

Curriculum Vitae

DR. ASIF JAFRI

(Assistant Professor)

Department of Zoology

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ACADEMIC AND PROFESSIONAL QUALIFICATIONS

- Completed **Ph.D.** on the topic “**Effect of selected phytochemicals on proliferation and apoptosis of sarcoma and carcinoma cells: Cellular and molecular study**” under the supervision of **Prof. Sudhir Kumar & Dr. Md Arshad** in the Department of Zoology, University of Lucknow, Lucknow on July 27, 2021.
- **M.Sc. (Zoology)** from Department of Zoology, University of Lucknow, Lucknow in 2009.
- **B.Sc. (ZBC)** from Shia PG College, University of Lucknow, Lucknow in 2007.
- **Intermediate** from Shia Intermediate College, Lucknow affiliated to Board of High School and Intermediate Education Uttar Pradesh, Allahabad in 2004.
- **High School** from National Inter College, Lucknow affiliated to Board of High School and Intermediate Education Uttar Pradesh, Allahabad in 2002.

RESEARCH EXPERIENCE

- **Council of Scientific and Industrial Research- Senior Research Fellow (CSIR- SRF)** from May 1, 2018 to till date.
- **Senior Research Assistant** in **Council of Science and Technology, U.P.** Project entitled “*Study of phytochemicals in medicinal plants and their activity in osteosarcoma cell lines: Proliferation and Apoptosis*” from June 17, 2015 to June 16, 2017 under the supervision of **Dr. Md Arshad** (Assistant Professor), Department of Zoology, University of Lucknow, Lucknow-226007.
- **Research Scholar** in the Department of Zoology, University of Lucknow, Lucknow from November 2014.
- **Project Fellow** in **UGC Major Research Project** entitled “**Anticarcinogenic potential of Withania somnifera (aswagandha), Accanthus, Morinda citrifolia (NONI) and Actinidia chinensis (KIWI) and other extracts used as traditional medicine in India**” from December 1, 2012 to November 8, 2014 (Two years) under the supervision of **Dr. Md Sultan Ahmad** (Assistant Professor), Department of Zoology, Shibli National Post Graduate College, Azamgarh-276001, UP, India.

RESEARCH INTEREST

- Study and screening of potent phytochemicals from promising medicinal plants and evaluation of their anti-cancerous and apoptotic activities on various cancerous cells

- Anti-proliferative and cytotoxic activities of some natural/ synthesized compounds and nanoparticles on cancerous cells and normal cells

Research Publications

As a First Author/ Equal Contribution / Corresponding Author

1. **Jafri A**, Siddiqui S, Rais J, Ahmad MS, Kumar S, Jafar T, Afzal M, Arshad M. Induction of apoptosis by piperine in human cervical adenocarcinoma via ROS mediated mitochondrial pathway and caspase-3 activation. **EXCLI Journal** (2019) 18:154-64 (**IF: 4.6**).
2. **Jafri A**, Bano S, Rais J, Khan F, Shivnath N, Sharma AK, Arshad M. Phytochemical screening of Sterculiafoetida seed extract for anti-oxidant, anti-microbial activity, and detection of apoptosis through reactive oxygen species (ROS) generation, mitochondrial membrane potential (MMP) decrease, and nuclear fragmentation in human osteosarcoma cells. **Journal of Histotechnology** (2019) 42:68-79 (**IF: 1.1**).
3. Chowrasia D, **Jafri A**, Azad I, Rais J, Sharma N, Khan F, Kumar A, Kumar S, Arshad M. In vitro and in silico growth inhibitory, anti-ovarian & anti-lung carcinoma effects of 1, 5 diarylpenta-1, 4-dien-3-one as synthetically modified curcumin analogue. **Journal of Biomolecular Structure and Dynamics** (2021) 10:1-8 (**Equal Contribution and Corresponding Author**) (**IF: 4.4**).
4. **Jafri A**, Amjad S, Bano S, Kumar S, Serajuddin M, Arshad M. Efficacy of Nano-phytochemicals Over Pure Phytochemicals Against Various Cancers: Current Trends and Future Prospects. **Nanomaterials and Environmental Biotechnology**, Springer, Cham (2020) 407-424.
5. Rais J, **Jafri A**, Bano S, Shivnath N, Tripathi M, Arshad M. Anti-proliferative and apoptotic effects of *Rheum emodi* on human breast adenocarcinoma, MCF-7 cells, and antimicrobial effectiveness against selected bacterial strains. **Pharmacognosy Magazine** (2019) 15 (64), 237-242. DOI: 10.4103/pm.pm_674_18 (**Equal Contribution**) (**IF: 1.26**).
6. Bano S, **Jafri A**, Ahmad N, Sharma AK, Arshad M. A comparative antibacterial activity of three common spices extract and their anti-proliferative and apoptotic effectiveness against human breast adenocarcinoma cells. **Pharmacognosy Journal** (2019) 11(1) (**Equal Contribution and Corresponding Author**) (**IF: 0.258**).

