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| Saud Ibrahim Al-Mufarrej | **Name:** |
| Married | **Marital Status:** |
| Poultry Diseases and Immunology | **Major Field:** |
| Virus isolation and identification with major concern on alternative treatment for poultry disease. Also work as laboratory and cleanroom consultant with ARASCO. | **Research Interest**: |
| P. O. Box 103133, Riyadh, 11695 or P.O. Box 2460, Riyadh, 11451 Kingdom of Saudi Arabia  Tel. (Office) Direct 00966 1 467-8486  Mobile 00966 504434638  Fax. 011 4678474  E-mail.  [smufarej@yahoo.com](mailto:smufarej@yahoo.com)  [salmufarrej@ksu.edu.sa](mailto:salmufarrej@ksu.edu.sa)  [almufarrej7@gmail.com](mailto:almufarrej7@gmail.com) | **Address:** |
|  | **Educational** |
| PhD: From the University of Liverpool, Liverpool, UK. Thesis Title (Comparison of Avian Reoviruses Using Biochemical, Serological and Immunological Methods). | **1989-1993:** |
| BVSc &AR from College of Veterinary medicine and Animal Resources, King Faisal University, Al-Ahsaa- Saudi Arabia. | **1983-1987:** |
| Vice Dean for Higher Studies and Scientific Research in The College of Food and Agriculture Science. | **2010-2016:** |
| Head of the Biodiversity program which joint with College of Science, and College of Food and Agriculture Sciences, King Saud University | **2008-2012:** |
| Founding and director of Inspection and Diagnostic, Analytical and Consultation Laboratories (IDAC) In Riyadh K.S.A. | **1999-2008:** |
| Professor, Department of Animal production, College of Food Science and Agriculture, King Saud University, Saudi Arabia. | **2002-2013:** |
| Associate Professor, Department of Animal production, College of Food Science and Agriculture, King Saud University, Saudi Arabia. | **2002-2013:** |
| Assistant Professor, Department of Animal production, College of Food Science and Agriculture, King Saud University, Saudi Arabia. | **1994-2002:** |
| Teaching Assistant, Department of Animal Production, College of Food Science and Agriculture, King Saud University, Saudi Arabia | **1989-1994:** |
|  | **Teaching Experience** |
| **1-** Teaching Poultry Disease for undergraduate students (Practical and Theory).  **2-** Teaching Immunology and Vaccination for undergraduate Students (Theory).  3- Teaching poultry physiology for undergraduate students (Practical and Theory).  **4-** Teaching principle of poultry and animal health for Under- graduate students (Practical and Theory  **5-** Teaching Practical an aspect in animal and poultry health for Undergraduate students  **6-** Teaching Advance of Poultry Health for post-graduate students (Theory).  **7-** Teaching Selective Topic in Poultry Health for post-graduate students (Theory). | **1994- Up to date** |
|  | **Scientific Activity:** |
| Supervisor on MSc and PhD students working on the following projects: 2003-current | **A.**  **Postgraduate Supervision:** |
| **1.** The efficiency of immunization with dead polyvalent vaccines using day-old Chicks. 1421  **2.** Effectiveness of Some Organic Acids in Microbial Decontamination of Poultry Meat. 1429  **3-** Effect of Chinese Star anise (*Illicium verum* *L.*) on the Performance and immunity of Broiler Chicks. 2013.  **4.** The inhibitory activity of *Illicium verum* Avian microorganisms its effect on Performance of Broiler Chickens and antioxidant activity in their Tissues 2015.  **5.** Effect of Turmeric (*Curcuma Longa*) Root powder on immune responsiveness, Blood Biochemistry Parameters, Performance Broiler Chickens and antioxidant activity in their Tissues. 2015 |  |
