

## **DR. SHINAWAR WASEEM ALI**

Associate Professor of Food Technology (Tenured)

*HEC approved PhD supervisor*

Total citations: **527**; h-index: **10**; i10-index: **12**

Department of Food Sciences, Faculty of Agricultural Sciences,  
University of the Punjab, Quaid-i-Azam Campus,  
Canal Road, Lahore - 54590, Punjab province, Pakistan



### **PERSONAL DATA**

Date of Birth : December 10, 1978  
Marital Status: Married  
Nationality: Pakistani  
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### **ACADEMIC QUALIFICATIONS**

<b>Degree</b>	<b>Name of Institution</b>	<b>Major Subject</b>	<b>Year</b>	<b>Grade</b>
PhD	Nanjing Agricultural University, China	Food Safety & Toxicology	2010	Passed
M.Sc. (Hons)	University of Agriculture Faisalabad, Pakistan	Food Technology	2004	A
B.Sc. (Hons) Agriculture	University of Agriculture Faisalabad, Pakistan	Food Technology	2002	A

### **PROFESSIONAL EXPERIENCE**

08/2020 to till date: **Associate Professor**, University of the Punjab, Lahore, Pakistan.  
03/2012 to 08/2020: **Assistant Professor**, University of the Punjab, Lahore, Pakistan.  
10/2011 to 02/2012: **Assistant Professor**, University of Agriculture Faisalabad, Pakistan.  
04/2011 to 10/2011: **Assistant Professor**, Govt. College University Faisalabad, Pakistan.  
04/2010 to 04/2011: **Assistant Professor**, GC University Lahore, Pakistan.  
09/2005 to 04/2010: **PhD Studentship**, Nanjing Agricultural University, China.  
01/2004 to 02/2005: **Officer Quality Assurance**, K&Ns Foods (Pvt.) Ltd. Lahore, Pakistan.  
05/2002 to 08/2002: **Internee**, K&Ns Foods (Pvt.) Ltd. Lahore, Pakistan.

## RESEARCH PROFILE

### *PhD Supervision*

1. Studies on Biodiversity and Antibiotic Resistance of Bacteria in Locally Processed Yogurt: Razia Sultana, Thesis Submitted, 2021
2. Studies on Food Safety and Technological Quality of Wheat Grains Stored in a Conventional Warehouse: Muhammad Akhlaq, 2021
3. Screening and Characterization of Bacteriocins Producing Bacteria and Bacteriocins from Indigenous Curd (Dahi): Shazia Munim, 2020 (2<sup>nd</sup> Supervisor)

### *M. Phil Supervision*

1. Characterization of Ricotta cheese produced from commercially wasted Cheddar cheese whey: Aqsa Maqbool, M.Sc (Hons.) Thesis (2020)
2. Quality evaluation and safety assessment of frying oils and fats used by street vendors in Lahore: Sana Mushtaq, M.Sc (Hons.) Thesis (2020)
3. Determination of aflatoxins in selective cereals grains and spices using Enzyme-linked immunosorbent assay (ELISA): Muhammad Walid Tahir, M.Sc (Hons.) Thesis (2020)
4. Influence of hot-air drying on physico-chemical and functional characteristics of Aloe vera pulp: Sahabzada Hafiz Bayazeed, M.Sc (Hons.) Thesis (2020)
5. Characterization of Aloe vera juice prepared through different extraction technique: Tayyeba Arif Hashmi, M.Sc (Hons.) Thesis (2020)
6. Effect of drying on different quality parameters of dehydrated peas (*Pisum sativum*): Adnan Ali, M.Sc (Hons.) Thesis (2020)
7. Changes in physio-chemical properties of frying oil during repetitive deep frying of Nimko ingredients: Amir Wazir, M.Sc (Hons.) Thesis (2020)
8. Utilization of potato peel waste powder in the formation of cakes: Waqas Javed, M.Sc (Hons.) Thesis (2020)
9. Comparative quality assessment of different commercial brands of Ice Cream in the markets of Lahore: Qasim Ali, M.Sc (Hons.) Thesis (2020)
10. Studies on physico-chemical and sensory attributes of Aloe vera pickle: Arslan Khalid, M.Sc (Hons.) Thesis (2020)
11. Extraction of essential oil from different pine species and its application against food-borne microbes: Mahreen Riaz, M.Sc (Hons.) Thesis (2020)
12. Development and quality evaluation of Moringa olifera leaf powder based muffins: Nimrah Khan, M.Sc (Hons.) Thesis (2020)
13. Quality Parameters of frying Oil used for the frying of Aloe vera based batter coated Potato sticks: Ansar Ali, M.Sc (Hons.) Thesis (2019)
14. Optimization of Aflatoxins analysis in rice grains and estimation of dietary intake in the population of Lahore city: Samia Tahir, M.Sc (Hons.) Thesis (2019)
15. Impact of repeated frying on Total Polar Molecules (TPM) of Frying Oil: Muhammad Waqas Dogar, M.Sc (Hons.) Thesis (2019)
16. Optimization of analytical Techniques for the detection of Aflatoxins in Maize grains: Resham Zaffar, M.Sc (Hons.) Thesis (2019)
17. Chemical & Microbiological Analysis of Packed Fruit Juices of Different Brands in Local Market: Rana Ali Raza Khan, M.Sc (Hons.) Thesis (2019) (Co-Supervisor)
18. Drying process in okra by non-enzymatic browning mechanism as time temperature indicator: Tuba Gul, M.Sc (Hons.) Thesis (2019) (Co-Supervisor)
19. Effect of different preservation techniques on nutritional composition of Oyster Mushroom (*Pleurotus ostreatus*): Shazia Siddique, M.Sc (Hons.) Thesis (2019)
20. Chemical and Microbiological Assessment of Different Commercial Brands of Bottled Water in Lahore: Zunair Zaheer, M.Sc (Hons.) Thesis (2019)

21. Physico-chemical and Biochemical profiling of Quinoa-wheat blended flour to prepare baked dry cake: Muhammad Umer Farooq, M.Sc (Hons.) Thesis (2019)
22. Food Safety Knowledge, Attitude and Practices of Food Handlers in a Local Meat Industry of Lahore: Muhammad Usman Munir, M.Sc (Hons.) Thesis (2019)
23. Effects of Aloe vera Gel Coating on Shelf Life of Edible Mushroom (*Pleurotus ostreatus*): Umme Kalsoom, M.Sc (Hons.) Thesis (2019)
24. Prevalence of Salmonella as Safety Indicator in Milk Samples Collected From Different Educational Institutes of Lahore: ShazraTamoore, M.Sc (Hons.) Thesis (2019) (Co-Supervisor)
25. Prevalence of E.coli in fresh Lettuce and Cabbage samples sold in markets of Lahore: Dania Tariq, M.Sc (Hons.) Thesis (2019) (Co-Supervisor)
26. Assessment of Drinking water Quality in Different Departments of Punjab University Quid-i-Azam Campus: Ayesha Riaz, M.Sc (Hons.) Thesis (2019)
27. Quality Evaluation of Drinking Water in Punjab University Girls Hostels: Maham Shafiq, M.Sc (Hons.) Thesis (2019)
28. Effect of C-Zole fast on survival of Food Borne Pathogens in Syrup mixing Tanks: Irfan Fiaz Ali Akbar, M.Sc (Hons.) Thesis (2019)
29. Halal Authentication of Gelatin Extracted from the Animals using PCR Technique: Hafiz Shahzaib Ameer, M.Sc (Hons.) Thesis (2019)
30. Physico-chemical and Sensory Attributes of Potato Chips Prepared from Different Native Varieties of Potatoes: Ahsan Danish, M.Sc (Hons.) Thesis (2019)
31. Improving Food Quality within a Local Catering Chain by Implementing Food Safety Management System: Naeem Ahmed, M.Sc (Hons.) Thesis (2018)
32. Quality Assessment of Domestic Drinking Water in District Bhawalnager: Muhammad Waqas Ashraf, M.Sc (Hons.) Thesis (2018)
33. Comprehensive Study on The Quality of Frying Oil at Different Canteens of Punjab University: Wajeeha Anjum, M.Sc (Hons.) Thesis (2018)
34. Quality Comparison of Commercial Chicken Nuggets Before and After Frying at Different Time and Temperature Combinations: Muhammad Ahsaan Ahmed, M.Sc (Hons.) Thesis (2018)
35. Production of Mango Flavored Yoghurt Supplemented With *Moringa oleifera* Leaf Powder: Maryam Saeed, M.Sc (Hons.) Thesis (2018)
36. Effect of Aloe vera Based Batter Coating on Potato Sticks Quality and Oil Uptake in Deep Fat Frying: Shakir Manzoor, M.Sc (Hons.) Thesis (2018)
37. Detection of Aflatoxin in Cereal Grains in District Bahawalnagar: Sundas Bano, M.Sc (Hons.) Thesis (2018)
38. Analysis of Aflatoxin in Different Types of Rice From Major Rice Growing Areas of Punjab: Anmol Sabir, M.Sc (Hons.) Thesis (2018)
39. Quality Attributes and Storage stability of Aloe vera Juice: Mahrukh Ilyas, M.Sc (Hons.) Thesis (2018)
40. Quantification of Aflatoxin in Wheat and Rice Grains in District Lahore: Amna Qamar, M.Sc (Hons.) Thesis (2018)
41. Physico-Chemical and Sensory Properties of Potato Sticks Fried in Different Commercial Vegetable Oils: Syed Rajab Ayub, M.Sc (Hons.) Thesis (2018)
42. Determination of Aflatoxin In Wheat and Rice Grains From District Gujranwala: Fiza Khalid, M.Sc (Hons.) Thesis (2018)
43. Quality assessment of dried candied tomatoes: Marryam Aftab, M.Sc (Hons.) Thesis (2018) (Co-Supervisor)
44. Quality evaluation of cinnamon added dried apple candy: Hifza Aftab, M.Sc (Hons.) Thesis (2018) (Co-Supervisor)

