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CURRENT POSITION: PROF

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<b>EDUCATION</b>		<ul style="list-style-type: none"> <li>✓ Postdoctoral six months in Canada, Alberta in Alberta Research Council (ARC).</li> <li>✓ Postdoctoral two years in China from 2-2007 to -2—2009.</li> <li>✓ Ph.D. Thesis in Genetics (Nov. 1999) Dept. of Genetics, Faculty of Agriculture Zagazig Univ., Egypt.</li> <li>✓ Title of Ph.D. "Gene transfer of ducks growth hormone gene to a type of poultry (Quail)."</li> <li>✓ M.Sc. Thesis in Genetics (May 1995), Dept. of Animal Breeding Faculty of Agriculture, Cairo, University, Egypt. Title of M.Sc. "Isolation of growth hormone gene from ducks"</li> <li>✓ B.Sc. in Genetics (June 1990), Exhalant Grade and the average for 4 years very good, Dept., of Genetics, Faculty of Agriculture, Assiut University, Assiut, Egypt.</li> </ul>
<b>ACTIVITIES</b>		<p><b>Scientific Activities</b> Evaluated for papers from the journals</p> <hr/> <p><b>Administrative Activities</b> Head of Nucleic Acids Research (NAR) Dept., from 2005 to 2006 and 3- 2009 to 10- 2009.</p>

	<p><b>Extra-curriculum Activities</b></p> <ul style="list-style-type: none"> <li>✓ Postdoctoral six months in Canada, Alberta in Alberta Research Council (ARC).</li> <li>✓ Postdoctoral two years in China from 2-2007 to -2—2009.</li> <li>✓ Secondment as Prof from 11-2009 to 2019, Biological Science Dept. Faculty of Sciences, King Abdulaziz University, Jeddah, Saudi Arabia.</li> </ul>
<p><b>GRANTS &amp; AWARDS</b></p>	<p>List your Grants here... (start with the most recent)</p> <p>PI, 1- The funder from KAU: Active surveillance in camels for coronaviruses associated with the source of the human MERS coronavirus</p> <p>COI, 2- FUNDER FROM KACST: RECOMBINANT HUMAN INSULIN PRODUCTION IN YEAST</p> <p>CoI, 3- The funder from KACST: Isolation and molecular characterization of novel microbial strains capable of degrading crude oil and hydrocarbon contaminants in Saudi Arabia</p> <p>CoI, 4- The funder from KACST: Exploration of the molecular mechanisms of NF-<math>\kappa</math>B activation</p> <p>PI, 5- The funder from KAU: fingerprinting of Saudi horse breeds for identification, breeding conservation and improvement of genetic resources</p> <p>COI, 6- FUNDER FROM KACST: FINGERPRINTING STUDY OF SOME GENE MARKERS OF LOCAL SAUDI SHEEP &amp; GOATS FOR IMPROVING THEIR PRODUCTIVE PERFORMANCE</p> <p>CoI, 7- The funder from KAU: Evaluating the pesticidal effect of some local medicinal plants as a biological control agent against <i>Aedes aegypti</i> mosquitoes' genotypes</p> <p>CoI, 8- The funder from KAU: Molecular epidemiological study on MRSA genotypes and the effect of <i>Rhazya stricta</i> leave extract upon them</p> <p>CoI, 9- The funder from KAU: Safety evaluation of probiotics that used as alternative antibiotics in livestock and poultry</p>
	<p><b>Awards</b></p> <p>List your Awards here... (start with the most recent)</p>

