



Departmental Address:

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OBJECTIVE

I am working as an Assistant Professor in the Department of Zoology, College of Science, King Saud University, Riyadh from 30th Jan, 2009 till now. Being a scientist, I want to contribute my knowledge in the fields of Parasitology, clinical toxicology and malaria for the betterment of the society. Besides, I am also enthusiastic to share my knowledge and experience with the new generation to prepare them to face upcoming challenges in Biological Sciences. Moreover, I shall try my best to contribute with my knowledge, skills and experience to enhance the reputation and growth of my institute in every possible manner.

PROFILE

- I have been taking theory classes of , Zoo-145, Zoo 212 and laboratory techniques Zoo 431
- I have been taking **lab classes of graduation and post-graduate (Master) students** for the last eight years for histology, general Zoology courses in zoology (**ZOO-145, ZOO-212, ZOO-531**)
- Co investigator in the project entitled "Documentation of Ethnoveterinary Medicinal Practices and Scientific Validation of Some Traditionally Used Ethnobotanicals for their Anthelmintic Activity" wide grant no 14-AGR95- 02 total grant 1.3 Million Saudi Riyals
- Identified mutations in nucleotide sequences of DHFR and DHPS of Plasmodium falciparum and Plasmodium vivax at different codons which showed great variations in different regions of India. It is therefore emphasized that the antimalarials used to treat resistant cases must be in accordance with the level of mutations in different areas and there may not be a uniform drug policy to treat malaria throughout the country.
- Identified all the Anopheline species operating in Aligarh. For Vector incrimination screened all the anthropophilic Anopheline species and declared *Anopheles stephensi* and *culicifacies* as principal vector responsible for the transmission of malaria in Aligarh.
- Publication record includes over **21 research papers** in the high impact factor *ISI-indexed* journals of International repute.

ACADEMIC QUALIFICATIONS

Jan 30th 2009 till now Assistant Professor in the Department of Zoology, King Saud University, Riyadh, Saudi Arabia.

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| 2008 | Ph.D. (Zoology) awarded
Thesis title: “ <i>Vector screening, relapse and resistance patterns of malaria in Aligarh</i> ” |
| 2002 | Mater of Philosophy (Specialization in Zoology) <i>with 79%</i>
Dissertation Title: “ <i>Sporozoites positivity rate of Plasmodium and human being index of malaria vector in Aligarh</i> ” |
| 1997 | Master in Science Zoology having Parasitology specialization <i>with 65.9% from Aligarh Muslim University, Aligarh (India)</i> |
| 1195 | Bachelor in Science (Zoology Hons) <i>with 60.9% from Aligarh Muslim University, Aligarh (India)</i> |
| 1992 | Intermediate <i>with 62.3.2% from U.P.Board</i> |
| 1990 | High School <i>with 68.1% from U.P. Board</i> |

PROFESSIONAL QUALIFICATIONS

- UGC D.S. Kothari Post Doctoral Fellow

TEACHING EXPERIENCE

- Working as **an Assistant Professor teaching graduate and post graduate students** of life science and allied sciences (**ZOO-145, ZOO-461, ZOO-212, ZOO-534**) in King Saud University from Jan 2009 till now
- Have been **a teaching assistant and research associate** in Department of Zoology, Faculty of Life Sciences, Aligarh Muslim University, Aligarh, U.P., India (**2000-2008**).

Technical Experience:

- Flow cytometry (BD FACS)
- Cell culture
- Ouchterlony gel diffusion technique

- SDS-PAGE, Immuno Electrophoresis,
- Identification of Anopheles Mosquitoes,
- Diagnosis of Malaria parasite through blood smear examination,
- Identification to various protozoan through blood smear examination,
- Identification and isolation of amoebic cysts and helminthes eggs by using formal saline technique.
- Histopathological Techniques

Reviewers

ISI Indexed journals, Elsevier publication, academic publisher

RRESEARCH PUBLICATIONS

Research Articles (in *International* peer-reviewed journals)

1. **Wajihullah and Muheet, A. Saifi.** *An. culicifacies*, a Predominant vector of malaria in Aligarh. (2001). **Journal of Parasitic Diseases**.25 (1): 53-54.
2. **Mehrunnisa, Wajihullah, Muheet, A. Saifi and H. M. Khan.** Prevalence of malaria in Aligarh. (2001).**Journal of Communicable Diseases** 34(1): 70-77.
3. **Muheet, A. Saifi** and Wajihullah. Intestinal parasitic infestation among the primary school children in Ujhani, Budaun. (2001). **Journal of Parasitic Diseases**.25 (1): 26-29.
4. **Muheet, A. Saifi,** Wajihullah and Hasan, B. Intestinal Parasitic infection in the university campus of Aligarh.(2001). **Journal of Communicable Diseases** 33(3): 216-220.
5. **M.T. Alam, Hema Vora, P.K. Bharti, Muheet, A. Saifi, M.K.Das, Vas Dev, A. Kumar, N. Singh, A.P. Dash, B. Das , Wajihullah and Y.D. Sharma** Similar trends of pyrimethamine resistance associated mutations in *Plasmodium vivax* and *Plasmodium falciparum* (2007). **Antimicrobial Agent and Chemotherapy** 51(3): 857-863. **Impact Factor 4.34 (USA)**
6. **A. Ahmad, M K Das, Vas Dev, Muheet, A. Saifi, Wajihullah and Y.D. Sharma** Quadruple Mutations in Dihydrofolate Reductase of *Plasmodium falciparum* Isolates from Car Nicobar Island, India. (2006) **Antimicrobial Agent and Chemotherapy** 50(4): 1546-1549. **Impact Factor 4.34 (USA)**
7. **Muheet, A. Saifi.** Malaria: A long way to eradicate. (2009). Bull. Bio. Sci. Vol VII(3): 231-234.
8. **Muheet, A. Saifi, Wajihullah, M.I. Siddique and M.S. Al Khalifa.** Malaria: Patterns of relapse and resistance (2009). Journal of King Saud University, Science. Vol 21.

9. **Nuzhat Parveen, Muheet A. Saifi and GGHA, Shadab.** Cytogenetic evaluation of Fansidar on human lymphocyte chromosomes in vitro.(2011). Journal of Environmental Biology.32(1): 95-98 **0.63 Impact Factor**
10. Manish Kumar, Shadab Ahmad, Ejaz Ahmad, **Muheet Alam Saifi**, Rizwan Hasan Khan. In silico prediction and analysis of Caenorhabditis EF-hand containing proteins. Manish Kumar, Shadab Ahmad, Ejaz Ahmad, **Muheet Alam Saifi**, Rizwan Hasan Khan. **PloS one.** 01/2012; 7(5):e36770. · **4.09 Impact Factor**
11. A H Harrath, M Ahmed, S R Sayed, **M A Saifi**, S H Alwasel. An ultrastructural study of oogenesis and cell dynamics during cocoon shell secretion in the subterranean freshwater planarian Dendrocoelum constrictum (Platyhelminthes, Tricladida). **Tissue & cell.** 10/2012; · **1.04 Impact Factor**
12. **Muheet Alam Saifi**, Tanveer Beg, Abdul Halim Harrath and Fahad Suleman Hamad Altayalan . Is chloroquine making a comeback? **African Journal of Pharmacy and Pharmacology** Vol. 6(36), pp 2646-2648, 29 September, 2012 **0.839 Impact Factor**
13. **Muheet Alam Saifi.** Influence of chronic administration of chloroquine on gastrocnemius muscle and spleen of Swiss albino mice. **African Journal of Pharmacy and Pharmacology** Vol. 6(36), pp 2646-2648, 29 September, 2012 **0.839 Impact Factor**
14. Muheet Alam Saifi, Tanveer Beg, Abdul Halim Harrath, Fahad Suleman Hamad Altayalan, Saleh Al Quraishy. Antimalarial drugs: mode of action and status of resistance. **African Journal of Pharmacy and Pharmacology.** 02/2013; 7(5):148-156. DOI:DOI: 10.5897/AJPPX12.015 **0.839 Impact Factor**
15. **Muheet A Saifi.** Incrimination of Malaria vectors in Aligarh district of Uttar Pradesh, India. Life Sci J 2013;10(4):1379-1381]
16. M. A. Saifi, **Mohamed S. Alyousif** and Abdullah D. Alanazi. (2014). Chlroquine: its biochemical effects on vital tissue of mice. Lat. Am. J. Pharm. 33(9): 1487-1491**0.34 Impact Factor**
17. Mikky A. Amoudi, Mohamd S. Alyousif, **Muheet A, Saifi** and Abdullah D. Alanazi (2015). A new species of plasmodiidae (Coccidia: Haemosporidia) from the blood of the skink *Scincus hemprichii* (Scincidae : Reptilia) in Saudi Arabia. **S J Bio Sci.** (In press) **0.78 Impact Factor**
18. **Muheet Alam Saifi**, Mohamd S. Alyousif and Mikky A. Amoudi, (2015). Screening of anopheline species and their plasmodium infection status in Aligarh, India. **S J Bio Sci.** (In press) **0.78 Impact factor**