45. Inactivation of peroxidase enzyme in Broccoli using radio frequency (RF) heating: Umer Farooq, M.Sc (Hons.) Thesis (2017)
46. Quality assessment of drinking water from different water filtration plants located in selected areas of Lahore: Qamar Ilyas, M.Sc (Hons.) Thesis (2017)
47. Incorporation of aloe vera to increase the nutritional quality and shelf life of chicken nuggets: Amina Nasir, M.Sc (Hons.) Thesis (2017)
48. Quantification of Aflatoxins (B<sub>1</sub>, B<sub>2</sub>, G<sub>1</sub>, G<sub>2</sub>) in wheat grains collected from different regions: Mubshair Naveed, M.Sc (Hons.) Thesis (2017)
49. Nutritional assessment of school going children in district Kasur: Muhammad Mustafa Hanif, M.Sc (Hons.) Thesis (2017)
50. Food Safety evaluation of commonly sold food products at canteens of Punjab University, Quid-i-Azam campus: Kainat Ashfaq, M.Sc (Hons.) Thesis (2017)
51. Quality assessment of different food products at hostel canteens in University of the Punjab: Qandeel Zainib, M.Sc (Hons.) Thesis (2017)
52. Quality evaluation of commercial edible oils of various brands in Bahawalpur city: Bushra Rehman, M.Sc (Hons.) Thesis (2017)
53. Assessment of Aflatoxins in Wheat flour from different markets: Muhammad Rehan, M.Sc (Hons.) Thesis (2017)
54. Determination of Aflatoxins and Sudan dye in different spices intended for human consumption: Imran Khan, M.Sc (Hons.) Thesis (2017)
55. Characterization of Aloe Vera to explore its nutraceutical potential against hypercholesterolemia: Muhammad Aasim, M.Sc (Hons.) Thesis (2017)
56. Extraction of value added products from local varieties of potatoes: Asad Nawaz, M.Sc (Hons.) Thesis (2016)
57. Nutritional assessment and dietary pattern of school going children in Bahawalnagar: Muzammel Shoukat, M.Sc (Hons.) Thesis (2016)
58. Physico-chemical and sensory attributes of aloe vera-papaya functional beverage blend: Syed Ali-ur-Rehman Siddiqui, M.Sc (Hons.) Thesis (2016)
59. Development of cookies by replacing fat with olive oil blend and its effect on physico-chemical and sensory characteristics: Habib-ur-Rasheed, M.Sc (Hons.) Thesis (2016)
60. Studies on the food safety knowledge, attitude and practices of the food handlers at Punjab University canteens: Syeda Memoona Asif, M.Sc (Hons.) Thesis (2016)
61. Detection and quantification of aflatoxins in different types of rice grains from selected areas of Punjab: Atta-ur-rehman, M.Sc (Hons.) Thesis (2016)
62. Safety status and physico-chemical profile of raw milk being sold in the local markets of Lahore: Mateen Ahmed, M.Sc (Hons.) Thesis (2016)
63. Safety status and physico-chemical profile of raw milk being sold in the local markets of Multan: Muhammad Awais, M.Sc (Hons.) Thesis (2016)
64. Preparation, quality evaluation and storage stability of Papaya jam: Azhar Mahmood, M.Sc (Hons.) Thesis (2016)
65. Physico-chemical and sensory attributes of flavoured aloe vera ready to serve (RTS) drink: Asad Munir, M.Sc (Hons.) Thesis (2016)

66. Evaluation of quality status and determination of adulterants in processed fruits and vegetable based products marketed in the local markets of Lahore: Manzoor Elahi, M.Sc (Hons.) Thesis (2016)
67. Development of Date Pit Oil Based Edible Coating for Extending the Shelf Life of Guava Fruit: Zahid Mubeen, M.Sc (Hons.) Thesis (2016) (Co-Supervisor)
68. Characterization and Nutritional Profiling of Whey Powder Supplemented Cookies: Muhammad Khalil Ahmed, M.Sc (Hons.) Thesis (2016) (Co-Supervisor)
69. Assessment of Aflatoxin M<sub>1</sub> Levels in Raw Milk Collected from Different Geographical Zones of Lahore City, Pakistan: Ali Ilyas, M.Sc (Hons.) Thesis (2016) (Co-Supervisor)
70. Physico-chemical and sensory attributes of Soy-milk from locally procured soybean seeds; Junaid Mustafa, M.Sc (Hons.) Thesis (2015)
71. Phylogenetic analysis of fungal species isolated from rice grains being sold in local markets: Sohaib Afzaal, M.Sc (Hons.) Thesis (2015)
72. Development of camel milk soft cheese supplemented with inulin: Meiraj Nazeer Shakir, M.Sc (Hons.) Thesis (2015) (Co-Supervisor)
73. Isolation and molecular characterization of mycoflora from stored rice; Hina Shanakht, M.Sc (Hons.) Thesis (2014) (Co-Supervisor)

## Research Grants

Year	Title	Funding Agency	Role	Amount	Status
2020	Development of Quinoa based Composite Flour for the Production of Nutritious Bakery Item	University of the Punjab	Principal Investigator	0.15 Million PKR	Completed
2019	Optimization of the production technology for the preparation of <i>Moringa oleifera</i> based fermented dairy product	University of the Punjab	Principal Investigator	0.15 Million PKR	Completed
2018	Glucose-lysine non-enzymatic browning as time-temperature indicator for monitoring drying process and quality of Okra	HEC Pakistan	Co-Principal Investigator	0.5 Million PKR	Completed
2017	Determination of Aflatoxins in Rice grains collected from local markets of Lahore and Sheikhpura	University of the Punjab	Principal Investigator	0.15 Million PKR	Completed
2016	Analysis of pesticide residues in local milk chains of District Kasur, Punjab	University of the Punjab	Principal Investigator	0.15 Million PKR	Completed
2015	Microbial Detoxification of Aflatoxins in Cereal Grains	HEC Pakistan	Principal Investigator	5.716 Million	In Progress

2015	Analysis of pesticide residues on fruits being sold in local markets of Lahore city	University of the Punjab	Principal Investigator	0.15 Million PKR	Completed
2014	Analysis of pesticide residues on vegetables being sold in local markets of Lahore city	University of the Punjab	Principal Investigator	0.15 Million PKR	Completed
2013	Characterization of Fungal Microbiota on Rice grains in Local Markets of Lahore	University of the Punjab	Principal Investigator	0.15 Million PKR	Completed
2012	Molecular probing of Mycotoxigenic fungi in stored rice grains in Punjab	HEC Pakistan	Principal Investigator	0.5 Million PKR	Completed
2011	Impact Assessment of the Transgenic Sugarcane Over Expressing Antifungal Proteins on Endophytic and Rhizospheric Microorganisms	ILSI Research Foundation Germany	Collaborator	15000 US\$	Completed

