

CURRICULUM VITAE

PERSONAL DATA

Name	Prof. Mohammed.S. Al-Eissa
Nationality	Saudi
Position	Member of Biology Departement
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EDUCATION

Year	Academic Degree	Institution
2007	PH. D in Reproductive Physiology and Embryology	King Saud University
1998	MSc in Biochemistry – college of science	King Saud University
1993	Bachelor's degree in Biochemistry – college of science	King Saud University

WORK EXPERIENCE

Period	Position	Address
2018-2020	Dean of faculty of science, Al-Imam Muhammed bin Saud University,	Riyadh, Saudi Arabia.
2017-2018	Vice Dean for Graduate Studies and Scientific Research, faculty of science, Al-Imam Muhammed bin Saud	Riyadh, Saudi Arabia.
2015 –2017	Head of Biology Department, college of Science, Al-Imam Muhammed bin Saud University	Riyadh, Saudi Arabia
2012-2014	Dean of faculty of science, Hail University.	Hail, Saudi Arabia.

RESEARCH INTERESTS

Embryology, physiology, Assisted reproduction (Experimental Embryology, In vitro fertilization 'IVF, IVM, IUI, ET, **Cryopreservation of Reproductive Cells and Tissue**, Reproductive studies), female fertility, hormone Regulation of Reproductive Function and Molecular and cell biology.

PUBLICATIONS

Al-Eissa M.S. and A.S. Alhomida. A Study of the Distribution of Total, Free, Short-Chain Acyl and Long-Chain Acyl Carnitine in Whole Blood and plasma of Arabian Sand Gazelle (*Gazelle Subgutturosa marica*), *Comparative Haematology International*. (1997) 1(65-69).

Al-Eissa M. s., A. R. Alhamidi and S. k. Semen Cryopreservation using Triladyl and Tris Diluents of the Arabian sand Gazelle Males (*Gazelle Subgutturosa marica*). *Arabian Gulf Journal of Scientific Research*.(2007). (25): 4,(206-199).

Al-Eissa M.S., A.R. Alhmidi. And S.A.Qandil. Assessment reproductive of Arabian Sand Gazelle (*Gazelle Subgutturosa marica*). (Proceeding of the Symposium, Third Saudi Science Conference "New Horizons in Science and their Applications", King Saud University, 10-13 March 2007, Riyadh, Saudi Arabia).

Al-Eissa M.S., A.R. Alhmidi. And S.A.Qandil. Semen cryopreservation of Arabian Sand Gazelle (*Gazelle Subgutturosa marica*). (Proceeding of the Symposium, An International Conference on the Arabian Oryx in the Arabian Peninsula, 21-23/4/2007, Riyadh, Saudi Arabia).

Al-Eissa M.S., A. R. Alhmidi. And S.A.Qandil. Assessment reproductive of Arabian Sand Gazelle (*Gazelle Subgutturosa marica*). *Saudi Journal of Biological Sciences*. (2008). Vol. (15):3 (85-95).

Ashraf A. Alkahtani S. Abou Tarboush F, Alarifi S, Al-Qahtani A and **Alissa M.** Effect of antioxidant Butylated Hydroxytoluene on the Genotoxicity and Cytotoxicity Induced in Mice by Sodium Arsenate. *Journal of Biological Sciences*. (2009). (9):5 (413-422).

Al-Eissa M S., Mohamed abd El Kader sandouka, Saad Hussin AlKahtani and Ashraf Ahmed Qurtam. Reproductive characteristics of The Arabian Sand Gazelles (*Gazella subgutturosa marica*). *Journal of Agricultural science*. (2009). (9):1a (70-80)

Al-Eissa M.S., Mohamed abd El Kader sandouka, Saad Hussin AlKahtani and A.R. Alhmidi. Physiological Aspects of Arabian Sand Gazelle Semen and its Cryopreservation. *Advances in Bioresearch*. (2010), Vol (1):1, (145 – 149).

Al-Eissa Mohammed Saad, Alhamidi A. R, Saad Hussin Alkahtani, Mohamed Abd El Kader Sandouka Determination of the Arabian Sand Gazelle Sperm and Acrosomes Defects by using of Spermac Staining Technique. *Asian Journal of Biological Science*, (2011). (4):2, (138-147).

- Al-hiamidi A., **Al-Eissa M.** and Kandeal S. Semen Cryopreservation of Male Arabian Sand Gazelles Males (*Gazella subgutturosa marica*) Using Two Diluents. The 1st International Congress on Controversies in Cryopreservation of Stem Cells, Reproductive Cells, Tissue and Organs
monduzzi editore International Proceedings Division. www.medimond.com. ISBN 978-88-7587-588-6, (23-2

1. **Al-Eissa.M.** Effect of Gestation and Season on the Haematological and Biochemical Parameters in Domestic Rabbit (*Oryctolagus cuniculus*). *British Biotechnology Journal*. (2011). (1):1, (10-17).