Collaborative Research Publication / Co-author

7. Yadav T, Yadav A, **Jafri A**, Swaroop S. Association of ABCA1 gene with Coronary Artery Disease (CAD): an overview. **Egyptian Journal of Medical Human Genetics** (2023) 24(1):74 (**IF: 1.3**).
8. Shivnath N, Rawat V, Siddiqui S, **Jafri A**, Rais J, Gupta M, Khan MS, Arshad M. Phytochemicals enriched Punica granatum L. peel extract promotes the chondrocyte proliferation by inducing cell cycle progression and inhibiting of NO-induced cell death and ROS production. **Indian Journal of Traditional Knowledge (IJTK)** (2022) 21(1):17-28 (**IF: 1.091**).
9. Prakash O, Usmani S, Gupta A, **Jafri A**, Ullah MF, Wahab S, Arshad M, Kumar S. Bioactive extracts of *Ziziphus mauritiana* induces apoptosis in A549 human lung epithelial

- carcinoma cells through the generation of reactive oxygen species. **Current Cancer Therapy Reviews** (2022) 18(1):57-68. DOI: 10.2174/1573394717666210805115802 (IF: 0.6).
10. Iqbal MS, Iqbal Z, Hashem A, Al-Arjani AB, Abd-Allah EF, **Jafri A**, Ansari SA, Ansari MI. *Nigella sativa* callus treated with sodium azide exhibit augmented antioxidant activity and DNA damage inhibition. **Scientific Reports** (2021) 11(1):13954 (IF: 4.6).
 11. Pandey P, Khan F, Farhan M, **Jafri A**. Elucidation of rutin's role in inducing caspase-dependent apoptosis via HPV-E6 and E7 down-regulation in cervical cancer HeLa cells. **Bioscience Reports** (2021) 41(6):BSR20210670 (IF: 4.0).
 12. Khan F, Pandey P, Mishra R, Arif M, Kumar A, **Jafri A**, Mazumder R. Elucidation of S-allylcysteine role in inducing apoptosis by inhibiting PD-L1 expression in human lung cancer cells. **Anti-Cancer Agents in Medicinal Chemistry** (Formerly Current Medicinal Chemistry-Anti-Cancer Agents) (2021) 21(4):532-41 (IF: 2.8).
 13. Khan MF, Siddiqui S, Zia Q, Ahmad E, **Jafri A**, Arshad M, Jamal A, Alam MM, Banawas S, Alshehri BA, Baazeem A. Characterization and in vitro cytotoxic assessment of zinc oxide nano-particles in human epidermoid carcinoma cells. **Journal of Environmental Chemical Engineering** (2021) 9:105636 (IF: 7.7).