## RESEARCH PUBLICATIONS/ PRESENTATIONS

### Publications in Impact Factor Journals

1. Maryam Saeed, **Shinawar Waseem Ali**, Saniya Ramzan. Physicochemical analysis of mango flavored yogurt supplemented with moringa oleifera leaf powder. *J Food Sci Technol*, (2021) doi.org/10.1007/s13197-021-05146-w. (Impact Factor: **2.70**) (HEC: **W**) (ISSN: 0022-1155, 0975-8402) (India)
2. Jiao Zhang, Ayesha Murtaza, Lijuan Zhu, Aamir Iqbal, **Shinawar Waseem Ali**, Xiaoyun Xu, Siyi Pan, Wanfeng Hu. High pressure CO<sub>2</sub> treatment alleviates lignification and browning of fresh-cut water-bamboo shoots (*Zizania latifolia*). *Postharvest Biology and Technology*, 182 (2021) 111690, doi.org/10.1016/j.postharvbio.2021.111690. (Impact Factor: **5.53**) (HEC: **W**) (ISSN: 0925-5214) (Netherlands)
3. Mengjie Kong, Ayesha Murtaza, Xueqi Hu, Aamir Iqbal, Lijuan Zhu, **Shinawar Waseem Ali**, Xiaoyun Xu, Siyi Pan, Wanfeng Hu. Effect of high-pressure carbon dioxide treatment on browning inhibition of fresh-cut Chinese water chestnut (*Eleocharis tuberosa*): Based on the comparison of damaged tissue and non-damaged tissue. *Postharvest Biology and Technology*, 179 (2021), 111557, <https://doi.org/10.1016/j.postharvbio.2021.111557>. (Impact Factor: **5.53**) (HEC: **W**) (ISSN: 0925-5214) (Netherlands)
4. Asad Nawaz, Ahsan Danish, **Shinawar Waseem Ali**, Hafiz Muhammad Shahbaz, Ibrahim Khalifa, Aftab Ahmed, Sana Irshad, Shakeel Ahmad, Waqas Ahmed. Evaluation and storage stability of potato chips made from different varieties of potatoes cultivated in Pakistan. *Journal of Food Processing and Preservation*, 45 (2021) e15437;1-9, DOI: <https://doi.org/10.1111/jfpp.15437>, (Impact Factor: **1.2**) (HEC: **X**) (ISSN: 0145-8892) (United States)
5. Muhammad Haseeb ur Rehman, Asif Ahmad, Rai Muhammad Amir, Kashif Ameer, **Shinawar Wasim Ali**, Farzana Siddique, Imran Hayat, Zaheer Ahmad and Farrukh Faiz. Ameliorative effects of fenugreek (*Trigonella foenum-graecum*) seed on type 2 diabetes.

- Food Science and Technology*, (2021), DOI: <https://doi.org/10.1590/fst.03520>, (Impact Factor: **1.44**) (HEC: **X**) (ISSN: 0101-2061,1678-457X) (Brazil)
6. Ali Hussnain, Rai Muhammad Amir, Muhammad Azam Khan, Asif Ahmad, **Shinawar Waseem Ali**, Muhammad Nadeem, Kashif Ameer, Muhammad Asif Khan, Shahid Mahmood and Imran Hayat. Mitigating the impact of organochlorine and pyrethroid residues in fresh and chemically washed spinach. *Food Science and Technology*, 41:1 (2021) 59-64. Epub January 29, 2021. DOI: <https://dx.doi.org/10.1590/fst.37019>, (Impact Factor: **1.44**) (HEC: **X**) (ISSN: 0101-2061,1678-457X) (Brazil)
  7. Khurram Muaz, Muhammad Riaz, Carlos Augusto Fernandes de Oliveira, Saeed Akhtar, **Shinawar Waseem Ali**, Habibullah Nadeem, Sungkwon Park & Balamuralikrishnan Balasubramanian. Aflatoxin M1 in milk and dairy products: Global occurrence and potential decontamination strategies. *Toxin Reviews*, (2021) DOI: 10.1080/15569543.2021.1873387, (Impact Factor: **2.85**) (HEC: **X**) (ISSN: 1556-9543; 1556-9551) (United Kingdom)
  8. Yongxin Teng, Ayesha Murtaza, Aamir Iqbal, Jialing Fu, **Shinawar Waseem Ali**, Muhammad Amjed Iqbal, Xiaoyun Xu, Siyi Pan and Wanfeng Hu. Eugenol emulsions affect the browning processes, and microbial and chemical qualities of fresh-cut Chinese water chestnut. *Food Bioscience*, 38 (2020) e100716, <https://doi.org/10.1016/j.fbio.2020.100716>, (Impact Factor: **3.067**) (HEC: **W**) (ISSN: 2212-4306; 2212-4292 ) (United Kingdom)
  9. Niranjan Koirala, Chiran Dhakal, Nabin Narayan Munankarmi, **Shinawar Waseem Ali**, Aneela Hameed, Natalia Martins, Javad Sharifi-Rad, Muhammad Imran, Atta Muhammad Arif, Muhammad Shakeel Hanif, Ram Chandra Basnyat and Bahare Salehi. Vitex negundo Linn.: phytochemical composition, nutritional analysis, and antioxidant and antimicrobial activity. *Cellular and Molecular Biology*, 66: 4 (2020) 1-7, <http://dx.doi.org/10.14715/cmb/2020.66.4.1>, (Impact Factor: **1.27**) (HEC: **Y**) (E-ISSN : 1165-158X / P-ISSN : 0145-5680) (France)
  10. Soane Kaline Morais Chaves, Muhammad Inam Afzal, Muhammad Torequl Islam, Aneela Hameed, Ana Maria Oliveira Ferreira Da Mata, Lidiane Da Silva Ara'ujo, **Shinawar Waseem Ali**, Hercilia Maria Lins Rolim, Maria das Graccas Freire De Medeiros, Emmanoel Vilaca Costa, Bahare Salehi, Natalia Martins, Atta Muhammad Arif, Muhammad Imran, Javad Sharifi-Rad, Ana Amelia de Carvalho Melo-Cavalcante and Chistiane Mendes Feitosa. Palmatine antioxidant and anti-acetylcholinesterase activities: A pre-clinical assessment. *Cellular and Molecular Biology*, 66: 4 (2020) 54-59, <http://dx.doi.org/10.14715/cmb/2020.66.4.9>, (Impact Factor: **1.27**) (HEC: **Y**) (E-ISSN : 1165-158X / P-ISSN : 0145-5680) (France)
  11. Raizza Eveline E. Pinheiro, Thiago P. Chaves, Eveny S. Melo, Sultan Ali, **Shinawar Waseem Ali**, Muhammad Umer, Gil Sander P. Gama, Dalliane N. S. Lira, Joao Sammy N. Souza, Maria Jose dos S. Soares, Andr'e de Souza Santos, Rinaldo Aparecido Mota, Priscilla Ramos Freitas, Muhammad Inam Afzal, Bahare Salehi, Henrique Douglas Melo Coutinho, William N. Setzer, Muhammad Imran and Javad Sharifi-Rad. Modulatory-antibiotic activity of the essential oil from Eucalyptus citriodora against MDR bacterial strains. *Cellular and Molecular Biology*, 66: 4 (2020) 60-64, <http://dx.doi.org/10.14715/cmb/2020.66.4.10>, (Impact Factor: **1.27**) (HEC: **Y**) (E-ISSN : 1165-158X / P-ISSN : 0145-5680) (France)
  12. Muhammad Torequl Islam, Natalia Martins, Muhammad Imran, Aneela Hameed, **Shinawar Waseem Ali**, Bahare Salehi, Ishtiaque Ahmad, Ahmad Hussain and Javad Sharifi-Rad. Anxiolytic-like effects of Moringa oleifera in Swiss mice. *Cellular and Molecular Biology*, 66: 4 (2020) 73-77, <http://dx.doi.org/10.14715/cmb/2020.66.4.12>, (Impact Factor: **1.27**) (HEC: **Y**) (E-ISSN : 1165-158X / P-ISSN : 0145-5680) (France)
  13. Mohale K. Cecilia, Assress H. Abrha, Nyoni Hlengilizwe, Araya T. Hintsu, Muhammad Umer, Mudau F. Nixwell, **Shinawar Waseem Ali**, Muhammad Inam Afzal, Miquel Martorell, Bahare Salehi, William N. Setzer, Muhammad Umair Sattar, Muhammad Imran and Javad Sharifi-Rad. Untargeted profiling of field cultivated bush tea (*Athrixia phylicoides*