2. Al-Eissa.M and Saad Alkahtani. Seasonal influence on some blood and biochemical parameters of Jerboan (*Jaculus jaculus*) in Saudi Arabia. *Research opinions in animal & veterinary sciences*. (2011). (1)1, (51-54).
3. Saad Alkahtani¹, AL-Farraj S. A., Saud A. Alarif, AL-Eissa Mohammed saad and Al-Dahmash B. Cytokine genes expression in mice hepatocytes during malaria infection. (2011). *African journal of microbiology* Vol. (5): 16, (2311-2315). ISSN 1996-0808
4. AL-Eissa¹ M.S, Saad Alkahtani. Gestation Effects on the Hematological and Biochemical Profile of Nubian Ibex (*Capra Nubiana*). *Research in Zoology*. (2012). (2):1, (5-7), DOI: 10. 5923/j. zoology 110101.01.
5. Al-Eissa Mohammed Saad , Alhamidi A. R. , Mohamed Abd El Kader Sandouka , Ibraheem A. S. , Hamad Al-Yahya , AL-Farraj S. , Saad Alkahtani and Al-Dahmash B. Scrotal, testicular and semen characteristics of the mountain gazelle (*Gazella gazella*) males. *African journal of microbiology researches*. (2011) Vol. 5(28), (5137-5141). DOI: 10.5897/AJMR11.1234.
16. AL-Eissa M. S, Saad Alkahtani, Al-Farraj S .A, Saud A .Alarifi, Al-Dahmash, B. Seasonal variation effects on the composition of blood in Nubian ibex (*Capra nubiana*) in Saudi Arabia. *African journal of Biotechnology* (11):5, (1283-1286).
7. Saud Alarifi, Amin Al-Doaiss, Saad Alkahtani, S.A. Al-Farraj, Mohammed Saad Al-Eissa, B. Al-Dahmash, Hamad Al-Yahya, Mohammed Mubarak. Blood chemical changes and renal histological alterations induced by gentamicin in rats (2012). *Saudi Journal of Biological Sciences*, (19):1, (103-110). DOI: 10.1016/j.sjbs.2011.11.002.
18. Aleissa M.S. Effect of Ginger supplements on some Reproductive Parameters and Spermatogenesis of Mice. *Indian Journal of Fundamental and Applied Life Sciences* ISSN: 2231-6345. (2014) Vol. (4):1, (271-277).
9. Mohammed saad Aleissa, Amr A Shalaby, Hind Abd Alkarim, Nasir, A.Ibrahim, Sharif Hossain A.B.M, Ghanim Stam. Influence of Ginger (*Zingiber officinale*) on Sperms Parameters, Spermatogenesis and Sexual Hormones of Male Mice. (2015), *Journal of Advances in Biology*: vol (8):2 (12-27). ISSN 2347-6893.
20. Sharif Hossain A.B.M, Nasir Adam Ibrahim and Mohammed Aleissa. Fresh Olive Fruit Extract uses for Anti-Cancer by the Inhibition of Cell Proliferation: Its Biochemical, Genomic DNA and Antioxidant Properties. *American Journal of Scientific Research*, (2015). Vol/106, (68-76) . ISSN 2301-2005.
1. Nasir A. Ibrahim, Amr. Shalaby, Mohammed. S Aleissa & Mohammad Fawzi. The Effect of the Coriander Seeds on Reproductive Parameter on Female Mice. (2016). *Global Journal of Biology, Agriculture and Health Science*, Vol. (5):2, (31-34). ISSN: 2319 – 5584,
2. Sharif Hossain A.B.M, Nasir Adam Ibrahim and Mohammed Aleissa. Root Cell Proliferation from Broccoli Root Tips In vitro Culture Using Indole Acetic Acid (IAA), Indole Butyric Acid (IBA) and Benzylaminopurine (BAP). (2016). *Annual Research & Review in Biology*, 9(1): (1-6), Article No. ARRB.22417, ISSN: 2347-565X, NLM ID: 101632869.
3. Mashael R. Al-Anazi, Sabine Matou-Nasri, Ayman A. Abdo, Faisal M. Sanai, Saad Alkahtani, Saud Alarifi, Abdullah A. Alkahtane, Hamad Al-Yahya, Daoud Ali, Mohammed S. Alessia, Bushra Alshahrani, Mohammed N. Al-Ahdal, and Ahmed A. Al-Qahtani. Association of Toll-Like Receptor 3 Single-Nucleotide

