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Academic Qualification

- **Ph.D.** on the title: “*Studies on molecular, immunological and biochemical characterization of human and animal filarial parasites*” from Integral University Lucknow collaboration with CDRI, Lucknow in 2014.
- **M.Sc.** in **Microbiology** from Integral University Lucknow, India in 2008
- **B.Sc.** in, Botany, Zoology & Chemistry from M J P R University, Bareilly, India in 2006
- **PG Diploma** in **Nano-biotechnology** From Department of Nano-Biotechnology, Life Science Foundation India, Karnataka India in 2013.

Teaching experience

- **September 2018 –Till date – Assistant Professor** Department of Biology College of Sciences University of Hail, Hail, KSA.
- **December 2014 –August 2018– Assistant Professor** Department of Clinical Laboratory Sciences College of Applied Medical Sciences University of Hail, Hail, KSA

Current Position Held

- **Associate Professor** of Immunology at Department of Biology, College of Sciences University of Hail, Hail, KSA.
- Honorary faculty member, **Novel Global Community Education Foundation, Australia.**
- **Quality Coordinator** (Vice Deanship Quality and accreditation) Department of Biology, University of Hail.
- **Chief Coordinator of** Immunology at Biology Department.
- **Chief Coordinator of** Animal Embryology at Biology Department.
- **Member** College Quality and accreditation Committee.
- **Head** Internal Auditing Committee (Vice-Deanship Quality and accreditation) Department of Biology, University of Hail
- **Member** auditing committee of deanship of quality and development (DQD) university of Hail.
- **Member** auditing committee of deanship of quality and development (DQD) College of Science University of Hail.

Funded Grants awarded as a Principal Investigator and CO- PI Principal Investigator:

1. Biological nanoparticles 'Exosomes' for the delivery of celastrol funded by RDO Ministry of Education Kingdom of Saudi Arabia. **(RDO-2003)**
2. Identification of potent phytochemicals against novel COVID-19: An *in-silico* approach for drug design for world pandemic, Funded by KACST. **(5-20-01-021-0005)**
3. Antidiabetic properties of a naphthoquinone pigment (shikonin) and its possibility of being a novel medicine: A computational approach, funded by Deanship of research University of Hail, hail, KSA **(RG-20 137)**

Co PI-

1. Molecular dysregulation of Toll like Receptor pathway by miRNA via p53 interaction" Funded by Research Deanship University of Hail, Hail KSA.
2. Effect of Polyherbal drug extract on diabetic nephropathy in experimental rat model, funded by Deanship of research University of Hail, hail, KSA. **(RG 20042)**
3. Immune response associated breast cancer skeletal metastases: experimental study of inflammation and beneficial effect of an adjuvant and hairy garlic, funded by Deanship of research University of Hail, Hail, KSA. **(RG-20 070)**
4. Developing natural anti-diabetes compounds as treatment agents against Alzheimers disease: a new dual therapeutic strategy; Deanship of Scientific Research University King Khalid University Abha. **(RGP. ٤٢/٤٨/١)**
5. Seroepidemiology of Chlamydia pneumoniae infection in a Saudi population, Funded by Research Deanship University of Hail, Hail KSA. **(Completed Project)**

No of publication in various journals: 52

5 Recent Publications:

1. **Saeed M**, Shoaib A, Kandimalla R, Javed S, Almatroudi A, Gupta R, Aqil F. Microbe-based therapies for colorectal cancer: Advantages and limitations. *Semin Cancer Biol.* 2021 May 18: S1044-579X(21)00148-6.
2. Srivastava, M., Srivastava, N., **Saeed, M.**, Mishra, P. K., Saeed, A., Gupta, V. K., & Malhotra, B. D. (2021). Bioinspired synthesis of iron-based nanomaterials for application in biofuels production: A new in-sight. *Renewable and Sustainable Energy Reviews*, 147, 111206.
3. **Saeed M**, Saeed A., Alam MJ. And Alreshidi M; Computational Hunting of natural active compounds as an alternative for Remdesivir to target RNA-dependent polymerase. *Cellular and Molecular biology.* 67, no. 1 (2021): 45-49. **(IF: 1.2)**
4. **Saeed M**, Saeed A., Alam MJ. And Alreshidi M. Identification of Persuasive Antiviral Natural Compounds for COVID-19 by Targeting Endoribonuclease NSP15: A Structural Bioinformatics Approach. *Molecules.* 2020 Dec 1;25(23):5657. **[IF: 3.26]**
5. **Saeed M**, Saeed A, Alam MJ, Alreshidi M. Receptor-Based Pharmacophore Modeling in the Search for Natural Products for COVID-19 M^{pro}. *Molecules.* 2021 Mar 11;26(6):1549. doi: 10.3390/molecules26061549. PMID: 33799871; PMCID: PMC8000608.

Google scholar:

https://scholar.google.com/citations?hl=en&user=ZlbGfDgAAAAJ&view_op=list_works&sortBy=pubdate