- DC.) based on metabolite analysis. *Cellular and Molecular Biology*, 66: 4 (2020) 104-109, <http://dx.doi.org/10.14715/cmb/2020.66.4.14>, Impact Factor: **1.27** (HEC: **Y**) (E-ISSN : 1165-158X / P-ISSN : 0145-5680) (France)
14. Jacqueline C. Andrade, Antonia T.L. Dos Santos, Ana R.P. Da Silva, Maria A. Freitas, Muhammad Inam Afzal, Maria I.P. Gonccalo, Victor J. A. Fonseca, Maria do S. Costa, Joara N. P. Carneiro, Erlanio O. Sousa, Yedda M. L. S. De Matos, Thiago S. De Freitas, Amanda K. De Sousa, Maria F. B. Morais-Braga, Henrique D. M. Coutinho, **Shinawar Waseem Ali**, Bahare Salehi, Muhammad Imran, Muhammad Umer, Ehsan Ul-Haque, William N. Setzer and Javad Sharifi-Rad. Phytochemical characterization of the *Ziziphus joazeiro* Mart. metabolites by UPLC-QTOF and antifungal activity evaluation. *Cellular and Molecular Biology*, 66:4 (2020) 127-132, <http://dx.doi.org/10.14715/cmb/2020.66.4.17>, (Impact Factor: **1.27**) (HEC: **Y**) (E-ISSN : 1165-158X / P-ISSN : 0145-5680) (France)
  15. Muhammad Akhlaq and Shinawar Waseem Ali. Effect of storage, initial grain moisture and fumigation on rheological quality of wheat stored in hot steppe climate. *Cereal Chemistry*, 97:4 (2020) 849-858, [doi.org/10.1002/cche.10307](https://doi.org/10.1002/cche.10307), (Impact Factor: **1.80**) (HEC: **W**) (Online ISSN:1943-3638) (ISSN: 0009-0352) (United States)
  16. Asad Nawaz, **Shinawar Waseem Ali**, Sana Irshad, Fatima Irshad, Aftab Ahmed, Zainab Sharmeen and Imran Khan. Effect of peeling and unpeeling on yield, chemical structure, morphology and pasting properties of starch extracted from three diverse potato cultivars. *Int'l Journal of Food Science & Technology*, 55:6 (2020) 2344-2351 [doi: 10.1111/ijfs.14412](https://doi.org/10.1111/ijfs.14412), (Impact Factor: **2.2**) (HEC: **W**) (ISSN: 0950-5423,1365-2621) (United Kingdom)
  17. Ayesha Murtaza, Aamir Iqbal, Krystian Marszałek, Muhammad Amjed Iqbal, **Shinawar Waseem Ali**, Xiaoyun Xu, Siyi Pan and Wanfeng Hu. Enzymatic, Phyto-, and Physicochemical Evaluation of Apple Juice under High-Pressure Carbon Dioxide and Thermal Processing. *Foods*, 9:2 (2020) 243; 1-14, [doi:10.3390/foods9020243](https://doi.org/10.3390/foods9020243), (Impact Factor: **3.0**) (HEC: **Y**) (ISSN: 2304-8158) (Switzerland)
  18. Aftab Ahmed, Shinawar Waseem Ali, Ali Imran, Muhammad Afzaal, Muhammad Sajid Arshad, Muhammad Nadeem, Zahid Mubeen and Ali Ikram. Formulation of date pit oil-based edible wax coating for extending the storage stability of guava fruit. *Journal of Food Processing and Preservation*, 44:2 (2020) e143336; 1-10. [doi: 10.1111/jfpp.14336](https://doi.org/10.1111/jfpp.14336) (Impact Factor: **1.2**) (HEC: **X**) (ISSN: 0145-8892) (United States)
  19. Asad Nawaz, Zhouyi Xiong, Hanguo Xiong, Lei Chen, Peng-kai Wang, Ishtiaq Ahmad, Chun Hu, Sana Irshad and **Shinawar Waseem Ali**. The effects of fish meat and fish bone addition on nutritional value, texture and microstructure of optimised fried snacks. *International Journal of Food Science & Technology*, 54:4 (2019) 1045-1053, [doi:10.1111/ijfs.13974](https://doi.org/10.1111/ijfs.13974) (Impact Factor: **2.2**) (HEC: **W**) (ISSN: 0950-5423,1365-2621) (United Kingdom)
  20. Mateen Ahmad, Muhammad Awais, **Shinawar Waseem Ali**, Hafiz Azhar Ali Khan, Muhammad Riaz, Asif Sultan, Muhammad Shakeel Bashir and Adnan Ishtiaq Chaudhry. Occurrence of Aflatoxin M1 in raw and processed milk and assessment of daily intake in Lahore, Multan cities of Pakistan. *Food Additives and Contaminants: Part B Surveillance*, 12:1 (2019) 18-23, [doi.org/10.1080/19393210.2018.1509899](https://doi.org/10.1080/19393210.2018.1509899) (Impact Factor: **2.4**) (HEC: **W**) (ISSN: 1939-3210,1939-3229) (United Kingdom)
  21. Aftab Ahmed, Farhan Saeed, Muhammad Umair Arshad, Muhammad Afzaal, Ali Imran, **Shinawar Waseem Ali**, Bushra Niaz, Awais Ahmad & Muhammad Imran. Impact of Intermittent Fasting on Human Health: An Extended Review of Metabolic Cascades. *International Journal of Food Properties*, 21:1 (2018) 2700-2713, [doi.org/10.1080/10942912.2018.1560312](https://doi.org/10.1080/10942912.2018.1560312), (Impact Factor: **1.85**) (HEC: **X**) (ISSN: 1532-2386,1094-2912) (United States)
  22. Sajid Ali, Sohaib Abzaal, Ammara Fatima, **Shinawar Waseem Ali**, Moazzam Anees, Farah Saeed, Qurat-ul-Ain Bukhari, Ahmad Naeem Shahzad and Masooma Munir. Effect of



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43. Xiao-Hui Li, Jian-Dong Jiang, Li-Feng Gu, **Shinawar Waseem Ali**, Jian He and Shun-Peng Li. Diversity of chlorpyrifos-degrading bacteria isolated from chlorpyrifos-contaminated samples. *Int'l Biodeterioration and Biodegradation*. 62:4 (2008) 331-335, [doi.org/10.1016/j.ibiod.2008.03.001](https://doi.org/10.1016/j.ibiod.2008.03.001). (Impact factor: **2.4**) (HEC: **W**) (ISSN: 0964-8305) (Netherland)
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### Publications in HEC Recognized Journals (without Impact Factor)