- Polymorphisms and Hepatitis C Virus Infection. (2016). *Journal of Immunology Research*, Vol. (2), (1-11), Article ID 1590653. DOI: 10.1155/2017/1590653.
4. Mashael R. Al-Anazi a , Nyla Nazir a , Ayman A. Abdo b,f , Faisal M. Sanai c,f , Saad Alkahtani d , Saud Alarifi d , Abdullah A. Alkahtane d , Hamad Al-Yahya d , Daoud Ali d , Mohammed S. Alessia , Mohammed N. Al-Ahdal a,g , Ahmed A. Al-Qahtani. Genetic variations of NOD2 and MD2 genes in hepatitis B virus infection. (2019), *Saudi Journal of Biological Sciences*, Vol. (26): 2, (270-280) DOI: 10.1016/j.sjbs.2016.11.010
 5. Sharif Hossain A.B.M, Nasir Adam Ibrahim, Mohammed Aleissa , Imdadul Haq and Kamaludin Bin Rashid. Callus Cell Proliferation and Explants Regeneration Using Broccoli Shoot Tip In vitro Culture: Biochemical and Antioxidant Properties (2016). *British Journal of Applied Science & Technology* 13(5): (1-8), Article No. 22665. ISSN: 2231-0843.
 6. Sharif Hossain A.B.M, Imdadul Haq, Nasir A.Ibrahim, Mohammed Saad Aleissa. Callus cell proliferation from broccoli leaf slice using IBA and BAP in vitro culture: Its biochemical and antioxidant properties. (2016). *Data in Brief* 6: (214–220).
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 8. Sharif Hossain A. B. M. and Mohammed Saad Aleissa. Biodiesel Fuel Production from Palm, Sunflower Waste Cooking Oil and Fish By product Waste as Renewable Energy and Environmental Recycling Process. (2016). *British Biotechnology Journal*, 10:(4): 1-9, (2016), Article No.22338, ISSN: (2231–2927), NLM ID: 101616695.
 9. Saud Alarifi, Huma Ali, Saad Alkahtani and Mohammed S. Alessia. Regulation of apoptosis through bcl-2/bax proteins expression and DNA damage by nano-sized gadolinium oxide. (2017). *International Journal of Nanomedicine*, 12 (4541–4551). ISSN: 1178-2013.
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 13. Mohammed S Aleissa, Daoud Ali, Saud Alarifi, Saad Alkahtani. Mechanism of Capsebion nanoparticles induced oxidative stress and apoptosis in Caco-2 CELLS. (2019). *Fresenius Environmental Bulletin*. Vol (28): 11A (8649-8658).
 14. Alessia Mohammed. The effect of Ginger (*Zingiber Officinale*) on some reproductive parameters in the male Rat. (2019). *Fresenius Environmental Bulletin*. Vol. (28): 11 (8151-8157).
 15. AlBasher G, AlKahtane AA, Alarifi S, Ali D, Alessia MS, Almeer RS, Abdel-Daim MM, Al-Sultan NK, Al-Qahtani AA, Ali H, Alkahtani S. Methotrexate-induced apoptosis in human ovarian adenocarcinoma SKOV-3 cells via ROS-mediated bax/bcl-2-cyt-c release cascading. (2019). *OncoTargets and Therapy*. Vol. (12), (21-

- 30). DOI:10.2147/OTT.S178510.
36. Sharif Hossain B. M. and **Mohammed Saad Aleissa**. Bio-ethanol Production as Bio-solvent (Antifermenter), Antiseptic and Bio-fuel from Date Fruit Waste and its Suitable Properties Identification. (2016). Journal of Advances in Biology & Biotechnology. 5(2): 1-13, Article no. JABB.22332. ISSN: 2394-1081.
37. **Mohammed S. Aleissa**, Saad Alkahtani, Mabrouk Attia Abd Eldaim, Ali Meawad Ahmed, Simona G. Bungău , Bader Almutairi, May Bin-Jumah ,Abdullah A. AlKahtane, Mohamed S. Alyousif , and Mohamed M. Abdel-Daim. Fucoidan Ameliorates Oxidative Stress, Inflammation, DNA Damage, and Hepatorenal Injuries in Diabetic Rats Intoxicated with Aflatoxin B1. (2020). Oxidative Medicine and Cellular Longevity, Vol 2020, Article ID 9316751, PP1-10. <https://doi.org/10.1155/2020/9316751>.
38. **Mohammed S. Aleissa**. Protective effect of pomegranate (*Punica Granatum*) on the sperm DNA integration induced by cadmium chloride in adult mice. (2020). European Journal of Biotechnology and Bioscience, Vol 8(1): PP10-14. www.biosciencejournals.com.
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40. Muath QAl-Ghadi, Ahmad RAlhimaidi, Daisaku Iwamoto, Mohsen G.AL-Mutary, Aiman A Ammari, Kazuhiro O Saeki, **Mohammed S.Aleissa**. The in vitro development of cloned sheep embryos treated with Scriptaid and Trichostatin (A). (2020). Saudi Journal of Biological Sciences, Vol. (27): 9, pp.(2280-2286) DOI: 10.1016/j.sjbs. 2020.04.039.
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42. Mohammed Al-Zharani, **Mohammed S. Al-Eissa**, Hassan A. Rudayni, Daoud ali, Saud alarifi, Radhakrishnan SurendraKumar and Akbar Idhayadhulla. Larvicidal Activity of Geranylacetone Derivatives against *Culex quinquefasciatus* Larvae and Investigation of Environmental Toxicity and Non-Target Aquatic Species. (2021). Accepted by Agronomy, 11, x under peer review 2 of 10.