	<ul style="list-style-type: none"> <li>✓ Equipment's from China 150,000 as free in 2008.</li> <li>✓ Reword for publications from City for Scientific Research and Technological Applications, some years.</li> </ul>
<p><b>LIST OF PUBLICATIONS</b></p>	<p><b>2020</b></p> <ol style="list-style-type: none"> <li>1. Mustafa A. Turkstani, Rashad Rizk Al-Hindi, <b>Mohamed Morsi M. Ahmed</b> (2020) Molecular identification of microbial contaminations in fitness center in Makkah region, submitted to Bioscience Journal.</li> <li>2. <b>Mohamed Morsi M. Ahmed</b> Md. Mohibul Alam Khan, Saleh M. S. Al-Garni, Roop Singh Bora, Saleh A. Kabli (2020). Comparative molecular studies of halophilic bacteria from saline water and soil in the Saudi environment, Bioscience Journal, v. 36, n. 3, p. 1024-1031.</li> <li>3. Samah O. Noor, Azhar A. Najjar, Sharifah M. Alshehri, Nidal M. Zabermaawi, <b>Mohamed Morsi M. Ahmed</b> 2020. Assessment of the Level of Bacterial Contamination of Some Public Swimming Pools in Jeddah City. Advances in Environmental Biology 14(1): pages 1-6.</li> <li>4. Bassam Oudh Al Johny, Abdulaziz Radhi S ALjohni, and <b>Mohamed Morsi M Ahmed</b> 2020. "Survey on Molecular Marker and Diagnosis of Helicobacter pylori". Acta Scientific Medical Sciences 4.5: 50-53.</li> <li>5. Abdulaziz Radhi S ALjohni, <b>Mohamed Morsi M Ahmed</b> and Bassam Oudh Al Johny 2020. "The Relation of Helicobacter pylori Infection to Gastric Cancer". Acta Scientific Medical Sciences 4.5: 54-59.</li> </ol> <p><b>2019</b></p> <ol style="list-style-type: none"> <li>6. Abdulaziz Almanea, Gamal S. Abd El-Aziz and <b>Mohamed Morsi M. Ahmed</b> 2019. The Potential Gastrointestinal Health Benefits of Thymus Vulgaris Essential Oil: A Review <i>Biomedical &amp; Pharmacology Journal</i>, December. Vol. 12(4), p. 1793-1799.</li> <li>7. Zayed yedalnefaie, Mohamed Abu-Zeid, Mohammed H. Mutwakil, <b>Mohamed Morsi M. Ahmed</b>, (2019). Molecular and Microbial studies survey for camel udder microbiota, Advances in Environmental Biology, 13(2): pages 8-13.</li> <li>8. Nahid Hassan Hajrah, Waseem Mohammed Abdul, Saleh Mohammed AlGarni, Abdullah Sheikh, <b>Mohamed Morsi Mohamed Ahmed</b>, Neil Hall, Kulvinder Singh Saini, Jamal Sabir Mohammad Sabir &amp; Roop Singh Bora (2019): Gene expression profiling to elucidate the pharmacological and toxicological effects of <i>Ricinus communis</i> L. leaf extract in mammalian cells, Biotechnology &amp; Biotechnological Equipment, 2019, 1-6.</li> <li>9. Zayed Alnefaie, Mohamed H. Mutawakil and <b>Mohamed Morsi M. Ahmed</b>, (2019). Molecular Identification for Camel Udder Microbiota, 13(4): pages 7-12. Khadijah Mohammed Omar Bin Mahfouz, Ahmed M.M. Al-Hejin, Maged Mostafa Mahmoud, Azhar Abdullah Najjar, Samah Omar Noor, <b>Mohamed Morsi M. Ahmed</b></li> </ol>

and Salah E.M. Abo-Aba 2019. The Efficiency of Species-Specific Primer Pair to Identify Bacterial Infection in CF Patients in Jeddah, Saudi Arabia by Using PCR-RFLP Protocol, Middle East Journal of Scientific Research 27 (1): 75-84.

10. Abdullah Sheikh, **Ahmed, M. M. M.**, Abdullah Sheikh, Mohammed H. Zainy Mutawakil, Kulvinder Singh Saini, Faten A.S. Alsulaimany, Jamal Sabir M. Sabir (2019) Phylogenetic analysis and SNP mapping of Saudi Arabian horse breeds based on Mitochondrial genome sequencing, Indian Journal of Experimental Biology, 58, 225-230.
11. Khadijah Mohammed Omar Bin Mahfouz, Ahmed M.M. Al-Hejin, Maged Mostafa Mahmoud, Azhar Abdullah Najjar, Samah Omar Noor, **Mohamed Morsi M. Ahmed** and Salah E.M. Abo-Aba 2019. The Efficiency of Species-Specific Primer Pair to Identify Bacterial Infection in CF Patients in Jeddah, Saudi Arabia by Using PCR-RFLP Protocol, Middle-East Journal of Scientific Research 27 (1): 75-84, 2019.
12. Mohammed N. Baeshen, Sanaa G. Al-Attas, Yassier Anwer, Abdul-Rahman A Faragalla, **Mohamed M. M. Ahamed**, Jazem A. Mahyoub, Ahmad M. Alhejin, Huda A. Alabdali, Hassan A. I. Ramden, and Nabih A. Baeshen (2019) Genotoxic effect of *Rhazyastricta* leaf extract on larvae of *Aedes aegypti*, Research J. Biotechnology
13. Nasser D. Aljohnai, Saad B. Almasaudi, Selah A. Kabl, Saleh M. Al-Garni, Mohamed Abu-Zeid, Hatem Elshafey and **Mohamed Morsi M. Ahmed** (2019) Detection and molecular diagnosis of pathogenic *Escherichia coli* in local hospital, Research J. Biotechnology, 14, 2.