| **1-** Effect of Short-Term Exposure to High Temperature on the Humoral Immune Response of Baladi and SCW Leghorn Chickens. 1996  **2-** Effect of Arabian Coffee and its Additives on Immune Response and Plasma Lipids in Rats.  **3-** Serological Studies on Some Equine Diseases in the Kingdom of Saudi Arabia. 1424  **4-** Effect of Source and Level of Chromium on Performance and Immune Response of Tilapia Fish.  **5-** Effect of Dietary Supplementation of probiotic, prebiotic and Synbiotic on blood Parameters, antioxidant capacity and intestinal Histopathology changes in the broiler chickens. 2016.  **6-** Effect of Supplementation Chromium Level of on Production Characterizations, blood Parameters and Immune Status of stressed Lambs. | **B.**  **Postgraduate Co-Supervision** |
| **1-** Consultant member of a team to review the spread of AI in requested by the Ministry of Agriculture.  **2-** Review of scientific articles for local and international journals.  **3-** Review of scientific projects submitted to the King Abdul-Aziz for Science and Technology.  **4**- Consultant with PwC in the initiative No. 4 Poultry Development. 2015-2016 | **C.**  **Scientific Consultations:** |
|  | **Scientific Publication** |
| **1-** Jones, R. C., **Al-Mufarrej, S. I.** Al-Afaleq, A.I. (1990). Some recent finding in Avian reovirus research. Paper presented to theBritish veterinary poultry Association, Winter Meeting Warwick.  **2-** Jones, R. C., **Al-Mufarrej, S. I.** Al-Afaleq, A.I. (1992). Observation on trypsin-sensitive avian reoviruses. Paper presented to the Annual Meeting of American veterinary Medical association. American Association of Avian Pathologist section. Boston, Massachusetts.  **3-** Curtis, P. E., **Al- Mufarrej, S. I.,** Jones, R. C., Morris, J. and Sutton, P. M. **(1992) .** Tenosynovitis in young pheasants associated with reovirus, staphylococci and environmental factors .*The Veterinary Record*, 131:293.  **4- S.I. Al-Mufarrej, Savage C.E. and R.C. Jones (1992).** Simulated and actual egg-transmission of avian reovirus: comparison of trypsin-sensitive strain with trypsin-resistant one. Paper presented to the annual conference of association of veterinary teachers and research workers. Scarborough, Yorkshire.  **5**-  **Al-Mufarrej, S. I.,** Meanger, J and Jones, R. C. (1993). Sensitivity of avian reoviruses to digestive enzyme. Paper presented to the annual Conference of the association of veterinary teachers and research workers. Scarborough, Yorkshire.  **6-** Jones, R. C., Al-Afaleq, A. **Al-Mufarrej, S. I.,** Mosos, N. A. Savage, C. E. , Meanger, J. Islam, M.R. **(1996).** The enigma of trypsin-sensitive avian reoviruses. *Proceedings of International Symposium of the World Veterinary Poultry Association*, Giessen, 241-244.  **7-** **Al-Mufarrej, C. E.** Savage, and R. C. Jones, **(1996).** Egg-transmission of avian reoviruses in chickens: comparison of a trypsin-sensitive and a trypsin-resistant strain. Avian Pathology, **25**, 469-480.  **8-** M.F. Hussein, **S.I. Al-Mufarrej,** H.H. Mogawer, A.R. Gar El Nabi, H.H. Sanad “ Serum Iron and Iron Binding Capacity in the Arabian Camel (*Camelus dromedarius)*” J. Appl. Anim. Res. **1997**, 11: 201-205.  **9-** **S.I. Al-Mufarrej,** M.S.A. El-Sarag “Effects of Royal Jelly on the Humoral Antibody Response and Blood Chemistry of Chickens”. J. Appl. Anim. Res. **1997**, 12: 41-47.  **10-** Abdulaziz A. Al-Bisher, **Saud I. Al-Mufarrej**, A.K.A. Ali, Mansour F. Hussein “ Effect of Short Term Heat Stress on Antibody Production and Blood Constituents of Baladi and Leghorn Chickens” J. Appl. Anim. Res. **1998,** 13: 119-128.  **11**- M.A. Al-Shaikh, **S.I. Al-Mufarrej,** H.H. Mogawer “Effect of Fenugreek Seeds (*Trigonella foenumgraecum L)* on Lactational Performance of Dairy Goat” J. Appl. Anim. Res. **1999**, 16: 177-183.  **12-** Mansour F. Hussein and **S.I. Al-Mufarrej** “Some Clinicopathologicl Aspects of Camel pox in Saudi Arabia” J. King Saud Univ. Agric. Sci., Kingdom of Saudi Arabia, **1999,** Vol.11: 113-120.  **13-** **Saud I. Al-Mufarrej**, Abdul Aziz A. Al-Bisher, Mansour F. Hussein “ Effect of Short Term Heat Stress on the Immune Function of Chickens: Review” J. King Saud Univ. Agric. Sci., Kingdom of Saudi Arabia, **1999**, Vol. 11: 57-71.  **14-** T. M. Shafey, **S. Al-Mufarrej**, M. I. Shalaby and A.J. Jarelnabi “ The effect of feeding Mannan-Oligosaccharides on the performance of meat chickens under two different vaccination programs” Asian-Australasian Journal of animal sciences. **2001** 14 (4) 559-563.  **15-** T. M. Shafey, **S. Al-Mufarrej**, M. I. Shalaby and A.J. Jarelnabi “The effect of feeding Mannan-Oligosaccharides on antibody response to infectious bronchitis, infectious bursal disease and Newcastle disease in chickens” J. Appl. Anim. Res. **2001**, 19: 117-127.  **16-** Hamad A. Al-Batshan, **Saud I. Al-Mufarrej**, Ali A. Al-Homaidan, and M. A. Qureshi “ Enhancement of chicken macrophage phagocytic function and nitrite production by dietary *Spirulina Platensis*” *Immunopharmacology and Immunotoxicology* 23 (2) **2001**  **17-** **Saud I. Al-Mufarrej** “Clinicopathologicl studies on experimentally induced reovirus infection in chickens” Zag. Vet. J. **2000 (28)** 125-138.  **18-** **Saud I. Al-Mufarrej** “Avian Reoviruses from Broiler Chickens with Tenosynovitis / Viral Arthritis in Saudi Arabia” Zag. Vet. J. **2001 (29)** 43-47.  **19-** Mansour F. Hussein and **Saud I. AL-Mufarrej (2004).** A Review Article: Prion Diseases: (I) The Etiology of Diseases Sci. J. K.F.U (Basic and Applied Sciences)Vol. 5 No.1 47-64  **20-** Mansour F. Hussein and **Saud I. AL-Mufarrej (2004).** Prion Diseases: A Review II. Prion Diseases in Man and Animals Sci. J. K.F.U (Basic and Applied Sciences) Vol.5 No.139-166  **21-** T. M.SHAFEY, **S. AL-MUFAREJ,** AND H.A.AL-BATSHAN **(2006).** Effect of Electric Field During Incubation of Eggs on the Immune Responses of Hatched Chickens. Electromagnetic Biology and Medicine, 25: 163-175  **22- S. I. Al-Mufarrej,** A. M. Hassib, M. F. Hussein (2006). Effect of Melanin Extract from Black Cumin Seeds (*Nigella sativa L*.) on Humoral Antibody Response to Sheep Red Blood Cells in Albino Rats**.** J. Appl. Anim. Res. 29: 37-41 5  **23- S. I. Al-Mufarrej,** H. A. Al-Batshan, M. I. Shalaby and T.M. Shafey **(2005).** The Effects of Magnetically Treated Water on the Performance and Immune System of Broiler Chickens. International Journal of Poultry Science 4 (2): 96-102  **24- S.I. Al-Mufarrej,** E.M.E. Abu-Elzein, M.F Hussein, Gar Al-Nabi and H. Bushara **(2006).** Recent Fulminant Incursions of Rabbit Haemorrhagic Disease (RHD) in Saudi Arabia. J. Anim. and Vet. Advances 5 (9): 775-777  **25-** M.Y. Al-Saiady, M.A. Al-Shaikh, **S.I. Al-Mufarrej,** T.A. Al-Showeimi, H.H. Mogawer, A. dirrar **(2004).** Effect of chelated chromium supplementation on laction performance and blood parameters of Holstein performance and blood parameters of Holstein cows under heat stress**.** Animal Feed Science and Technology 117: 223-233  **26-** Al-Saiady, M.Y. Al-Shaikh, M.A. Mogawer, H.H. **Al-Mufarrej, S.I.** and Kraidees, M.S **(2007).** Effect of Feeding Different Levels of Fenugreek Seeds (Trigonella foenum-graecum L) on Milk Yield, Milk Fat and Some Blood Hematology and Chemistry of Ardi Goat. J. Saudi Soc. For Agric. Sci. Vol. 6, No 2: 62- 70  **27- S. I. Al Mufareej1**, Hamid Omer Bushara2, Ibrahim El-Zein Abdel Rahman2 and Allan B. Ole Kwallah2 **(2010)** *Mycobacterium avium* subsp. paratuberculosis detection in Saudi camel herds using Zeihl-Nelseen, Elisa and PCR diagnostic methods. *J. Saudi Soc. For Agric. Sci.* Vol. 9 (1) 48-55.  **28-** **S. I. Mufarrej,** G. A. Salem and I.A. Elzain. (2010) Chemical Constituents and Antimicrobial Activity of Essential Oils Extract from Spices/Herbs used in Saudi Arabia. *J. king Saud Univ., Vol. 22, Agric. Sci.* (1), PP. 15-27.  **29**-Magzoub, M.B., H.A. Al-Batshan, M.F. Hussein, **S.I. Al-Mufarrej** and M.Y. Al-Saiady, 2010. The effect of source and level of dietary chromium supplementation on performance, chemical composition and some metabolic aspects in hybrid tilapia fish (*Oreochromis niloticus* x *O. aureus*). Res. J. Biol. Sci., 5: 164-170.  **30-** Magzoub, M.B., H.A. Al-Batshan, M.F. Hussein, **S.I. Al-Mufarrej** and M.Y. Al-Saiady, 2010. The Effect of Source and Level of Dietary Chromium Supplementation on Humoral Antibody Response and Blood Chemical Parameters in Hybrid Tilapia Fish (Oreochromis niloticus x O. aureus). Res. J. Biol. Sci., 7: 821-827  **31-** Hussein MF, **Al Mufarrej SI**, Al Jumaah RS, Al-Saiady MY, A Gar El Nabi AR and Abu Zaid TS (2011). Serological Prevalence OF *Toxoplasma Gondii* And Its Association With Abortion IN Sheep IN Saudi Arabia. Acta Veterinaria (Beograd), Vol. 61, No. 4, 405-414.  **32-** T.M. Shafey, R.S. Aljumaah, S.A. Swillam, **S.I. Al-Mufarrej**, A.A. Al-abdullatif, M.M. Ghannam.2011. Effects of short term exposure of eggs to magnetic field before incubation on hatchability and post-hatch performance of meat chickens. Saudi Journal of Biological Sciences 18, - 381-386. 6  **33-** **S.I. Al-Mufarrej**, M.F. Hussein, R.S. Aljumaah and A.R. Bar El Nabi, (2011) Toxoplasmosis in Goats in Riyadh, Saudi Arabia. Journal of Animal and Veterinary Advances 10 (21): 2779-2782.  **34-** Mohamed A. Abouheif , Mohamed Y. Al-Saiady , **Saud I. Al-Mufarrej** , Aziz Makkawi , Hafiz A. Ibrahim and Riyadh S. Aljumaah (2012) Effect of Physical Form of Diet and Frequency of Feeding on Digesta Retention Time and Digestion in Najdi Lambs. *Journal of Animal and Veterinary Advances*11 (11), 1774-1779.  **35-** **S.I. Al-Mufarrej** (2013) A Comparative Study of Two Vaccines Against Infectious Bursal Disease in Newly Hatched Broiler Chickens. Agricultural Journal 8 (2): 101-105.  **36- S.I. Al-Mufarrej (**2013) Immune-responsiveness and performance of broiler chickens fed black cumin (*Nigella Sativa* L.) powder. Journal of the Saudi Society of Agricultural Sciences (2013) xxx, xxx–xxx.  **37-**Tarek Mohamed Shafey**, Saud Ibrahim Al-Mufarrej a**nd Hamad Abdul-Aziz Albatshan**. (2013).** Effect of Feeding Olive Leaves on the Performance, Intestinal and Carcass Characteristics of Broiler Chickens. *INTERNATIONAL JOURNAL OF AGRICULTURE & BIOLOGY*. 15–3–585–589.  **38-** Tarek M. Shafey , Ibrahim M. Al-Ruqaei and **Saud I. Al-Mufarrej** (2013) Effect of Feeding Olive Leaves Extract (Oleuropein) on the Performance, Nutrient Utilization, Small Intestine and Carcass Characteristics of Broiler Chickens. *Journal of Animal and Veterinary Advances***,** 12 (6), 740-746**.**  **39- M.A.A. Qasem, M.S. Alhajj, A.R. Jar El Nabi & S.I. Al-Mufarrej. (2016)** Effects of dietary supplement of turmeric powder *(Curcuma longa)* on blood biochemistry parameters and antioxidant activity in chickens**.** *South African Journal of Animal Science, 46 (No. 2)*  **40- M.S. Alhajj, M. Alhobaishi, A.R. Jar El Nabi and S.I. Al-Mufarrej (2017).** Effect of Chinese star anise (*Illicium verum Hook. f*) on the blood biochemical parameters and antioxidant status in the serum and tissues of broiler chickens. *J. King Saud Univ*., Vol. 27, *Agric. Sci.* (1), pp. 15-23.  **Books:** Avian Diseases By M.F Hussein and **S.I. Al-Mufarrej**   1. Accreditation report Standards of the Educational Institution 2009 2. Being a Leading Academic through Turbulent times. 2010 3. Peer Consultation for Improving Teaching 2010. 4. Active learning 2010 5. Outcome-Based learning 2009 6. Blended learning: Application in Blackboard 2011. 7. Website design and Management 2011. 8. ISO 9001:2008 Quality internal Auditor Course. 2009. 9. Internal Auditor: ISO 9001:2008 Training Course. 2011. By BSi 10. Negotiation Skills 2007. 11. Complete the Peer Consultation program 2010-2011. 12. Project Management professional 35 Hours. 13. اساسيات ادارة الجودة 14. Managing Quality: An International Perspective for Progressive Universities 2010. Cardiff -UK | **Training program** |
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