 14. Siddiqui S, Zia Q, Abbas M, Verma S, **Jafri A**, Misra D, Luqman S, Ahamed M, Ahmad MS, Arshad M. Antiproliferative Activity of *Cissus quadrangularis* L. Extract against Human Cervical Cancer Cells: In Vitro and In Silico Analysis. **Anti-cancer Agents in Medicinal Chemistry** (2021) 10.2174/1871520621666210210103729 (IF: 2.8).
 15. Hussain A, Gautam C, **Jafri A**, Mishra VK, Madheshiya A, Gautam A, Singh MK, Gautam RK, Gupta M, Arshad M, Vajtai R. Formation of multifunctional ZrO₂-MgO-hBN nanocomposite for enhanced bone regeneration and E coli bacteria filtration applications. **Ceramics International** (2020) 46(14):23006-20 (IF: 5.2).
 16. Jigyasu A, Siddiqui S, **Jafri A**, Arshad N, Lohani M, Khan I. Biological Synthesis of CdTe Quantum Dots and its Cytotoxic Assessment against Prostate Cancer Cell Line. **Journal of Nanoscience and Nanotechnology** (2020) 20 (6), 3398-3403 (IF: 1.354).
 17. Khan F, Pandey P, Jha NK, **Jafri A**, Khan I. Antiproliferative effect of *Moringa oleifera* methanolic leaf extract by down-regulation of Notch signaling in DU145 prostate cancer cells. **Gene Reports** (2020) 19:100619 (IF: 1.3).
 18. Khan F, Pandey P, Upadhyay TK, **Jafri A**, Jha NK, Mishra R, Singh V. Anti-cancerous effect of rutin against HPV-C33A cervical cancer cells via G0/G1 cell cycle arrest and apoptotic induction. **Endocrine, Metabolic & Immune Disorders-Drug Targets** (Formerly Current Drug Targets-Immune, Endocrine & Metabolic Disorders). (2020) 20(3):409-18 (IF: 1.9).
 19. Iqbal MS, **Jafri A**, Arshad M, Ansari MI. Stress response due to sodium azide treatment inside *Nigella sativa* L. Plant and its effect on anti-oxidative property. **Biocatalysis and Agricultural Biotechnology** (2019) 19:101171. (IF: 4).
 20. Amjad S, **Jafri A**, Sharma AK, Serajuddin M. A Novel Strategy of Nanotized Herbal Drugs and their Delivery in the Treatment of Diabetes: Present Status and Future Prospects. **Journal of Herbal Medicine** (2019) 2:100279 (IF: 2.3).
 21. Usmani A, Mishra A, Arshad M, **Jafri A**. Development and evaluation of doxorubicin self nanoemulsifying drug delivery system with *Nigella Sativa* oil against human hepatocellular carcinoma. **Artificial Cells Nanomedicine and Biotechnology** (2019) 47(1):933-44 (IF: 5.8).