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14. Al-Garni, S. M., Mabrouk M. Ghonaim, DM., Mohamed Morsi M. Ahmed, Ali S. Al-Ghamdi, MS and Farooq A. Ganai. BS. (2018) Risk factors and molecular features of extended-spectrum beta-lactamase (ESBL)-producing bacteria at the King Abdulaziz Specialist Hospital, Taif, Saudi Arabia, Saudi medical journal 39 (12), 1186.
15. Zakiyah Ibrahim Younis Fallata, Ayman I. Elkady, **M. M. M. Ahmed** (2018) Effect of some medicinal plants extracts on Herpes Simplex virus type 1 Infectivity, Research J. Biotechnology, Vol. 13 (5) pp 1-10.
16. Muhammad Iqbal Qureshi, Mohamed H. Mutwakil, Amr Abd Mooti A. El Hanafy, Mohamed Abou-Alsoud, Jamal Sabir, Hassan El Ashmaoui, Hassan A. I. Ramadan, and **M. M. M. Ahmed** (2018) Fingerprinting of IGFBP 3 and FecB genes as molecular markers in sheep and their association with productive and reproductive traits, Research Journal of Biotechnology, Vol. 13 (1), 110-114.
17. Sheikh, A. **Ahmed, M. M. M.**, Abdullah, Mohammed H. Zainy Mutawakil, Kulvinder Singh Saini, Faten A.S. Alsulaimany, Jamal Sabir M. Sabir (2018)

Comparative molecular analysis of ISSR markers in Arabian horse breeds, **he Journal of Animal & Plant Sciences**, 28(1): 2018, Page: 332-336.

18. Ying Zhong, Dong-Ling Liu, **Mohamed Morsi M Ahmed**, Peng-Hao Li, Xiao-Ling Zhou, Qing-Dong Xie, Xiao-Qing Xu, Ting-Ting Han, Zhi-Wei Hou, Ji-Hua Huang, Lan Xu, Tian-Hua Huang 2017. Transcription and regulation of hepatitis B virus genes in host sperm cells, *Asian Journal of Andrology*, 19, 1–6.
19. Mohammed Alassiri, Mohamed Abu-Zeid, Mohammed Zini, **Mohamed Morsi M. Ahmed 2019**. Screening and Molecular Identification of Microbiota in Human Oral Cavity, *Advances in Environmental Biology*, 12(12): pages 1-4.

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20. Ying Zhong, Dongling Liu., **M. M. M. Ahmed**, Xiaoling Zhou., Qingdong Xie, Penghao Li., Xiaoqing Xu., Jihua Huang., Ziwei Hou., Tingting Han., Zina Wen, Chenyao Zhong<sup>3</sup>., Tianhua Huang. (2017) Host Genes Regulate Expression of Hepatitis B Virus Genes in Human Sperm and Sperm-Derived Embryos, *Reproductive Toxicology*, 73pp 158-166.
21. Nasser Aljohani, Saad B. Almasaudi, Saleh A. Kabli, Saleh M. Al-Garni, Mohamed Morsi M. Ahmed, 2017. Survey of pathogenic *Escherichia coli* in hospitals environment, *Advances in Environmental Biology*, 11(12) Pp: 1-14.
22. Mustafa Turk, Rashad R. Hindi, Mohamed Morsi M. Ahmed (2017) Survey Studies of Microbial Contaminants on Some Fitness, Surfaces *Advances in Environmental Biology*, 11(12) Pp: 1-14
23. Ezzudin Alniami, Mohammed H. Mutwakil, Roop S. Bora and **M. M. M. Ahmed** (2017) Detection of Microbial Contaminations in Baby Milk Using Microbial and Molecular Techniques, *Middle-East Journal of Scientific Research*, 25 (6): 1201-1206.
24. Alshaikh, K. S., Mohammed H. Mutwakil and **Ahmed, M. M. M.** (2017) Isolation and Identification of *Bacillus cereus* from Infant Food Using 16s rRNA Sequence, *Advances in Biological Research* 11 (1): 01-05
25. EL Hanafy, Amr A; Anwar, Yasir; Mohamed, Saleh A; Al-Garni, Saleh Mohamed Saleh; sabir, Jamal SM; King Abdulaziz university, Abu Zinadah, Osama AH; Al Mehdar, Hussein; Alfaidi, Abdul wahid; **M. M. M. Ahmed (2017)** Characterization of Native Fungi Responsible for Degrading Oil Spills from Coastal Area of Yanbu, Saudi Arabia, *Biotechnology & Biotechnological Equipment*, VOL. 31, NO. 1, 105–111.