1. Sohaib Afzaal, **Shinawar Waseem Ali**, Usman Hameed, Aftab Ahmad, Muhammad Akhlaq, Muhammad Arshad Javed, Muhammad Saleem Haider. Molecular probing of Aflatoxigenic fungi in rice grains collected from local markets of Lahore, Pakistan. *Advancements in Life Sciences*, 8:2 (2021) 190-194, <http://submission.als-journal.com/index.php/ALS/article/view/661>, (Impact Factor: N.A.) (HEC: **Y**) (ISSN: 2310-5380) (Pakistan)
2. Umer Farooq, Riaz Ahmed, **Shinawar Waseem Ali**, and Puntarika Ratanatriwong. High Pressure Processing a Novel Food Processing Technique: Food Industrial Applications. *Research Journal of Pharmaceutical, Biological and Chemical Sciences*, 9:3 (2018) 57-68, [https://www.rjpbcs.com/pdf/2018\\_9\(3\)/\[7\].pdf](https://www.rjpbcs.com/pdf/2018_9(3)/[7].pdf) (ESCI Impact Factor: 0.35) (HEC: **Y**) (ISSN: 0975-8585) (India)
3. Umer Farooq and **Shinawar Waseem Ali**. Radio Frequency Heating: A Review with Food Applications. *Research Journal of Pharmaceutical, Biological and Chemical Sciences*, 9:1 (2018) 243-254, [https://www.rjpbcs.com/pdf/2018\\_9\(1\)/\[34\].pdf](https://www.rjpbcs.com/pdf/2018_9(1)/[34].pdf), (ESCI Impact Factor: 0.35) (HEC: **Y**) (ISSN: 0975-8585) (India)
4. Muhammad Ali, Hafiz Azhar Ali Khan, Hafiz Muhammad Tahir, Asad Tariq, Muhammad Ashfaq, **Shinawar Waseem Ali**, Asim Gulzar, Hafiz Muhammad Umer Aslam, Uzma Khalid, Sajawal Yousaf, Urooj Mubashar. Larvicidal Potential of Different Plants Extracts against the Larvae of Mosquito (*Aedes Aegypti* (L.) (Culicidae:Diptera). *Pakistan Entomologist*, 39:1 (2017) 37-40, <http://www.pakentomol.com/cms/pages/tables/upload/file/59a9b3668eace7.pdf>. (HEC: **Y** till June 2020) (ISSN: 1017-1827,2521-5922) (Pakistan)
5. Aftab Ahmed, **Shinawar Waseem Ali**, Khalil-Ur-Rehman, Shakir Manzoor, Syed Rajab Ayub. Development and Organoleptic Evaluation of Moringa-Aloe Vera blended Nutraceutical Drink. *Journal of Hygienic Engineering and Design*, 17 (2016) 72-76. <http://www.jhed.mk/filemanager/JHED%20Vol.%2017/03.%20FPP/04.%20Full%20paper%20-%20Aftab%20Ahmed.pdf>, (HEC: **Y**) (ISSN: 1857-8489) (Macedonia)
6. Ghazala Nawaz, Muhammad Nawaz Malik, Muhammad Hassan Mushtaq, Fraz Munir Ahmad, Ali Abdullah Shah, Farooq Iqbal, **Shinawar Waseem Ali**, Zahida Fatima and Amjad Khan. Surveillance of Brucellosis in Livestock in Rural Communities of Punjab. *Pakistan Journal of Agricultural Research*, 29:4 (2016) 392-398, <http://researcherslinks.com/current-issues/SURVEILLANCE-OF/24/5/1373>. (HEC: **Y** till June 2020) (ISSN: 0251-0480) (Pakistan)
7. **Shinawar Waseem Ali**, Mateen Ahmad, Muhammad Awais, Aftab Ahmed. Management of Citrus Waste in Pakistan's Perspective. *Journal of Hygienic Engineering and Design*, 15 (2016) 83-88,

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  10. Hina Shanakht, Ahmad Ali Shahid and **Shinawar Waseem Ali**. Characterization of Fungal Microbiota on Rice Grains From Local Markets of Lahore. *Journal of Hygienic Engineering and Design*. 9 (2014) 35-40, <http://www.jhed.mk/filemanager/JHED%20Vol.%209/02.%20FQS/04.%20Full%20paper%20-%20Hina%20Shanakht.pdf>, (HEC: Y) (ISSN: 1857-8489) (Macedonia)
  11. **Shinawar Waseem Ali** and Sohaib Afzaal. Aflatoxins in Pakistani Foods: A Serious Threat to Food Safety. *Journal of Hygienic Engineering and Design*. 9 (2014) 20-25, <http://www.jhed.mk/filemanager/JHED%20Vol.%209/02.%20FQS/02.%20Full%20Paper%20-%20Shinawar%20Waseem%20Ali.pdf>, (HEC: Y) (ISSN: 1857-8489) (Macedonia)
  12. **Shinawar Waseem Ali** and Ghulam Rasool. Chemical and sensory characteristics of frozen stored chicken patties fried in different vegetable oils. *Pakistan Journal of Agricultural Sciences*. 44:2 Mar (2007) 337-340, <http://www.pakjas.com.pk/papers/337.pdf>. (HEC: X) (ISSN: 2076-0906,0552-9034) (Pakistan) (Pakistan)

### Book Chapters

1. Muhammad Imran, Faqir Muhammad Anjum, **Shinawar Waseem Ali**, Iahtisham-Ul-Haq and Hafiz Ansar Rasul Suleria. Olive Oil Phenols: Chemistry, Synthesis, Metabolism, Fats, and Their Allied Health Claims. In: *Human Health Benefits of Plant Bioactive Compounds Potentials and Prospects*, Editors: Megh R. Goyal, PhD and Hafiz Ansar Rasul Suleria, PhD. Apple Academic Press, July 2019
2. Aftab Ahmed, Muhammad Sajid Arshad, Ali Imran and **Shinawar Waseem Ali**. Introductory Chapter: Meat Science and Human Nutrition, In: *Meat Science & Nutrition*. IntechOpen, 2018: 3-14

### Conference Presentations/ Abstract Published in Proceedings

1. **Shinawar Waseem Ali** and Muhammad Akhlaq. Disease management (COVID-19) through consumption of safe foods. "*International Virtual Conference on Plant Based Food: Potential for Food Security and Pandemic Management*", 15-16 October 2020, MNS University of Agriculture, Multan, Pakistan.
2. **Shinawar Waseem Ali**. Nutraceuticals and Functional Foods for Improved Health and Better Nutrition. "*First Pakistan Virtual Exhibition and International Conference on Pharma, Food and Healthcare*". 25-28 August 2020, NAFS and Prime Events, Karachi Pakistan.
3. **Shinawar Waseem Ali** and Asad Munir. Formulation and Quality Evaluation of Flavored Aloe Vera Ready to Serve (RTS) Drink. "*International Horticulture Conference*", 26-28 February 2020, SA Gardens Lahore and University of the Punjab, Lahore, Pakistan.

4. **Shinawar Waseem Ali** and Mahrukh Ilyas. Storage stability and quality attributes of aloe- vera juice, “30<sup>th</sup> All Pakistan Food Science Conference and Food & Nutrition Expo-2019”, 10-11 December 2019, University of Lahore, Pakistan.
5. **Shinawar Waseem Ali** and Zunair Zaheer. Physico-chemical and microbiological analysis of bottled drinking water, “International Conference of Punjab University (ICPU-2019) on Recent Innovations in Molecular Sciences”, 06-08 November 2019, University of the Punjab, Lahore, Pakistan.
6. **Shinawar Waseem Ali** (Guest Speaker). Food Safety: Every One’s Buisness. “World Food Safety Day”, 10 June 2019, at University of Central Punjab, Lahore, Pakistan.
7. **Shinawar Waseem Ali** (Invited Speaker) and Kainat Ashfaq. Use of aloe vera in food processing for value addition and improved nutrition, “4<sup>th</sup> International Conference on Food and Nutritional Security in Challenging Climate”, 3-4 March 2019, BZ University Multan, Pakistan.
8. **Shinawar Waseem Ali**, Muhammad Waqas Ashraf and Muhammad Shoaib Mehmood. Safety and quality evaluation of domestic drinking water in district Bahawalnagar, “International Conference on Environmental Toxicology and Health (ESCON-2019)”, 25-27 February 2019, COMSATS University, Vehari Campus, Pakistan.
9. **Shinawar Waseem Ali** and Maryam Saeed. Utilization of Aqueous Extract of *Moringa Oleifera* for Production of functional flavored yogurt moringa with relevance to malnutrition in children and nursing mothers, “International Conference on Food and Agriculture Technologies (ICFAST-2019)”, 15-17 January 2019, University of the Punjab and Expo Centre Lahore, Pakistan.
10. **Shinawar Waseem Ali** (Invited Speaker). Food Safety Assessment of Drinking Water from different areas of Lahore, Pakistan, “Int’l Symposium on Food Security, Quality and Safety (ISFSQS-2018)”, 27-28 November 2018, at University of Central Punjab Lahore.
11. **Shinawar Waseem Ali**, Waseem Haider, and Mahrukh Ilyas. Food Safety Knowledge and Practices of Food Handlers at Hospital Canteens in Lahore, “1<sup>st</sup> International Pakistan Halal Assembly” 20-21 March 2018, Government College University, Faisalabad, Pakistan
12. **Shinawar Waseem Ali**, Muhammad Awais. Food Safety evaluation of loose milk in local markets of Multan city. “International Conference on Foods of Animal Origin”, 30-31 March 2017, University of Agriculture Faisalabad, Pakistan
13. **Shinawar Waseem Ali**, Atta-ur-Rehman. Occurrence of Aflatoxins in Different Types of Rice Grains, “5<sup>th</sup> International Conference on Food and Nutritional Security: Impact of Climate Change”, 7-8 March 2017, GC University Faisalabad, Pakistan.
14. **Shinawar Waseem Ali**, Mateen Ahmad. Quality Status of Raw Milk Being Marketed in Different Areas of Lahore. “3<sup>rd</sup> International Conference on Safe Food for All”, 2-3 March 2017, BZ University Multan, Pakistan
15. **Shinawar Waseem Ali**. Quinoa: A precious food to maintain quality life. “International Conference on Global Trends in Safe and Healthy Foods”, 7-8 March 2016, Govt. College University, Faisalabad, Pakistan.
16. **Shinawar Waseem Ali**, Junaid Mustafa. Soy milk from locally procured soybean seeds. “26<sup>th</sup> All Pakistan Food Science Conference”, 19 April 2016, University of Agriculture Faisalabad, Pakistan.



17. **Shinawar Waseem Ali** and Aysha Kanwal. Rapid detection of *Candida* species, causing ocular infection in Pakistani Population. “6<sup>th</sup> Congress of European Microbiologists”, 7-11 June 2015, Maastricht, The Netherlands.
18. **Shinawar Waseem Ali**. Global Harmonization initiative (GHI): A way forward to global food safety. “2<sup>nd</sup> International Conference on Agriculture, Food and Animal Sciences”, 25-26 February 2015, Sindh Agriculture University Tandojam, Pakistan.
19. **Shinawar Waseem Ali**, Sohaib Afzaal, Nasir Ahmad, Mohd Azam Khan and Tusneem Kausar. *Oregano (Origanum vulgare)*: A valuable functional food ingredient to combat Ca & Fe deficiency. “International Conference on Malnutrition in South Asia: The Peril Persists”, 23-24 February 2015, BZ University Multan, Pakistan.
20. **Shinawar Waseem Ali** and Sohaib Afzaal. Aflatoxins in Pakistani Foods: A Serious Threat to Food Safety. “International Conference on Food Quality & Safety, Health & Nutrition (Nutricon 2014)”, 27-28 November 2014, Skopje, Republic of Macedonia.
21. **Shinawar Waseem Ali**. The need for global harmonization of food regulations. “International Conference on Recent Developments in Human Nutrition”, 19-20 March 2014, Pearl Continental Hotel Lahore, Pakistan. ([http://ichn2014.nap.org.pk/?page\\_id=951](http://ichn2014.nap.org.pk/?page_id=951))
22. **Shinawar Waseem Ali**. Pesticide residues on fruits and vegetables: Current scenario and future perspectives. “2<sup>nd</sup> International Conference on Global Environmental Changes”, 25-26 February 2014, Govt. College University Faisalabad, Pakistan.
23. **Shinawar Waseem Ali**, Hina Shanakht, Ahmad Ali Shahid and Muhammad Hassan Mushtaq. Mycotoxins contamination in Pakistani crops: An alarm for public health safety. “1<sup>st</sup> International Conference on Applied Chemical, Biological and Aquatic Sciences”, 18-20 February 2014, Govt. College University Faisalabad, Pakistan.
24. **Shinawar Waseem Ali**, Muhammad Riaz and Muhammad Hassan Mushtaq. Microbial degradation of pesticide residues: A forward to ensure food safety in Pakistan. “International Conference on Emerging Issues in Nutrition and Food Safety”, 21-23 October 2013, University of Agriculture Faisalabad, Pakistan.
25. **Shinawar Waseem Ali**, Ji-Quan Sun and Shun-Peng Li. Taxonomic characterization of a novel microbe isolated from soil. “V International Conference on Environmental, Industrial and Applied Microbiology (BioMicroWorld 2013)”, 2-4 October 2013, Madrid, Spain.
26. **Shinawar Waseem Ali**, Muhammad Saleem Haider, Muhammad Riaz and Muhammad Hassan Mushtaq. Decontaminating mycotoxins in agricultural produce following bioremediation approach. “2<sup>nd</sup> International conference on Agriculture for Life, Life for Agriculture”, June 5-8, 2013, University of Agronomic Sciences and Veterinary Medicines, Bucharest, Romania.
27. **Shinawar Waseem Ali**. Effect of globalization on future of food industries in Pakistan. “International conference on Future Perspectives of Food Processing Industry in Pakistan”, 11-12 December 2012, Govt. College University Faisalabad, Pakistan.
28. **Shinawar Waseem Ali**, Muhammad Saleem Haider, Muhammad Riaz, Muhammad Hassan Mushtaq. Microbial Detoxification of Mycotoxins in Agricultural Produce. “The First International Biology Congress in Kyrgyzstan”, 24-26 September 2012, Kyrgyzstan Turkey Manas University, Bishkek, Kyrgyzstan.
29. **Shinawar Waseem Ali**, Saeed Akhter, Muhammad Saleem Haider and Muhammad Hassan Mushtaq. Pesticide residue in agricultural environment: A potential threat to food safety in Pakistan. “International Science Conference on Agriculture and Food Security Issues in Global Environmental Perspectives”, 11-13 July 2012, Faculty of Agriculture, University of Poonch, Rawalakot, Azad Jammu and Kashmir, Pakistan.
30. **Shinawar Waseem Ali**, Muhammad Riaz, and Muhammad Hassan Mushtaq. Bioremediation: A potential tool to decontaminate mycotoxins in foods and feeds. “1<sup>st</sup> International Conference on Safe Food and Human Health”, 10-11 January 2012, GC University Faisalabad, Pakistan.

31. **Shinawar Waseem Ali**, Xio-hui Li, Muhammad Hassan Mushtaq and Shung-peng Li. Evaluating the biodegradation potential and diversity of Chlorpyrifos-degrading bacteria isolated from polluted waste water. “*International Conference on Applied Genetics and Biotechnology*”, 8-10 December 2011, University of Agriculture Faisalabad, Pakistan.
32. **Shinawar Waseem Ali**, Fang-bo Yu, Shahid Nadeem, Xin Yan and Shun-peng Li. Taxonomic analysis, degradation kinetics and soil microcosm studies of an abamectin-degrading *Burkholderia diffusa* GB-01 strain. “*IV International Conference on Environmental, Industrial and Applied Microbiology (BioMicroWorld 2011)*”, 14-16 September 2011, Torremolinos, Spain.
33. **Shinawar Waseem Ali**, Ikram-ul-Haq, Khursheed Javed, Hamid Mukhtar, and Mohsin Javed. Prebiotics: Current scenario and future perspectives as functional foods. Poster presentation in “*2<sup>nd</sup> International conference of plant scientist*”, 22-24 February 2011, GC University Lahore, Pakistan.
34. **Shinawar Waseem Ali**, Fang-Bo Yu, Li-Feng Gu, Xiao-Hui Li and Shun-Peng Li. Biodegradation of abamectin in broth medium and soil microcosm by bacterial strain *Burkholderia* sp. GB-01. “*International Conference on Plants and Environmental Pollution*”, 6-11 July 2009, Kayseri, Turkey (<http://pep2009.erciyes.edu.tr/files/abstractbook.pdf>).

#### ORGANIZATION/ PARTICIPATIONS IN CONFERENCES/SEMINARS

1. Speaker in “*World Water Day–2021 Celebrations*”, 22 March 2021, held in Governor House Lahore, Pakistan
2. Speaker in Webinar on “*Micronutrients Fortification of Foods: Application and Impact*”, 19 October 2020, Live from PMAS Arid Agriculture University, Rawalpindi, Pakistan.
3. Speaker in Webinar on “*COVID-19: Impacts and Prospects regarding Hospitality and Food Industry*”, 23 June 2020, National Alliance for Safe Food (NAFS), Pakistan.
4. Organized an Online Training on “*Food Safety and Dietary Guidelines in the wake of Corona Pandemic*”, 16 April 2020, Live from University of the Punjab, Lahore.
5. Speaker in an interactive session “*Food and Health in Holy month of Ramadan*”, 24 April 2020, Live on Facebook organized by National Alliance for Safe Food (NAFS)
6. Participated in “*Road Show on Halal Industry, Khyber to Karachi (1-30 March)*”, 12 March 2020 at University of the Punjab, Lahore.
7. Chairman/Organizer “*International Conference on Pharma, Food & Healthcare in conjunction with 10th Pak Pharma & Healthcare Expo*”, 11-12 February 2020, in collaboration with National Alliance for Safe Food (NAFS) at Expo Centre, Lahore.
8. Chief organizer/Chairman, Int’l Symposium on “*Pakistan Halal Industry: A gateway to success (Theme; Halal Accreditation: Adding Value to Lifestyle & Economic Success)*”, October 23-24, 2019 at University of the Punjab, Lahore
9. Chief Organizer Awareness walk on “*World Food Day 2019*”, October 16, 2019 at Univeristy of the Punjab Lahore.
10. Collaborator for the organisation of Punjab Food Authority Seminar entitled “*Milawat sey Paak, Naya Pakistan*”, 14 August 2019, at University of the Punjab.
11. Member Organizing Committee “*1<sup>st</sup> Pakistan Food & Pharma International Summit & Pakistan Healthcare Expo-2019*”, 10-11 July 2019, Pak-China Expo Centre, Islamabad, Pakistan.
12. Organized a session entitled “*Food packaging and labelling standards*” in 8<sup>th</sup> Invention to innovation summit, 2-3 April 2019, held at University of the Punjab, Lahore, Pakistan
13. Organizer/Chairman “*International Conference on Food-Agriculture Science and Technologies (ICFAST-2019)*”, 15-17 January 2019, University of the Punjab and Expo Centre Lahore, Pakistan

14. Principal Organiser **“National Symposium on Pakistan Halal Industry; A Gateway to Success”**, 15 september 2018 at University of the Punjab Lahore
15. Chief Organiser of Seminar on **“Current Trends in Halal Food Safety Assurance Issues and Challenges”** 26 April 2018 at University of the Punjab, Lahore.
16. Participation and Session Chair in **“7<sup>th</sup> Invention to Innovation Summit 2018”** March 6-7, 2018, at University of the Punjab, Lahore.
17. Chief Organizer of Interational Seminar on **“Pest (Termites) Control in Food Processing Industries”**, 31<sup>st</sup> January 2018 at University of the Punjab, Lahore
18. Participated in 11th Int’l Biennial Conference of Pakistan Society for Microbiology on **“Applied Microbial Genomics in Public Health, Pharma and Agriculture”**, 18-20 December 2017, at BZ University Multan, Pakistan.
19. Participation and Session chair in **“2<sup>nd</sup> Invention to Innovation Summit 2017”**, 18-19<sup>th</sup> December 2017, at University of Karachi, Sindh.
20. Chief Organizer of **“World Food Day Celebrations”**, 31<sup>st</sup> October 2017 at University of the Punjab, Lahore.
21. Participated in International Seminar on **“Sustainable Crop Production for Food Security under Changing Climate”**, 18th April 2017, at University of the Punjab, Lahore.
22. Chief organizer of the Seminar on **“Global Halal Industry: Opportunities and Challenges”**, 29th March 2017, at University of the Punjab, Lahore.
23. Participated in **“5<sup>th</sup> Quality Assurance Conference 2017”**, 22<sup>nd</sup> March 2017, organized by METRO-Habib Cash & Carry at Faletti’s Hotel Lahore
24. Member organizing committee for **“Floriculture Workshop 2017”**, 21st March 2017, at University of the Punjab, Lahore.
25. Session Organizer in **“6<sup>th</sup> Invention to Innovation Summit 2017”**, 8-9<sup>th</sup> March 2017, at University of the Punjab, Lahore.
26. Member organizing committee for International Conference on the **“Significance of Potash Use in Pakistani Agriculture”**, 4,5 October 2016, at University of the Punjab, Lahore.
27. Organized a workshop on **“Total Quality Management (TQM)”**, 23 January 2016, at University of the Punjab, Lahore.
28. Organized a session on **“Innovative Food Processing Technologies in 5th Invention to Innovation Summit 2016”**, 2-3 March 2016, at University of the Punjab, Lahore.
29. Member organizing committee **“5th International /10th National Conference of Pakistan Phytopathological Society; Crop Protection for Sustainable Agriculture”**, 23-25 November 2015, at Institute of Agricultural Sciences (IAGS), University of the Punjab, Lahore, Pakistan.
30. Organized an **“Awareness Seminar on Food Safety and Hygiene”**, 13 November 2014, in collaboration with Punjab Food Authority at Institute of Agricultural Sciences, University of the Punjab, Lahore, Pakistan.
31. Member organizing committee, **“International Conference on Stress Biology and Biotechnology: Challenges & Management”**, 21-23 May 2014, Institute of Agricultural Sciences, University of the Punjab, Lahore, Pakistan.
32. Member organizing committee, **“International Conference on Recent Developments in Human Nutrition”**, 19-20 March 2014, Pearl Continental Hotel Lahore, Pakistan.
33. Organized a session on **“Rice Technologies in Invention to Innovation Summit 2013”**, 9-10 April 2013, in University of the Punjab, Lahore.
34. Organized a **“National UIP-Seminar on Developing Local Food Additives”**, 22 November 2012, in University of the Punjab.
35. Participated in **“International Seminar on Food Production and Processing Technologies”**, 6-8 November 2012, COMSTECH, Islamabad, Pakistan.
36. Participated in **“Invention to Innovation Summit”**, 18 June 2012, University of the Punjab, Lahore, Pakistan.



37. Participated in “*International Symposium on Diet as an Adjunctive Measure for Prevention and Management of Dengue Epidemics*”, 30-31 January 2012, University of Agriculture Faisalabad, Pakistan.
38. Participated in “*International Conference on Emerging Issues in Food Safety*”, 14-16 November 2011, University of Agriculture Faisalabad, Pakistan.
39. Participated in One-day seminar on “*GM Crops: A Gateway to Successful Agriculture*”, 15 October 2011, University of Agriculture Faisalabad, Pakistan.
40. Participated in the “*11<sup>th</sup> National Congress of Chinese Society of Environmental Microbiology*”, 28 Nov – 02 Dec 2008, Wuxi, China.

## OUTREACH ACTIVITIES

1. <http://www.suchtv.pk/program/agri-talk/item/10693-agri-talk-16-04-2014.html> (April 16, 2014)
2. <http://www.suchtv.pk/program/agri-talk/item/12291-agri-talk-02-07-2014.html> (July 07, 2014)
3. <https://www.facebook.com/photo.php?v=10150934151296561&set=vb.590386560&type=3&theater>
4. <https://www.facebook.com/photo.php?v=10152139417941561&set=vb.590386560&type=2&theater>
5. [https://www.facebook.com/hashtag/nafs\\_ramadan?source=feed\\_text&epa=HASHTAG&\\_tn=\\*NKH-R](https://www.facebook.com/hashtag/nafs_ramadan?source=feed_text&epa=HASHTAG&_tn=*NKH-R) (April 24, 2020)
6. <https://www.facebook.com/NAFSFood/videos/554798161856807> (June 23, 2020)

## TRAININGS AND WORKSHOPS

1. Fellow of “*39<sup>th</sup> Palm Oil Familiarisation Programme (POFP 2019)*”, 22-28 September 2019, organized by Malaysian Palm Oil Board (MPOB) at The Le-Meridien Hotel, Putrajaya, Malaysia.
2. Participated in Training on “*Halal Lead Implementer Course PS:3733-2016*”, 12-13 July 2019 by Fahm-ul-Halal, held at TTI Labs Lahore, Pakistan.
3. Training on “*Testing Requirements & Pre-requisites from Halal Perspectives*”, 18 August 2018 at TTI Labs Lahore, Pakistan.
4. Participated in a Training workshop on “*Fundamental of Halal Foods*”, 3rd April 2017 held at Gulab Devi Educational Complex Lahore, Pakistan
5. Successful completion of course assessment and examination for the course “*Good Manufacturing Practices (GMPs)*”, 18-19 February 2016 organized by Bureau Veritas through Trade Related Technical Assistance (TRTA-II) program by UNIDO at Lahore, Pakistan
6. Successful completion of course assessment and examination for the course “*Global G.A.P.*”, 14-16 March 2016 organized by Bureau Veritas through Trade Related Technical Assistance (TRTA-II) program by UNIDO at Lahore, Pakistan.
7. Participated in “*Workshop on Dengue Management*” 21 December 2015 at Institute of Agricultural Sciences, University of the Punjab, Lahore, Pakistan
8. Participated in “*One Day Training Workshop on Halal Foods*”, 01 September 2015 organized by Islamic Food and Nutrition Council of America (IFANCA) at PCSIR Labs Lahore, Pakistan
9. Participant of “*International Workshop on Biofortification of Staple Crops; a solution to combat malnutrition*”, 29-31 March 2015 at University of Agriculture Faisalabad, Pakistan