19. **Muheet A Saifi, Mohamed S Alyousif and Mukhtar A Khan (2015)** Biochemical investigations on the protective role of curcumin in liver damage by Chloroquine. Int J Pharmacology 11(7): 870 **0.91 Impact Factor**
20. Abdullah D Alanazi, Mohamed S Alyousif, **Muheet A Saifi** and Ibrahim O Alanazi. (2016). Epidemiological Studies on Cutaneous Leishmaniasis in Ad-Dawadimi District, Saudi Arabia. Tropical J of Pharmaceutical Research. 2016; 15 (12): 2709-2712 **impact factor 0.781**
21. Mohamed S. Alyousif, **Muheet A. Saifi**, Mukhtar Ahmed and Sarah M. Alyousif, 2017. Histopathological changes induced by artesunate in liver of Wistar rat. Int. J. Pharmacol., 13: 104-108 **0.91 Impact Factor**

Communicated

1. Seroprevalence and risk factors of *Toxoplasma gondii* infection among pregnant women in Ad-Dawadimi, Saudi Arabia' by Abdullah D Alanazi, Mohamed S. Alyousif, Intisar E Elrayah, **Muheet Alam Saifi** and Suliman Y. Alomar. Tropical Biomedicine ISI **0.81 Impact Factor**
2. Protective Effects of Genistein against Various Forms of Toxicity' By **Muheet Alam Saifi**, MOHAMED Saleh ALYOUSIF, Tanveer beg and Yasir Hasan Siddique . Lat. Am. J. Pharm. **0.34 Impact Factor**
3. Surface topography of the anterior adhesive apparatus of the gill monogenean parasite *Diplectanum* sp. Diesing, 1858. Abdel Aziz A. Khidr , Ola A. Abu Samak , Ashraf, E. Said Abdullah D. Alanazi Marwa , M. Abou Hadied , Mohamed S. Alyousif and Muheet A. Saifi [ACTA BIOL HUNG](#) **0.52 Impact Factor**

OTHER CURRICULAR ACTIVITIES

- **Conference and Workshop Attended:**
- 88th Indian Science Congress held at IARI, New Delhi from 3-7 Jan 2001
- 15th National Congress of Parasitology sponsored by Indian society for Parasitology held at Jodhpur from 1 st Oct-3 rd Oct 2001

- 16 th National Congress of Parasitology sponsored by Indian Society for Parasitology held at Bareilly from 31 st Oct-2 nd Nov 2002
- DBT sponsored workshop on “Bioinformatics tools in Biology.” Organized by Interdisciplinary Biotechnology Unit of A.M.U., Aligarh on 9-10 th March 2004.
- Workshop on “Distribution of the toxic samsun ant in the Kingdom of Saudi Arabia and the use of its toxins as natural products in the treatment of breast cancer” Organised by the Department of Zoology, King Saud University on 24-26 May 2010

PERSONAL INFORMATION

Name	:	Dr. Muheet Alam Saifi
Father's name	:	Late Mr. Abdul Hafeez
Date of birth	:	30 th January, 1975
Gender	:	Male
Nationality	:	Indian
Language proficiency:		English, Hindi, Urdu and Arabic
Soft skills:		MS office, Statistical Analysis, Adobe, Expert with internet and browsing.
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REFEREES

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I, hereby declare that all information furnished above is true to the best of my knowledge.

(Dr. Muheet Alam Saifi)