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29. Jamal S.M. Sabir, Tsan-Yuk Lam, **M. M. M. Ahmed**, Lifeng Li, Yongyi Shen, Salah AboAba, Mohammed I. Qureshi, Mohammed Abu-Zaid, Yu Zhang, Mohammad A Khiyami, Njud S Alharbi, Nahid H Hajrah, Meshaal J Sabir, Mohammed H.Z. Mutwakil, Saleh A. Kabli, Faten A. S. Alsulaimany, Abdullah Y. Obaid, Boping Zhou, David K. Smith, Edward C. Holmes, Huachen Zhu, Yi Guan (2016) Co-circulation of MERS and other coronaviruses in dromedary camels in Saudi Arabia, **Science**, VOL 351 (6268) 81-84.
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31. **Ahmed, M. M. M.** , Abdullah Sheikh, , Mohammed H. Zainy Mutawakil, Kulvinder Singh Saini, Faten A.S. Alsulaimany, Amr A EL Hanafy Samra Jamal Sabir M. Sabir (2016). Comparative analysis of ATP6 mitochondrial gene diversity in Arabian and non-Arabian horse breeds, *The Journal of Animal & Plant Sciences*, 26(2): pp: 437-444.
32. EL Hanafy, Amr A; Anwar, Yasir; Mohamed, Saleh A; Al-Garni, Saleh Mohamed Saleh; sabir, Jamal SM; King Abdulaziz university, Abu Zinadah, Osama AH; Al Mehdar, Hussein; Alfaidi, Abdul wahid; **M. M. M. Ahmed** (2016) Isolation and Identification of bacterial consortia responsible for Degrading Oil Spills from Coastal Area of Yanbu, Saudi Arabia, *Biotechnology & Biotechnological Equipment*, VOL. 30, No. 1, pp69-74.

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33. Hassan Swed Alzahrani, Mohammed Mutwakil, Alister Cumming, Mohamed R. Rizgallah and **M. M. M. Ahmed** (2015). Human TRIB11 & TRIB12 Polymorphisms in Relation to Lipoprotein Variation and Risk of Hyperlipidemia, *World Journal of Zoology* 10 (4): 256-266.