10. Three days e-learning training on “**Food Safety and Traceability**”, (December 11-13, 2012) organized by Asian Productivity Organization (APO) Japan, at University of Agriculture Faisalabad, Pakistan.
11. Training/technical Session on “**Techniques for Writing and Presenting a Scientific Paper**” conducted by Michael Grossman (University of Illinois, USA), (May 29-30, 2006) held at Nanjing Agricultural University, China.
12. Training course on “**Integrated Pest Management (IPM) in Food Industries**”, (September 10-11, 2004) organized by Food Vision Pakistan at K&Ns Foods (Pvt.) Ltd., Pakistan.
13. Participated in Training of Trainers on “**Research Methodologies in Nutrition Research**”, 8-11 October 2019, organized by Scaling Up Nutrition Academia & Research (SUN-AR) Network at University of Lahore, Pakistan.
14. Three days training workshop on “**Research Methodologies and Scientific Writing Skills**”, (August 28-30, 2017) organized by Scaling Up Nutrition Academia & Research (SUN-AR) Network at University of Veterinary & Animal Sciences, Pakistan.
15. Fellow of 43rd Postgraduate Training Course on “**Nuclear and other Advanced Techniques in Agricultural and Biological Research**”, (Nov 02-13, 2015) held at Nuclear Institute for Agriculture and Biology (NIAB) Faisalabad, Pakistan.
16. Fellow of 2014 Food Biotechnology Training Course for Developing Countries “**Unravelling the Complexity of Mixed Cultures in Food Fermentations**”, (Nov 15-19, 2014) organized by CAS-TWAS CoEBio at Luzhou Laojiao Group Co. Ltd., Luzhou-Sichuan, China.
17. Fellow of 2013 Food Biotechnology Training Course for Developing Countries “**Classical Biotechnology (Fermentation) and Genomics for New and Improved Food Products**”, (Nov 28 to Dec 4, 2013) organized by CAS-TWAS CoEBio at Institute of Microbiology, Chinese Academy of Sciences, Beijing, China.
18. Five days workshop on “**Isolation and Molecular Characterization of Shiga Toxin Producing E. coli O:157**” (March 1-5, 2011) held at University of Veterinary & Animal Sciences, Pakistan.
19. One day hands on research workshop on “**Managing Plagiarism in Academic Research- Hands on Training Using Turnitin Software**” (March 4, 2011) held at University of Lahore, Pakistan.
20. One day workshop on “**Use of Endnote Software for Citation and Referencing in Research**” (February 8, 2011) held at UVAS Lahore, Pakistan (As resource person).
21. Training course on “**Protocols for Basic Molecular Manipulation Techniques**”, (June 24-27, 2006) held at College of Life Sciences, Nanjing Agricultural University, China.
22. Participated in “**Session on Career Development**”, (September 19, 2020) organized by Pakistan Society of Food Scientists & Technologists (PSFST) Regional office Lahore, Pakistan
23. Training course on “**Peace Narrative**”, (February 04, 2020) organized by Centre for Health and Gender Equality (CHANGE) at University of the Punjab, Lahore, Pakistan.
24. Three days training of the trainers on “**Humanity, Altruism & Citizenship in Pakistan**”, (August 23-25, 2017) organized by Ministry of Human Rights at University of the Punjab, Lahore, Pakistan.
25. Three days training on “**Project Preparation / PC I / PC II / Appraisal and Approval**”, (July 3-5, 2013) organized by Pakistan Planning and Management Institute, Islamabad, Pakistan.
26. Fellow of “**20<sup>th</sup> Master Trainer - Faculty Professional Development Program (MT-FPDP)**”, (January 7 to March 2, 2013) organized by Higher Education Commission (HEC), Islamabad, Pakistan.
27. Four days “**Faculty Orientation Training Program 2012**”, (July 3-6, 2012) held at Institute of Administrative Sciences, University of the Punjab, Lahore, Pakistan
28. Training course on “**Website development (E. Commerce)**” (January 21 to May 21 2002) from Fauji Institute of Information Technology, Faisalabad, Pakistan.

29. Training course on “ *Use of Micro Soft Office Software (Office Automation)*” (November 12, 2001 to January 20, 2002) from Fauji Institute of Information Technology, Faisalabad, Pakistan.

## SERVICES

- Member Scientific Panel Punjab Food Authority (PFA), Pakistan
- Member Qualification Development Committee (QDC) for development of Occupational Profiling and Competency Standards for Food Preservation Technology by National Vocational and Technical Training Commission (NVTCC) in year 2020
- Member National Curriculum Revision Committee (NCRC) on Food Science and Technology (2013-2016), Higher Education Commission (HEC), Pakistan
- Focal Person Scaling-Up Nutrition Academia & Research (SUN-AR) at University of the Punjab
- Curriculum reviewer for Food Safety Training Level-2 course in Punjab Food Authority
- Member BoS Department of Food and Human Nutrition, UVAS Lahore
- Ex-Member BoS Department of Food Science & Technology, UCP Lahore
- Member BoS Department of Food Science & Technology, Minhaj University Lahore (MUL)
- Member BoS School of Food and Agricultural Sciences, University of Management & Technology (UMT) Lahore
- External examiner for M.Phil. & PhD degree Viva Voce exams in different Universities
- Reviewer of the research papers for different Peer reviewed journals
- Focal Person for ORIC, QEC and DEL at Faculty of Agricultural Sciences
- Superintendent, Boys Hostel No. 1, University of the Punjab, Lahore

## HONOURS AND AWARDS

- Awarded by “*Performance Based TTS Increment*” for the year 2013, 2014, 2015, 2016, 2018, 2019 and 2020
- Awarded by Full Sponsorship through Malaysian Technical Cooperation Program (MTCP) to attend “*39<sup>th</sup> Palm Oil Familiarisation Programme (POFP 2019)*”, 22-28 September 2019, held at Putrajaya, Malaysia
- Selected as “*Mevlana Instructor (visiting faculty)*” at Department of Nutrition and Dietetics, Marmara University Istanbul, Turkey in year 2016
- Ambassador of “*Global Harmonization Initiative (GHI)*” in Pakistan from year 2013-2018
- “*Secretary Coordination (Central Executive Council)*”, Pakistan Society of Food Scientist and Technologists (PSFST) (Session 2020-2022)
- “*General Secretary*”, Pakistan Society of Food Scientist and Technologists (PSFST)–Lahore Chapter (Session 2018-2020)
- “*Secretary Press & Public Relations*”, Pakistan Society of Food Scientist and Technologists (PSFST)–Lahore Chapter (Session 2012-2014, 2014-16 and 2016-18)
- Declared as “*Best International Student*” at Nanjing Agricultural University, China during academic session 2007-2008.
- Awarded by “*Overseas scholarship for PhD*” studies in China in year 2005 by Higher Education Commission (HEC), Pakistan.

## AFFILIATIONS

- Life Member, Pakistan Society of Food Scientist and Technologists (PSFST)
- Life Member, Nutritionist Association of Pakistan
- Life Member, Pakistan Agricultural Scientists (PAS) Forum
- Global Outreach Member, American Society of Microbiology
- Member, Global Harmonization Initiative (GHI)
- Member, Institute of Research Promotion (IRP) Pakistan
- Member, National Academy of Young Scientists, Pakistan
- Member, ISEKI-Food Association (IFA)

## LANGUAGES

- **English:** As a medium of instructions throughout the educational career including PhD studentship in China.
- **Chinese:** Successfully completed the **Basic Chinese Language Learning** course from Tianjin Normal University, China

## REFERENCES

- **Prof. Dr. Tahir Zahoor**  
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