22. Azad I, **Jafri A**, Khan T, Akhter Y, Arshad M, Hasan F, Ahmad N, Khan AR, Naseebullah M. Evaluation of pyrrole-2,3-dicarboxylatederivatives: Synthesis, DFT analysis, molecular docking, virtual screening and *in vitro* anti-hepatic cancer study. **Journal of Molecular Structure** (2019) 1176: 314-334 (**IF: 3.8**).
23. Usmani A, Mishra A, **Jafri A**, Arshad M, Siddiqui MA. Green synthesis of silver nanocomposites of Nigella sativa seeds extract for hepatocellular carcinoma. **Current Nanomaterials** (2019) 4(3):191-200 **SCOPUS (Cite Score 2.2)**.
24. Chowrasia D, Sharma N, Kumar A, Arshad M, Siddiqui S, **Jafri A**, Rais J. Synthesis modulation including structure establishment, anti-proliferative activity of some p-Aryl substituted (Z)-2-Cyano ethylideneacetohydrazides, and their structure activity relationship. **Current Science** (2018) 115 (12) 2287-2290 (**IF: 1.169**).
25. Chowrasia D, Sharma N, Kumar A, Dohrey V, Arshad M, **Jafri A**, Rais J, Gupta M, Sahabjada. Antiproliferative and antibacterial activity of some para-substituted benzylideneacetophenones and establishing their structure activity relationship. **Current Science** (2018) 114 (2) 391-396 (**IF: 1.169**).
26. **Jafri A**, Siddiqui S, Deep A, Arshad M. Induction of apoptosis by alpha-mangostin in human hepatocellular carcinoma cells via nuclear fragmentation and ROS dependent mitochondrial pathway. **Journal of Clinical and Experimental Hepatology** (2018) 8:S116 (**IF: 3**).
27. Siddiqui S, Ahamad MS, **Jafri A**, Afzal M, Arshad M. Piperine triggers apoptosis of human oral squamous carcinoma through cell cycle arrest and mitochondrial oxidative stress. **Nutrition and Cancer** (2017) 19:1-9 (**IF: 2.9**).
28. Rais J, **Jafri A**, Siddiqui S, Tripathi M, Arshad M. Phytochemicals in the treatment of ovarian cancer. **Frontiers in Bioscience Elite edition** (2017) 9:67-75 (**IF: 0.798**).
29. Singh RK, Singh AK, Siddiqui S, Arshad M, **Jafri A**. Synthesis, molecular structure, spectral analysis and cytotoxic activity of two new aroylhydrazones. **Journal of Molecular Structure** (2017) 1135:82-97 (**IF: 3.8**).
30. Ahamad MS, Siddiqui S, **Jafri A**, Ahmad S, Afzal M, Arshad M. Induction of apoptosis and antiproliferative activity of naringenin in human epidermoid carcinoma cell through ROS generation and cell cycle arrest. **PLoS ONE** (2014) 9(10):e110003 (**IF: 3.7**).

CONFERENCE PROCEEDING & BOOK CHAPTERS

1. **Asif Jafri**, Saima Amjad, Shabana Bano, Sudhir Kumar, M Serajuddin, Md Arshad. Efficacy of nano-phytochemicals over pure phytochemicals against various cancers: Current trends and future prospects. **Nanomaterials and Environmental Biotechnology**. 2020; eBook ISBN: 978-3-030-34544-0, p 407-424. **Springer, Cham**. Springer Nature Switzerland.
2. **Asif Jafri**, Juhi Rais, Sudhir Kumar, Md Arshad. Osteosarcoma cell culture and maintenance to detect the apoptotic effect of some promising compounds by potent markers viz. DNA fragmentation and Caspase-3 activation. **Protocols used in Molecular Biology**. 2020; eISBN: 978-9-811-43931-5, p 114-119. **Bentham Science Publishers Pte. Ltd.** Singapore.

3. Juhi Rais, **Asif Jafri**, Madhu Tripathi, Md Arshad. Culture and maintenance of human ovarian carcinoma cells for scrutinizing anti-cancerous activities of various compounds via some potent molecular markers. **Protocols used in Molecular Biology**. 2020; eISBN: 978-9-811-43931-5, p 120-125. **Bentham Science Publishers Pte. Ltd.** Singapore.
4. **Asif Jafri**, Sahabjada, Md Arshad, Sheeba Ahmad, Mohammad Sultan Ahamad. Piperine as a potential anti-cancer drug: A review. **Functional Biology and Biotechnology**. 2014; ISBN: 978-93-83083-58-9, p 114-116. **Excellent Publishing House**, New Delhi, India.
5. Sahabjada, Mohammad Sultan Ahamad, **Asif Jafri**, Afsana Khatoon, Ankur Kashyap, Md Arshad (2014) Antioxidant, osteogenic, antimicrobial and nutritional potentials of *Moringa oleifera*. **Functional Biology & Biotechnology**, ISBN-978-93-83083-58-9, p94-96. **Excellent Publishing House**, New Delhi.
6. Md Sultan Ahamad, Sheeba Ahmad, Afsar Ali, **Asif Jafri**, Sahabjada and Md Arshad (2014) Naringenin as a potential medicinal compound. **Nutritional and Health**, ISBN-978-93-83083-59-6, p73-77. **Excellent Publishing House**, New Delhi.

