Homeostasis and Increases Diabetes Susceptibility in the Offspring/ 99<sup>th</sup> Endocrine Society Meeting/ Orlando, Florida, USA, 2017.
9. Proopiomelanocortin neuronal transplant reduces the diabetic induced pancreatic pathologies and hyperglycemia in Streptozotocin treated male rats/unpublished paper, 2017.
10. Alcohol abuse even before pregnancy may harm offspring/ ENDO2017 News Summary.
11. The effect of drinking alcohol on the offspring glucose homeostasis./unpublished paper.
12. Awards: Featured poster award/2015, Featured poster award/2016, GSNB Conference Travel Support Award, 2016, Congratulation letter for my successful Ph.D. proposal defense from GSNB, 2016, and Featured poster award & Presidential Award nomination 2017.

13. Do Olive Leaves (*Olea europaea*) have the Ability to Lower Glucose and Cholesterol Levels in Adult Mice? International Journal of Science and Research (IJSR)ISSN (Online): 2319-7064 Index Copernicus Value (2015): 78.96 Impact Factor (2015): 6.391
14. ACTIVITY OF ASPARAGINASE, PURIFIED AND CHARACTERIZED FROM FROZEN SEEDS OF PISUM SATIVUM. International Journal of Advanced Research (IJAR) ISSN: 2320-5407 Int. J. Adv. Res. 5(3), 1188-1194.
15. Some online articles:

1. Endocrine Society: <https://www.endocrine.org/news-room/current-press-releases/alcohol-abuse-even-before-pregnancy-may-harm-offspring>
2. The Telegraph: <http://www.telegraph.co.uk/science/2017/04/02/binge-drinking-pregnancy-increases-risk-diabetes-babies-study/>
3. Diabetes.co.uk: <http://www.diabetes.co.uk/forum/threads/binge-drinking-before-pregnancy-could-raise-the-risk-of-type-2-diabetes-in-offspring.118827/>
4. ScienceBlog: <https://scienceblog.com/493199/alcohol-abuse-even-pregnancy-may-harm-offspring/>
5. Science Daily: <https://www.sciencedaily.com/releases/2017/04/170403083100.htm>
6. TrueLove: <http://www.truelove.co.za/lifestyle/health/binge-drinking-even-before-pregnancy-may-harm-baby/>
7. You.co.za: <http://www.you.co.za/lifestyle/binge-drinking-even-before-pregnancy-may-harm-offspring/>
8. TheSun: <https://www.thesun.co.uk/living/3239735/binge-drinking-before-you-get-pregnant-can-have-life-long-effects-on-future-children/amp/>
9. Huffpost Women: [http://www.huffingtonpost.co.uk/entry/women-who-binge-drink-before-pregnancy-increase-risk-of-diabetes-in-babies\\_uk\\_58e1fc0be4b0ba359596099b](http://www.huffingtonpost.co.uk/entry/women-who-binge-drink-before-pregnancy-increase-risk-of-diabetes-in-babies_uk_58e1fc0be4b0ba359596099b)
10. Vocativ: <http://www.vocativ.com/417458/study-women-drink-before-pregnancy/>
11. Wakefield Express: <http://www.wakefieldexpress.co.uk/news/health/women-who-binge-drink-before-becoming-pregnant-more-likely-to-have-diabetic-babies-1-8472492>
12. Babyproductreviews.uk: <http://www.babyproductreviews.uk/women-who-binge-drink-prior-to-pregnancy-could-be-harming-future-babies/>
13. Derryjournal: <http://www.derryjournal.com/news/health/women-who-binge-drink-before-becoming-pregnant-more-likely-to-have-diabetic-babies-1-7900089>
14. Adoby.net: <http://abody.net/health-and-medicine/alcohol-abuse-even-before-pregnancy-may-harm-offspring.html>
15. Lanacionweb/France: <http://lanacionweb.com/salud/beber-alcohol-antes-del-embarazo-tambien-podria-ser-malo-para-el-bebe/>
16. Pnok: <http://pnok.net/health-and-medicine/alcohol-abuse-even-before-pregnancy-may-harm-offspring.html>
17. 100.club: <http://www.100.club/binge-drinking-before-you-get-pregnant-can-have-life-long-effects-on-future-children/>
18. Iltamakasiini: <http://www.iltamakasiini.fi/artikkeli/504105-juopottelevat-naiset-vaarantavat-lapsensa-jo-ennen-raskautta>
19. Bluewin: <https://www.bluewin.ch/fr/conso/mode-beaute/2017/4/4/trop-boire--meme-avant-la-grossesse-cest-mauvais.html>
20. Thefix: <https://www.thefix.com/binge-drinking-could-have-implications-future-pregnancies>
21. WorlNewsHint: <https://www.worldnewshint.com/2017/04/03/women-who-binge-drink-can-harm-their-babies-even-before-becoming-pregnant/>
22. 420 media Blog: <https://www.420.ag/media/news/alcohol-abuse-before-pregnancy-may-lead-to-health-issues-in-offspring/>
23. Newze.net
24. PlayGrounf: [http://www.playgroundmag.net/noticias/actualidad/diabetes-consumo\\_alcohol-embarazo-malo\\_0\\_1949805016.html](http://www.playgroundmag.net/noticias/actualidad/diabetes-consumo_alcohol-embarazo-malo_0_1949805016.html)
25. Canoe.ca: <http://fr.canoe.ca/sante/nouvelles/archives/2017/04/20170405-134958.html>
26. Morning Knowledge: <http://morningknowledge.com/2017/04/03/binge-drinking-before-pregnancy-increases-risk-of-diabetes-for-babies-study-suggests/>
27. The Star: <http://www.thestar.co.uk/news/health/women-who-binge-drink-before-becoming-pregnant-more-likely-to-have-diabetic-babies-1-8472492>

28. Entertainment News: <http://entertainment--news.com/2017/04/03/women-who-binge-drink-prior-to-pregnancy-could-be-harming-future-babies/>

29. Cover Media: <http://covermgfeed.com/cmextranet?cid=2e634777-f2b1-48ac-9b6b-aad98fadfe7e&pwd=en3h2wygls7ndw&st=2003>

30. Health Medicine Network: <http://healthmedicinet.com/alcohol-abuse-even-before-pregnancy-may-harm-offspring/>

31. Cannaho: <http://www.cannahoo.com/3908/alcohol-abuse-before-pregnancy-may-lead-to-health-issues-in-offspring/>

32. TV3: <https://www.tv3.ie/xpose/article/fitness-and-wellbeing/236033/Binge-drinking-even-before-pregnancy-may-harm-offspring>