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35. AbdelRahman A. Faraglla Mohamed H. AlQhtani and **M. M. M. Ahmed** (2015) DNA Fingerprinting of Subterranean Termites using DNA analysis, Academic Journal of Entomology 8 (3): 104-109.
36. Amal A. Almostady, Mohammed H. Mutwakil, M-Zaki ElAssouli, **M. M. Ahmed** and Sufian M. ELAssouli **2015**. Genotoxicity and Antigenotoxicity Activites of *Rhazya stricta* and *Zingiber officinale* Single and in Combination, American-Eurasian J. Agric. & Environ. Sci., 15 (7): 1392-1401.
37. Ezzi Al-Dean Al Nomiyi; Mutawakil, M. H. Z, Sabir, J. S. M, Bora, R. S. Al-Garni, S. M.<sup>1</sup> Kabli S. A. **M. M. M. Ahmed** (2015) Molecular and microbial studies of Baby Milk to Detect Microbial Contamination, American-Eurasian J. Agric. & Environ. Sci., 15 (7): 1373-1381.
38. Mohamed N. Baeshen; Ahmed Al-Hejin; Roop S. Bora; M. M. M. Ahmed; Hassan A. I. Ramadan; Kulvinder S. Saini; Nabih A. Baeshen; Elrashdy M. Redwan (2015) Production of Biopharmaceuticals in *E. coli*: Current scenario and future perspectives, Journal of Microbiology and Biotechnology, 25(7), 953–962.
39. Amr Abd Mooti El Hanafy, Muhammad Iqbal Qureshi , Jamal Sabir , Mohamed Mutawakil, **M. M. M. Ahmed**, Hassan El Ashmaoui, Hassan Ramadan, Mohamed Abou-Alsoud and Mahmoud Abdel Sadek (**2015**) Nucleotide Sequencing and DNA Polymorphism Studies of  $\beta$ -Lactoglobulin Gene in Native Saudi Goat Breeds in Relation to Milk Yield, Czech J. Anim. Sci., 60 132-138.  
**2014**
40. Amr A. El Hanafy, Muhammad Qureshi, Jamal Sabir, Mohamed Mutawakil, **M. M. M. Ahmed**, Hassan El Ashmaoui, Hassan Ramadan, Mohamed Abou-Alsoud, Mahmoud Abdel Sadek (2014) DNA Polymorphism Studies of  $\beta$ -Lactoglobulin Gene in Saudi Goats, World Academy of Science, Engineering and Technology International Journal of Biological, Veterinary, Agricultural and Food Engineering, conference full article, Vol:8 No:12.
41. Nabih A. Baeshen; Mohamed N. Baeshen; Abdullah Sheikh; Roop S. Bora; **M. M. M. Ahmed**; Hassan I. Ramadan; Kulvinder Singh Saini; Elrashdy M. Redwan (2014) Cell factories for Insulin production, Microbial Cell Factories, 13 (1):141.
42. Jamal Sabir, Mohamed Mutawakil, Amer EL-Hanafy, Ahmed Al-Hejin, Mahmoud Abdel Sadek, Mohamed Abou-Alsoud, Muhammad Qureshi, Kulvinder Saini, **M. M. M. Ahmed** (2014) Applying molecular tools for improving livestock performance: From DNA markers to next generation sequencing technologies, *Journal of Food, Agriculture & Environment JFAE Vol. 12 (2) Vol.12 (2)*: 541-553.
43. Qureshi, Muhammad I., Jamal Sabir, Mohamed Mutawakil, Amr EL-Hanafy, Yasir Anwar ,Mahmoud Abdel Sadek, Mohamed Abou-Alsoud, Kulvinder S. Saini, **M. M. M. Ahmed** (2014). Reviewing Strategies to Enhance Livestock Genetic Performance: From Molecular Markers to Next-Generation Sequencing

Technologies in Goats. Journal of Food, Agriculture & Environment, JFAE, Vol.12 (2): 752-761.

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  46. Jamal S. M. Sabir, Mohamed H. Z. Mutawakil, Nezar A Redwan Mohamed B.I. Barnawi Kulvinder S. Saini **M. M. M Ahmed** (2014). Detection of Hepatitis B virus (HBV) Infection in Jeddah, Saudi Arabia, Bothalia, 44 (6) 149- 155.
  47. Mohammed H. Z. Mutawakil; Jamal S. M. Sabir, Saleha Y. M. Al Akilli, Aida I. El makawy and **M. M. M. Ahmed** (2014) Evaluation of The Potential Genotoxicity of Antibiotics Alternative Probiotics Used In Livestock And Poultry. Journal of Food, Agriculture & Environment JFAE, Vol. 12 (2): 591-598.
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  49. **Ahmed, M M. M.**, E. E. Hafez, Mona A. M.; Hagar A. Abdelrassoul and Y M. Mabrouk (2014) Application of DNA Technology to detect food infection with some pathogenic bacteria using 16S r DNA gene; PCR-RFLP and sequencing Journal of Food, Agriculture & Environment JFAE, Vol.12 (2): 202-206.
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  53. Faten AS Alsulaimany, NA Redwan, **M. M. M. Ahmed** (2013) Molecular Evaluation of Equine Influenza Virus in Horse Farms at Saudi Arabia Global Veterinaria 10 (2): 208-213.
- 2012**
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55. El-Zaeem, Samy Yehya; **M. M. M. Ahmed**, Mohamed El-Sayed Salama and Walid N. Abd El-Kader (2012): Flesh quality differentiation of wild and cultured Nile tilapia (*Oreochromis niloticus*) populations, African Journal of Biotechnology Vol. 11(17), pp. 4086-4089.
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