RESEARCH ABSTRACTS IN SYMPOSIA/CONFERENCES

1. **Asif Jafri**, Juhi Rais, Sahabjada Siddiqui, Sudhir Kumar, Md Arshad. Effect of α -mangostin in reduction of human hepatocellular carcinoma HepG2 cells growth and induction of apoptosis. International Virtual Conference on Biology in 21st Century: Transformation of Biological Sciences in Supporting the Sustainable Development Goals. P-23; June 17-30, 2020, Department of Zoology, Kongunadu Arts and Science College, Tamil Nadu, India.
2. **Asif Jafri**, Sudhir Kumar, Md Arshad. Diversity of promising Indian medicinal plants and their anti-cancer effectiveness against various cancers. A Webinar on Biodiversity, Wildlife and Traditional Knowledge. P-35; May 8-9, 2020. ENVIS-RP, Institute of Wildlife Sciences, ONGC Centre for Advanced Studies, University of Lucknow, Lucknow, Uttar Pradesh, India.
3. **Asif Jafri**, Juhi Rais, Neelam Shivnath, Sahabjada Siddiqui, Habiba, Sudhir Kumar, Md Arshad. Semecarpus anacardium extract inhibits the growth of human osteosarcoma cells and induces apoptosis via cell cycle arrest and nuclear fragmentation. 3rd International Conference on Nutraceuticals & Chronic Diseases (INCD-2018). P-142; September 14-16, 2018. Organized by Swami Rama Himalayan University (India), International Society of Nutraceuticals & Chronic Diseases and University of Tennessee Health Science Center (USA) at Cancer Research Institute, Himalayan Institute of Medical Sciences, Dehradun, India.
4. **Asif Jafri**, Juhi Rais, Sahabjada Siddiqui, Neelam Shivnath, Sudhir Kumar, M Serajuddin and Md Arshad. Sterculia foetida extract induces apoptosis in human osteosarcoma cells through ROS generation, MMP decrease and nuclear fragmentation. P-18; March 30-31, 2018. National Conference on Impact of Environmental Xenobiotics on Human Health and Biodiversity. Department of Zoology University of Lucknow, Lucknow in Collaboration with Department of Higher Education, Government of Uttar Pradesh, India .
5. **Asif Jafri**, Juhi Rais, Sahabjada Siddiqui, Sudhir Kumar, Md Arshad. α -Mangostin inhibits the growth and induces apoptosis of human ovarian carcinoma, PA-1 cells through cell cycle arrest, ROS generation and Caspase-3 activation. International Conference on Cell Death in Cancer and Toxicology (CDCT-2018). P-30; February 20-22, 2018. CSIR- Indian Institute of Toxicology Research, Lucknow, India.
6. **Asif Jafri**, Sahabjada Siddiqui, Juhi Rais, Sudhir Kumar, Md Arshad. Inhibition of cell proliferation and induction of apoptosis by piperine on human osteosarcoma cells. P-15-16,

- February 14-16, 2017. International Conference on Updates in Cancer Prevention and Research (ICUCPR-2017). Babasaheb Bhimrao Ambedkar University, Lucknow.
7. **Asif Jafri**, Sahabjada Siddiqui, Juhi Rais, Sudhir Kumar, Md Arshad. Antiproliferative effect of naringenin on human cervical carcinoma, HeLa cells through ROS generation and cell cycle arrest. P-134, January 22-25, 2017. First Indo- Russian Meet & 2nd International Conference on Biotechnological Advancements in Free Radical Biology and Medicine (Redox-Folio II ICBAFM- 2017). Department of Bio-Sciences, Integral University, Lucknow.
 8. **Asif Jafri**, Sahabjada Siddiqui, Juhi Rais, Sudhir Kumar and Md Arshad. Anti-cancerous and anti-proliferative effect of naringenin on HeLa cells lines of human cervix carcinoma. P-43; March 9-10, 2016. National Conference on Lifestyles and Chronic Diseases: A Threat to Sustainable Public Health. SKY Institute, Lucknow and Co-sponsored by Council of Science and Technology, U.P. and Department of Science and Technology, U.P. Govt.
 9. **Asif Jafri**, Sahabjada Siddiqui, Juhi Rais, Sudhir Kumar, Md Arshad. Antiproliferative and cytotoxic activity of piperine against PC-3 cell line of human prostate carcinoma. P-214; February 8-10, 2016. National Conference on Environmental Impact on Health and its Management: Eco-Friendly strategies and XXVII All India Congress of Zoology-2016. Department of Zoology, Centre for Advance Studies, University of Rajasthan, Jaipur.
 10. **Asif Jafri**, Sahabjada, Juhi Rais, Neelam, Vineeta, Md Arshad. Cancer: A global health problem and their treatment through natural herbs and medicinal plants. P-26; October 13-14, 2015. ICSSR Sponsored National Seminar on Social Ecology & Environmental Movements in India. Department of Sociology, Lucknow University, Lucknow.
 11. **Asif Jafri**, Sahabjada, Md Arshad, Md Sultan Ahamad. Anticancerous activity of *Withania somnifera* against prostate cancer cell line and oral squamous carcinoma cells. P-36; November 2-3, 2014. National Conference on Impact of Environmental Xenobiotics on Human Health and Biodiversity. Department of Zoology, Shibli National Postgraduate College, Azamgarh, Uttar Pradesh, India.
 12. Juhi Rais, Sahabjada Siddiqui, **Asif Jafri**, Madhu Tripathi and Md. Arshad. Ovarian cancer history and its subtypes. National Conference on Biotechnological Developments and Social Benefits present statu and Future Prospects, p-17, April 8-9, 2015, Sky Institute, Kursi Road, Lucknow-226026 Uttar Pradesh
 13. Sahabjada Siddiqui, **Asif Jafri**, Monisha Banerjee, Afsana Khatoon, Md Arshad. Evaluation of biphasic effects of *Moringa oleifera* leaf extract showing osteogenic and anti-osteosarcoma activity on human osteoblast like osteosarcoma cell line MG-63. "International Symposium on Current Advances in Radiobiology, Stem Cells and Cancer Research" p-84. Feb19-21, 2015, School of Life Sciences, Jawaharlal Nehru University, New Delhi
 14. M Arshad, Sahabjada Siddiqui, **Asif Jafri**, Madhu Gupta, Juhi Rais, M. Serajuddin, Environmental estrogens (Xenoestrogens) induces proliferation in ER positive carecinoma cell lines. National seminar on Life and Life Process: Sustainable Development, p-103, Feburary 19-21, 2015 Goa University, Taleigao Plateau, Goa
 15. Juhi Rais, Saima Amjad, Sahabjada Siddiqui, Neelam Shivnath, **Asif Jafri**, Madhu Tripathi, M Arshad, Ovarian cancer: An Overview, National Seminar on Life and Life Processes: Sustainable Development, p-81, Feburary 19-21, 2015, Goa University Taleigao Plateau, Goa
 16. MD Sultan Ahmad, Sahajada, **Asif Jafri**, Sheeba Ahmad, Mohd. Afzal, M Arshad, Cell viability and apoptotic activity of piperine through mechanism of reactive oxygen species generation, DNA fragmentation and cell cycle inhibition on Hela and KB cell lines. National seminar on threats to biodiversities and ecosystems; Impacts of developmental projects and climate change, P-166-67, November 17-19, 2014, Gurukula Kangari University, Haridwar.

17. **Asif Jafri**, Sahabjada, M Arshad, Md Sultan Ahmad, Anticancerous activity of *Withania somnifera* against prostate cancer cell line and oral squamous carcinoma cells National Conference on Impact on Xenobiotics on human health and biodiversity, p-36, November 2-3, 2014, Shibli National PG College, Azamgarh, Uttar Pradesh
18. Sahabjada, **Asif Jafri**, Md Sultan Ahmad, M Arshad, Constituents of peel extract of *Punica granatum* L. Cultivar by GC-MS and their biphasic effect on osteoblast differentiation and bone formation. National Conference on Impact on Xenobiotics on human health and biodiversity, p-44, November 2-3, 2014, Shibli National PG College, Azamgarh, Uttar Pradesh
19. **Asif Jafri**, Sahabjada, M Arshad, Sheeba Ahmad, Amina Jafri, Mohammad Sultan Ahmad, Piperin as a potential Anti-Cancer Drug; A Review. International Conference on Faunal Biodiversity and their Conservational Strategies, p-139, March 22-23, 2014. University of Lucknow, Lucknow
20. Mohmmud Sultan Ahmad, Sheeba Ahmad, Afsar Ali, **Asif Jafri**, Sahabjada, M Arshad, Naringenin as a potential Medicinal Compound. International Conference on Faunal Biodiversity and their Conservational Strategies, p-192, March 22-23, 2014, University of Lucknow, Lucknow
21. Sahabjada, Mohammad Sultan Ahmad, **Asif Jafri**, Afsana Khatoon, Ankur Kashyap, M Arshad, Antioxidant, Osteogenic Antimicrobial and Nutritional Potentials of *Moringa Oleifera*. International Conference on Faunal Biodiversity and their Conservational Strategies, p-193, March 22-23, 2014, University of Lucknow, Lucknow
22. Sahabjada, M. Gupta, V. Rawat, N. Shivnath, **A. Jafri**, M. Arshad. Evaluation of osteogenic anti proliferative activities of ethanolic extract of Indian medicinal plant *Cissus quadrangularis* on human osteoblast Saos-2 cell culture model. *International Conference on Nanoscience and Nanotechnology (ICNN-2013)* p-294, Nov 18-20, 2013, BBAU, Lucknow.
23. **A. Jafri** and M.J.A. Siddiqui. Conservation of biodiversity in prince of wales zoological garden, lucknow: A review. 22nd All India Congress of Zoology & National Seminar on Recent advances Biological Sciences: Biodiversity and human welfare p-16, December 29-31, 2011, Department of Zoology, University of Lucknow, Lucknow.
24. Gulraiz Ali, I Ahmad, **A. Jafri**, M. Arshad, A.A. Mahdi. In silico epitope prediction of Erp gene in *M. tuberculosis* H37 Rv. 1st Annual Conference of Society of Professional Biotechnologists on New Horizons of Biotechnology, p-28, December 1-2, 2009, Lajpat Bhawan, Kanpur.

WORKSHOP ATTENDED

1. **“DFAT-PSLP Training Workshop on Safe Water”** under the CSIRO-IITR-NBFGR Project from March 23-27 2015 at ICAR-National Bureau of Fish Genetic Resources, Lucknow and CSIR-Indian Institute of Toxicology Research, Lucknow, India.
2. **“One Day Training Programme on Biodiversity & its Conservation”** organized by Biodiversity and Wildlife Conservation Lab, Department of Zoology, University of Lucknow, Lucknow and Uttar Pradesh State Biodiversity Board, Lucknow, December 7, 2014
3. **“Training workshop on Recent Techniques in Cell & Molecular Biology”** in Department of Zoology, University of Lucknow, Sponsored by Centre of Excellence. UP Govt. and Indian Society of Cell Biology, November 21-22, 2014.
4. **“Traineeship in area of Education from National Science Centre”** (National Council of Science Museums) from Dec. 14, 2009 to Feb.13, 2011.

CONFERENCES/ SEMINAR/ SYMPOSIA

1. National Conference on **“Impact of xenobiotics on human health and biodiversity”** November 03-04, 2014, Department of Zoology, SNPG college, Azamgarh.
2. International Conference on **“Faunal Biodiversity and their Conservation Strategies”** March 22-23, 2014, Department of Zoology, University of Lucknow, Lucknow
3. 22nd All India Congress of Zoology & National Seminar on **“Recent advances in Biodiversity and human welfare”** December 29-31, 2011, Department of Zoology, University of Lucknow, Lucknow.
4. National seminar on **“Integrated therapeutic approach in the management of cancer”** March 26-27, 2011, UP Council of Science and Technology, Lucknow.

RESEARCH TEAM MEMBER

1. **“Hands-on Training workshop on Recent Techniques in Cell & Molecular Biology”** in Department of Zoology, University of Lucknow, Sponsored by Centre of Excellence. UP Govt. and Indian Society of Cell Biology, November 21-22, 2014.

EDITORIAL BOARD

1. **Editorial Board Member** of the **Journal of Diabetes Care & Endocrinology (JDCE)** published by PACSRAM publishing group USA.
2. Co-editor of souvenir & abstracts books in **“National Conference on Impact of Xenobiotics on Human Health and Biodiversity”** November 03-04, 2014, Department of Zoology, SNPG college, Azamgarh.
3. Co-editor of souvenir & abstracts books in **“International Conference on Faunal Biodiversity and their Conservation Strategies”** March 22-23, 2014, Department of Zoology, University of Lucknow, Lucknow.

MEMBER OF SCIENTIFIC SOCIETIES

- Life Member **Indian Science Congress Association (ISCA)** membership no. L27865.
- Associate Member **Institute of Research Engineers and Doctors (the IRED)** membership no. AM101000583910.

NATIONAL LEVEL EXAM QUALIFIED

- Qualified UP CET-2012 (Common Eligibility Test – Ph.D.) for Life Sciences conducted by Ram Manohar Lohia Awadh University Faizabad.

AWARDS/ EXTRA CURRICULAR ACTIVITIES

- Syed Mohammad Naqi Memorial **Scholarship** in B.Sc. from Shia P.G. College 2007 for scoring highest marks in that year.
- Volunteer in **National Service Scheme (NSS)** and attended both NSS Special Camps & 1 day Camps from Shia P.G. College, Lucknow in 2006-2007.
- Passed as a cadet from 64 U.P. Battalion, **National Cadet Corps (NCC)** Lucknow in 2001-2002 with “A” – Certificate Examination held in 2002 under the authority of Ministry of Defense, Government of India.

- Secured **First Position in Drill in C.A.T.C.** – 169 (NCC Camp) from 64 BN NCC, National Inter College, Lucknow.
- Second prize in essay competition on Rain Water Harvesting/ Water is essential for life on June 29,2013 organized by EXNORA Inovators Club Lucknow
- **Volunteer** in Saghan Pulse Polio Pratirakshan Mahaabhiyan, U.P. in 2001-2002 under the authority of Pariwar Kalyan Mahanideshalaya, U. P.
- Actively **participated in “Biodiversity Festival”** on International Day for Biological Diversity organized by Biodiversity and Wildlife Conservation Lab, Department of Zoology, University of Lucknow, Lucknow, U.P. State Biodiversity Board, Lucknow, Regional Science City Aliganj, Lucknow from May 17-22, 2015.
- Actively **participated in “WildLife Week”** organized by Biodiversity and Wildlife Conservation Lab, Department of Zoology, University of Lucknow, Lucknow, Regional Science City Aliganj, Lucknow and U.P. State Biodiversity Board, Lucknow from October 1-7, 2014.

Declaration: The above mentioned information is correct to the best of my knowledge and on given a chance, I will serve my duty with honesty and sincerity.

Place:

(Asif Jafri)

Date: