CURRICULUM VITAE

I: Personal Information



1. **Name:** **Dr. Tariq Mukhtar**
2. **Father's Name:** **Mukhtar Ahmad**
3. **Designation:** **Professor**
4. **Date of Birth:** **24.06.1966**
5. **Nationality:** **Pakistani**
6. **NIC No.** [redacted]
7. **Marital Status:** **Married**
8. **Official Address:** **Department of Plant Pathology, Pir Mehr Ali Shah Arid Agriculture University Rawalpindi.**
9. **Phone No. (Res.)** [redacted]

[redacted] **Phone No. (Off.)** [redacted]

[redacted] **Cell No.** [redacted]

[redacted] **E-mail:** [redacted]

Identifiers

	http://www.uaar.edu.pk/fcfs/faculty_details.php?dept_id=3&fac_id=106
	https://www.scopus.com/authid/detail.uri?authorId=23482217000 Author ID: 23482217000
	http://orcid.org/0000-0002-0379-3320
	https://www.mendeley.com/profiles/tariq-mukhtar/
	publons.com/a/1183214/
	https://www.researchgate.net/profile/Tariq_Mukhtar2
	https://www.linkedin.com/in/professor-dr-tariq-mukhtar-21a0b2116/
Web of Science Researcher ID	**D-3201-2011**

	https://scholar.google.com.pk/citations?user=Qc0YgxkAAAAJ&hl=en
	https://uiit.academia.edu/DrTariqMukhtar
	https://www.facebook.com/tariq.mukhtar.92
	https://twitter.com/drtmukhtar
	http://loop.frontiersin.org/people/449005/overview
	https://www.reviewercredits.com/user/tarimukh/

II. Educational Qualifications

(a) University Education

Sr. #	Institution Attended	Degree obtained	Major Subject	Year of Passing	Marks / CGPA	Div.
1	University of Reading, UK	Post Doc	Plant Pathology/ Plant Nematology	2010	-	-
2	University of Agriculture, Faisalabad.	Ph. D	Plant Pathology	2000	421/520	1st
3	University of Agriculture, Faisalabad.	M.Sc.	Plant Pathology	1992	3.85/4.00 658/840	1st
4	University of Agriculture, Faisalabad.	B.Sc.	Plant Pathology	1989	3.01/4.00 2581/3940	1st

(b) Secondary School and Intermediate Examination

Sr. #	Institution Attended	Certificate obtained	Major Subject	Year of Passing	Marks	Div.
1	Government College, Faisalabad.	F. Sc.	Pre-Medical	1985	690/1100	1st
2	Government New Model High School, G. M. Abad, Faisalabad.	Matriculation	Science	1982	660/850	1st

(c) Academic Distinction

First position in M.Sc. (Hons) Plant Pathology in 1992.

(d) Diploma/Certificate

S. No.	Diploma/Certificate	Institution	Period/Year	Marks
1.	N.C.C	Govt. College, Faisalabad	Oct. 10th to 29 Feb., 1984	-
2.	Diploma in Arabic	University of Agriculture, Faisalabad	1986	140/200

III-A. Professional Experience

Total experience: 28 years of research and teaching

Sr. #	Post held	Department / Institution	Period	
			From	To
1	**Professor**	University of Arid Agriculture, Rawalpindi	**27-06-2014**	**To date**
2	**Associate Professor**	University of Arid Agriculture, Rawalpindi	**04-11-2006**	**26-06-2014**
3	**Assistant Professor**	University of Arid Agriculture, Rawalpindi	**06-10-2006**	**03-11-2006**
4	**Agricultural Officer**	Agriculture, Pest Warning & Quality Control of Pesticides (Plant Protection)	**30-05-1991**	**05-10-2006**

III-B. Administrative Experience

Total experience: 28 years of research and teaching

Sr. #	Post held	Department / Institution	Period	
			From	To
1	**Chairman**	Department of Plant Pathology, PMAS Arid Agriculture University, Rawalpindi	**18-08-2014**	**17-08-2017**
			18-08-2020	**19-05-2024**
2	**Dean**	Faculty of Agriculture, PMAS Arid Agriculture University, Rawalpindi	**04-05-2023**	**To Date**
3	**Principal Officer Student Affairs**	PMAS Arid Agriculture University, Rawalpindi	**06-10-2018**	**03-11-2020**
4	**Principal Officer, Estate Care**	PMAS Arid Agriculture University, Rawalpindi	**28-08-2023**	**05-10-2024**

IV. Membership of Societies

Life member of the following societies

a) Zoological Society of Pakistan (ZSP)
b) Pakistan Society of Nematologists (PSN) (**President**)
c) Pakistan Phytopathological Society (PPS) (**President**)
d) Pakistan Botanical Society (PBS)
e) Myco-Phytopathological Society of Pakistan (MYCOPS)
f) Weed Science Society of Pakistan (WSSP)
g) Pakistan Association for the Advancement of Science (PAAS)
h) American Phytopathological Society (Member) (APS) Member ID: 233448
i) International Society for Plant Pathology
j) International Society for Development and Sustainability (ISDS)
k) Pakistan Society for Microbiology
l) Pakistan Society of Plant Protection (**President**)
m) Asian Council of Science Editors (ACSE) (Member)
n) Asian Phytopathological Society (Member)
o) British Society for Antimicrobial Chemotherapy
p) American Society for Microbiology

V. Awards

Research Productivity Award PMASUAAR **2025**
Research Productivity Award PMASUAAR **2023**
Best Reviewer of 2020 (**Reviewer Credits**)
Publons Peer Review Award **(Top Reviewers in Agricultural Sciences 2019)**
Publons Peer Review Award **(Top Reviewers for Agricultural and Biological Sciences 2017)**
Research Productivity Award **2015** by **Pakistan Council of Science and Technology**
Research Productivity Award **2014** by **Pakistan Council of Science and Technology**
Productive Scientist of Pakistan **2016** by **Pakistan Council of Science and Technology**
Productive Scientist of Pakistan **2013** by **Pakistan Council of Science and Technology**

VI. External Examiner

Evaluated theses of more than 100 M. Sc. and Ph.D. students of Department of Plant Pathology, University of Agriculture, Faisalabad, Institute of Agricultural Sciences, Punjab University, Lahore, Bahauddin Zakaria University, Multan, University of the Poonch, Rawalakot, Sargodha University, Sargodha, Quaid-i-Azam University, Islamabad, National University of Science and Technology, Islamabad, National Agricultural Research Centre, Islamabad and conducted their viva as external examiner.

VII: Research Projects (As Principal Investigator)

Sr #	Name of project	Funding Agency	Amount in Rs. M	Status
1	Spawn production, mushroom cultivation and developing mushroom based proteinaceous food as a value-added agriculture product	ORIC PMAS AAUR	0.8	In progress
2	Distribution and Management of Root-knot nematodes	Endowment Fund, UAF	2.222	Completed
3	Genetic diversity and phylotyping of *Ralstonia solanacearum* strains causing bacterial wilt of chilies in major chili growing areas of Pakistan	Higher Education Commission of Pakistan	5.347	Completed
4	Nematodes infecting temperate fruits in Pakistan and their management	Pakistan Science Foundation	5.246	Completed
5	Development of nematicidal formulation of novel bacterial strains against root knot nematodes	Pakistan Science Foundation	6.289	Under review

As Co-Principal Investigator

Sr #	Name of project	Funding Agency	Amount in Rs. M	Status
1	Nutritional quality assessment and comparison of commonly consumed rainfed arid cereal varieties of Pakistan for their effective marketing and commercialization	Higher Education Commission of Pakistan	5.55	In progress
2	Expression of pathogenesis related (PR) proteins to acquire systemic resistance against fungal pathogens (*Alternaria* and *Fusarium*) of sesame	Higher Education Commission of Pakistan	3.36	In progress
3	Bio-management of *Meloidogyne incognita*	Higher Education Commission of Pakistan	0.48	In progress
4	Incidence, detection and characterization of Badnavirus in Potohar region	Higher Education Commission of Pakistan	0.48	In progress

VIII: Supervision Experience

(1): As Supervisor

Sr. No.	Degree	No. of Students completed	No. of Students in progress
1	Ph.D.	10	6
2	M.Sc. Hons	65	5
3	B. Sc. Hons	130	3

(2): As Co-Supervisor

Sr.No.	Degree	No. of Students completed	No. of Students in progress
1	Ph.D.	30	8
2	M.Sc. Hons	50	15

IX: Editorships

1. **Editor-in-Chief** (Plant Protection)
2. **Editor-in-Chief** (Pakistan Journal of Phytopathology)
3. **Editor** (Archives of Phytopathology and Plant Protection)
4. **Editorial Board Member** (Physiological and Molecular Plant Pathology)
5. **Review Editor** (Frontiers in Plant Science: Plant Pathogen Interactions)
6. **Review Editor** (Frontiers in Microbiology: Microbe and Virus Interactions with Plants)
7. **Senior Editor** (Plant Bulletin)
8. **Editor (**International Journal of Phytopathology**)**
9. **Editor** (Mycopath)
10. **Section Editor** (Pakistan Journal of Agricultural Sciences) **till November, 2019**
11. **Member Editorial Board** (Pakistan Journal of Nematology)
12. **Member Editorial Board** (EC Bacteriology and Virology Research)
13. **Editor** (Agricultural Research & Technology)
14. **Member Advisory Board** (Journal of Rural Development and Agriculture)
15. **Member Editorial Board (**International Journal of Biology and Biotechnology)
16. **Member Reviewer Board** (Toxins)
17. **Member Editorial Advisory Board** (Jammu Kashmir Journal of Agriculture)
18. **Member, Advisory Board** (Indian Journal of Nematology)

X: Peer review activities

Conducted peer-review of many research papers of international and national journals.

For detail see Publons Review Record

XI. Research Interests

My interests are in applied and basic research in Plant Pathology. My basic research efforts are on the identification of plant pathogenic bacteria and nematodes by using conventional, biochemical and molecular approaches. Pathogens of interest include root-knot nematodes, citrus nematode, wheat seed gall nematode, *Ralstonia solanacearum*, *Macrophomina phaseolina*, *Ceratocystis* spp.

My applied interests have focused on managing diseases of various crops particularly vegetable crops using Integrated Management Practices. My efforts have focused on the numerous disease management practices including resistance, cultural practices, and chemical and non-chemical methods of disease control. Crops which I have had considerable experience with include numerous vegetables (particularly cucumber, tomato, okra, eggplant, potato, chili and cucurbits), fruit (apple, peach, mango, citrus, plum), and filed crops (wheat, cotton and rice).

XII. Other Duties

- Served as technical advisor (Plant Pathology) of selection boards of
  - Institute of Agricultural Sciences, Punjab University, Lahore
  - The Islamia University, Bahawalpur
  - Sargodha University, Sargodha
  - The University of Poonch, Rawalakot, AJK
  - Bahauddin Zakaria University, Multan
  - Punjab Public Service Commission
- Member Academic Council, Pir Mehr Ali Shah Arid Agriculture University, Rawalpindi (PMAS-AAUR).
- Chairman, Department of Plant Pathology, PMAS-AAUR (18-08-2014 to 17-08-2017 and 18-08-2020 to date).
- Member Faculty Board, Faculty of Crop and Food Sciences, PMAS-AAUR.
- Member Board of Studies, Department of Plant Pathology, PMAS-AAUR.
- Member Self-Assessment Team, Department of Plant Pathology, PMAS-AAUR.
- Member Gown Committee, PMAS-AAUR.
- Member Computer Management System (CMS), Department of Plant Pathology, PMAS-AAUR.

- Member Management Team, Hydroponic System, PMAS-AAUR.
- Member Academic Council, Bahauddin University, Multan.
- Member Board of Studies, Department of Plant Pathology, Bahauddin University, Multan (05-11-2015 to date).
- Member Board of Studies, Department of Plant Pathology, The University of Poonch, Rawalakot.
- Member Board of Studies, National Agriculture Research Council, Islamabad.
- Member DTRC, Kohat University of Science and Technology, Kohat
- Member DTRC, University of Haripur, Haripur
- Member DTRC, Bahauddin Zakaria University, Multan
- Member DTRC, Ghazi University, Dera Ghazi Khan
- Member DTRC, Department of Plant Pathology, The University of Poonch, Rawalakot
- Principal Officer (Student Affairs) PMAS-AAUR (11-02-2019 to 23-09-2021).
- Member Disciplinary Committee, PMAS-AAUR (11-02-2019 to date).
- Member Campus Committee, PMAS-AAUR (11-02-2019 to date).
- Member BF management committee
- Member Students Fund Utilization Committee
- Research Coordinator (Plant Pathology, PMAS AAUR)
- Chief Administrator of Advisory Board of Naveed-e-Baraan
- Member Programs Management Committee for the celebration of Silver Jubilee 2019
- Convener, Programs Coordination Committee for the celebration of Silver Jubilee 2019
- Member, Board of Studies, Department of Agricultural Extension, PMAS AAUR.
- Member Faculty Board, Institute of Biochemistry and Biotechnology, PMAS AAUR

XIII. Trainings received/workshops

S. No	Name of course/ workshop attended	Period	Institution
1.	5th International Workshop for Capacity Building in Nematology	February 12-22, 2018	National Nematological Research Centre, University of Karachi, Karachi.
2	One day farmers workshop biological management of root knot nematodes on vegetables	October 10, 2012	Punjab Agricultural Research Board and Department of Plant Pathology, University of Agriculture, Faisalabad
3	1st National Workshop on "Cutting-edge issues and quality concerns in the emerging agricultural scenario".	03-03-2008 to 04-03-2008	University College of Agriculture, University of Sargodha, Sargodha.
4	International Training workshop on Nematode	22-10-2007 to 03-11-2007	National Nematological Research Centre, University of Karachi,

	Identification		Karachi.
5	Controlled and modified atmospheres to preserve post-harvest quality of stored grains.	30-07-2007 to 31-07-2007	Department of Entomology, University of Arid Agriculture, Rawalpindi.
6	Basic tools for isolation and identification of micro-organisms.	27-12-2006 to 30-12-2006	Department of Plant Pathology, University of Arid Agriculture, Rawalpindi.
7	Biological Control of Plant Parasitic Nematodes	18-08-1997 to 31-08-1997	National Nematological Research Centre, University of Karachi, Karachi

XIV. Conferences/Symposia

S. No.	Conferences/ Symposia	Dates	Organizer/Venue
1	9th International Conference of the Pakistan Phytopathological Society, 2025	16-18 November, 2025	Department of Plant Pathology, PMAS AAUR and Pakistan Phytopathological Society
2	9th International Horticulture Conference and Expo-2025	15-17 April, 2025	Pakistan Society of Horticultural Sciences and Department of Horticulture, PMAS-AAUR
3	2nd International Conference & Expo of Plant Sciences Plant Biodiversity and Food Security in the Wake of Climate Change	19-21 November, 2024	Faculty of Sciences, PMAS-AAUR and Himalayan Hemp & Herbal Products (Pvt) Ltd.
4	Hyperspectral Imaging for the Detection of Plant Pathogens from Seeds	02-03 October, 2024	Department of Plant Pathology, PMAS-AAUR, CETEWA and ORIC PMAS-AAUR
5	The Development of IPM Packages Compatible with *Trichogramma* for Tomatoes	August 29-30, 2024	CABI, Plantwise Program
6	Validation Workshop for the MRL Study on Tomato	July 05, 2024	CABI, Plantwise Program
7	8th International Conference on Sustainable Livelihoods: Climate-Smart Agriculture for Food Security	July 03-04, 2024	Faculty of Agriculture, University of Poonch Rawalakot, Azad Jammu and Kashmir
8	2nd Vice Chancellors' Confernce on Civic Studies	May 21-22, 2024	PHEC Lahore
9	National Consultation Workshop on Introducing New Courses on Food System	April 17-18, 2024	NAEAC and GAIN

	Transformation in Pakistan		
10	1st National Citrus Conference on Challenges in Citrus Production	March 5, 2024	University of Sargodha, Sargodha
11	9th International and 18th National Conference on "Biodiversity and Medicinal Plants: A Way Forward to Sustainable Development (BMP-SD 2023)	December 14-16, 2023	PMAS-Arid Agriculture University Rawalpindi and Weed Science Society of Pakistan
12	Brainstorming Session on Pest Surveillance in Pakistan	December 12, 2023	CABI, Plantwise Program
13	8th ICPPS on Sustainable Agriculture & Food Security "A Nexus of Plant Pathogens, Climate Change and Water Challenges"	November 26-28, 2023.	Department of Plant Pathology, Faculty of Agriculture and Environment, The Islamia University of Bahawalpur and Pakistan Phytopathological Society
14	2nd International Conference of Sciences on "Revamped Scientific Outlook of 21st Century, 2023	November 15, 2023	Rawalpindi Women University, 6th Road, Rawalpindi
15	Two Days Workshop on Development of Strategy for Social & Behaviour Change Campaign on Safer Use of Pesticides & Validation on the Contents on Responsible Use of Pesticides in Pakistan Manual	September 14-15, 2023	CABI, Plantwise Program
16	41st Pakistan Congress of Zoology (International)	March 16-18, 2023	Institute of Zoology, University of the Punjab, Lahore
17	7th Edition of Global Congress on Plant Biology and Biotechnology (Virtual Event).	March 16-18, 2023	
18	NUST Conference on Agricultural Sciences and Technology (NCAST-23).	14-16 March, 2023	Atta-ur-Rahman School of Applied Biosciences (ASAB), National University of Science and Technology (NUST), Islamabad.
19	International Conference on Food Security through Sustainable Agriculture Strategies in the Current Climate Change Scenario	March 8-10, 2023	Department of Plant Protection, The University of Agriculture, Peshawar.

20	First International Conference on Biodiversity of Arid Zone (ICBAZ-2023)	March 7-8, 2023	Sindh Agriculture University, Sub-Campus, Umerkot, Sindh.
21	Stakeholders' Engagement Workshop on Regulatory Harmonization in Pakistan for MRLs and Biopesticides	February 14, 2023	National Agricultural Research Centre, Islamabad organized by CABI, Plantwise Program
22	3rd International Conference on Smart Plant Protection	January 03-04, 2023	Institute of Plant Protection, MNS University of Agriculture, Multan, Pakistan
23	Parthenium Workshop	November 17-18, 2022	CABI, Plantwise Program
24	10th International Conference on Biological and Computational Sciences (C-BICS 2022)	November 12, 2022	Department of Bioinformatics and Biosciences, Capital University of Science & Technology, Islamabad, Pakistan
25	1st International Conference on Revamped Scientific Outlook of 21 Century	October 12, 2022	Rawalpindi Women University, Rawalpindi
26	Agriculture Stakeholders Conference	September 13, 2022	Faculty of Crops and Food Sciences, Pir Mehr Ali Shah Arid Agriculture University, Rawalpindi
27	1st International Conference on Climate Resilient Agriculture for Sustainable Development & Food Security (ICCRA-SD & FS-2022)	September 5-7, 2022	Department of Agriculture, Allama Iqbal Open University, Islamabad
28	7th International Conference On Climate Smart Agriculture: Innovations and Adaptations	June 15-17, 2022	University of Poonch, Rawalakot, AJK, as invited speaker.
29	International Conference on Plant Science and Management of Dry lands for Agriculture and Biodiversity – Step towards Sustainable Development	June 1-2, 2022	Department of Botany, University of Baluchistan, Quetta as invited speaker on zoom
30	National Symposium on Chili Diseases	May 30, 2022	Sindh Agriculture University, Tandojam, Pakistan Society of Nematologists and Pakistan Phytopathological Society Agriculture Research Sindh
31	1st International Conference on Plant Protection Sciences	March 29-30, 2022	Sindh Agriculture University, Tandojam, Pakistan

	(ICPPS-2022)		
32	4th Online International Conference on Environmental Sustainability and Climate Change	March 28-29, 2022	Coalesce Research Group LLC
33	6th Edition of Global Congress on Plant Biology and Biotechnology | Online Event	March 24-26, 2022	Organizer: Magnus Group 150 South Wacker Drive #2400, Chicago, IL 60606, USA Website: https://www.magnusgroup.org/
34	International conference on "New Trends in Biological Sciences"	March 21-22, 2022	Organized by Institute of Pure and Applied Zoology (IPAZ), School of Applied Biology (SAB), Faculty of Life Sciences, University of Okara, 2-km Multan Road Renala Khurd Campus, Punjab, Pakistan
35	2nd International Conference on Smart Plant Protection	March 9-10, 2022	Institute of Plant Protection, MNS University of Agriculture, Multan, Pakistan
36	31st all Pakistan Food Science Conference 2022 "Transformation of the food system on a sustainable food future"	February 21-22, 2022	Pakistan Society of Food Scientists and Technologists at the Institute of Food and Nutritional Sciences, PMAS-Arid Agriculture University Rawalpindi-Pakistan
37	International Conference on Food Security through Sustainable Plant Protection Strategies	January 16-20, 2022	Organized by Department of Plant Protection, The University of Agriculture, Peshawar
38	The First Virtual Congress of Zoology (40th Pakistan Congress of Zoology-International)	December 14, 17-19, 2021	Department of Parasitology, Sindh Agriculture University, Tandojam
39	7th International Conference of Pakistan Phytopathological Society "Phytopathology: Current Scenario and Future Prospects"	November 21-23, 2021	Department of Plant Pathology, University of Agriculture Faisalabad and Ayub Agricultural Research Institute, Faisalabad
40	Training Workshop on "How to Become a Plant Doctor"	November 18-19, 2021	Department of Plant Pathology, Pir Mehr Ali Shah Arid Agriculture University, Rawalpindi and CABI, Plantwise Program
41	16th National Weed Science	July 08-10, 2021	Department of Weed Science

	Congress of Weed Science Society of Pakistan		and Botany, The University of Agriculture Peshawar, Pakistan
42	16th Nematological Event: Present Era of Ecofriendly Nematode Management Strategies	June 17-18, 2021	Pakistan Society of Nematologists and National Nematological Research Centre (NNRC), University of Karachi
43	Training Workshop on "Integrated Disease Management"	June 07-09, 2021	Department of Plant Pathology, Pir Mehr Ali Shah Arid Agriculture University, Rawalpindi, PPS and PSN
44	Seminar on "Integrated Prevention and Control of Locust and other Plant Diseases and Pests for Pakistan"	March 13-27, 2021	National Agricultural Technology Extension and Service Center, Beijing, People's Republic of China
45	Scientific conference for the renaissance of Palestine	January 28, 2021	Palestine's liberation Organization, State of Palestine
46	Critical Issues in the Youth Researchers Development	January 22, 2021	Palestine's liberation Organization, State of Palestine
47	Improvement of Research Skills of Students and Youth Researchers During The Pandemic	October 9-10, 2020	Organized by Biosciences Research Support Foundation (BRSF), Egypt
48	1st International Online Conference Entitled: (Maintenance of a Safe Life during the Pandemic)	September 24-27, 2020	Organized by Biosciences Research Support Foundation (BRSF) in collaboration with Diabetic Youth Care Association (DYCA) and Eastern Mediterranean NCD Alliance at Cairo, Egypt
49	40th Pakistan Congress of Zoology (International)	March 10-12, 2020	Department of Zoology, Sindh Agriculture University, Tandojam and Zoological Society of Pakistan
50	International Horticulture Conference 2020	February 26-28, 2020	Pakistan society for Horticultural Sciences and Institute of Agricultural Sciences, University of the Punjab Lahore
51	15th Nematological event and annual meeting of the General Body of Pakistan Society of Nematologists	December 30-31, 2019	Pakistan Society of Nematologists and National Nematological Research Center, University of Karachi, Karachi

52	6th International Conference on "Sustainable Agriculture in Changing Climate: Strategies and Management"	June 19-21, 2019	Faculty of Agriculture, University of the Poonch Rawalakot, Azad Jammu and Kashmir
53	1st International Conference on Sustainable Agriculture: Food Security under Changing Climate Scenarios	April 3-5, 2019	Faculty of Agricultural Sciences, Ghazi University, Dera Ghazi Khan
54	1st International Conference on "Agricultural and Biological Sciences" Focusing Food Security and Climate Change	March 27-30, 2019	Faculty of Basic & Applied Sciences, the University of Haripur, Pakistan
55	1stAus-Pak International Conference on Pulses for Food Security	March 27, 2019	MNS University of Agriculture, Multan, Pakistan
56	1stAus-Pak International Conference on Wheat for Food Security	March 25, 2019	Institute of Plant Breeding and Biotechnology, MNS University of Agriculture, Multan
57	International Horticulture Conference Pakistan	February 26-28, 2019	Department of Horticulture, Bahauddin Zakaria University, Multan
58	Conference on Innovations in Agriculture: Nourishing Pakistan in Changing Climate	February 13-15, 2019	Institute of Soil & Environmental Sciences University of Agriculture Faisalabad, Pakistan & Pakistan Agricultural Scientists Forum (PAS)
59	6thInternational Conference on Biological and Computational Sciences (C-BICS 2018)	December 13, 2018	Department of Bioinformatics & Biosciences, Capital University of Science and Technology, Islamabad
60	2ndInternational Conference of Plant Sciences	December 5-7,2018	Department of Botany, GC University Lahore
61	National conference on Agricultural Problems and Food Security in the Changing Climate	November 14-17, 2018	University of Agriculture, Peshawar
62	International Conference on Biological Control of Pests & Diseases: Progress & Prospects"	July 09-11, 2018	Department of Agriculture & Agribusiness Management, University of Karachi, Karachi
63	International Horticulture Conference	April 25-27, 2018	Department of Horticulture, University of Arid Agriculture, Rawalpindi.
64	1st International and 2nd	March 26-28,	College of Agriculture, BZU,

	National Conference on "Challenges and Opportunities to Boost Agriculture in Changing Climate"	2018	Bahadur Sub Campus, Layyah
65	14th National Weed Science Congress of Weed Science Society of Pakistan	March 24-25, 2018	Islamia College Peshawar,
66	7th International and 16th National Conference on "Plant Resources: Current Trends, Challenges and Solutions"	March 23-26, 2018	Islamia College Peshawar University of Peshawar, Pakistan Botanical Society
67	38th Pakistan Congress of Zoology (International)	February 27 – March 1, 2018	University of the Punjab, Lahore
68	11th International Biennial Conference of Pakistan Society for Microbiology "Applied Microbial Genomics in Public Health, Food, Pharma and Agriculture"	18-20 December, 2017	Institute of Food Science and Nutrition, Bahauddin Zakaria University, Multan, Pakistan
69	1st International Conference on "Conventional and modern approaches in plant sciences" (CMAPS-2017)	November 27-29, 2017	Department of Botany, University of the Punjab, Lahore, Pakistan
70	6th International Conference of Pakistan Phytopathological Society on "Plant Health for Sustainable Agriculture"	November 20-22, 2017	Department of Plant Pathology, Bahauddin Zakaria University, Multan & Central Cotton Research Institute, Multan
71	6th International and 15th National Conference on "Dynamic Trends in Plant Sciences-Fostering Environment and Food Security"	May 9-11, 2017	Sardar Bahadur Khan Women's University in collaboration with Pakistan Botanical Society
72	37th Congress of Zoology (International)	February 28 to March 2, 2017	GC University, Faisalabad
73	Conference on "sustainable crop and animal production systems"	December 8-10 2016	University of Haripur, KPK, Pakistan
74	International Conference Asia-Pacific Policy Dialogue on Water, Energy and Food Security for Poverty Alleviation in Dryland Regions	November 23 - 25, 2016	UNESCO & PMAS Arid Agriculture University Rawalpindi-Pakistan
75	International conference on	March 28-30,	Department of Botany,

	major environmental constraints to plants: Assessment & reclamations MECP-2016	2016	Government College University Faisalabad, Pakistan
76	2nd international conference on Horticultural Sciences: Production challenges and food security	February 18-20, 2016	Institute of Horticultural Sciences, University of Agriculture, Faisalabad
77	14th national and 5thinternational conference of Botany: Climate change and phytodiversity: challenges and opportunities	January 15-18, 2016	Department of Botany, University of Karachi, Karachi.
78	5th international and 10th national conference of Pakistan Phytopathological Society: Crop Protection for Sustainable Agriculture	November 23-25, 2015	Institute of Agricultural Sciences, University of the Punjab, Lahore.
79	International Conference on Citriculture: Challenges and Management	February 11-13, 2015	Department of Horticulture, Faculty of Agricultural Sciences and Technology, Bahauddin Zakariya University, Multan, Pakistan.
80	International Conference on Plant Sciences	September 22-24, 2014	Botany Department, GC University, Lahore, Pakistan.
81	5th International Conference on Agriculture, Food Security and Climate Change	September 9-11, 2014	Faculty of Agriculture, The University of Poonch Rawalakot, Azad Jammu and Kashmir-Pakistan, PAS Forum and HEC.
82	World Mango Conference	June 24-25, 2014	University College of Agriculture & Environmental Sciences The Islamia University, Bahawalpur.
83	International Conference on Stress Biology and Biotechnology Challenges & Management	May 21-23, 2014	Institute of Agricultural Sciences, University of the Punjab, Lahore
84	34th Pakistan Congress of Zoology (International)	February 25-27, 2014	Bahauddin Zakariya University, Multarn, Pakistan
85	3rd International Conference of Pakistan Phytopathological Society, Climate Change and Plant Diseases: Challenges and Opportunities	January 23-25, 2014	University of Karachi, Karachi, Pakistan

86	Annual Convention of Canadian Hemp Trade Alliance	November 24-27, 2013	Canadian Hemp Trade Alliance, Saskatoon, Saskatchewan, Canada
87	33rd Pakistan Congress of Zoology (International)	April 2-4, 2013	Pakistan Museum of Natural History (PSF), PMAS Arid Agricultural University, Rawalpindi
88	12th National and 3rd International Conference of Botany	September 1-3, 2012	Quaid-i-Azam University, Islamabad organized by Pakistan Botanical Society and Quaid-i-Azam University.
89	32ndPakistan Congress of Zoology (International)	March 6-8, 2012	Zoological Society of Pakistan. Government College University, Lahore.
90	National Science Conference Roadmap of Cutting Edge Technologies	January 10-12, 2012	Organized by Pakistan Academy of Sciences, Islamabad and Hosted by Pir Mehr Ali Shah Arid Agriculture University, Rawalpindi.
91	International Workshop on Medicinal Plants: Conservation and Sustainable Use	December 8-10th , 2011	Department of Biotechnology, Quaid-i-Azam University, Islamabad.
92	8th National Conference of Pakistan Phytopathological Society (Challenges and Options for Plant Health Management)	November, 28-29, 2011	Department of Plant Pathology, University of Agriculture, Faisalabad
93	31stPakistan Congress of Zoology (International)	April 19-21, 2011	Zoological Society of Pakistan. University of Azad Jammu and Kashmir, Muzaffarabad.
94	Meeting of the Post Graduate Forum	February 3-4, 2010	Royal Entomological Society, Endcliffe Village, University of Sheffield, Sheffield, UK.
95	Advances in Nematology	December 15, 2009	Association of Applied Biologists, Linnean Society of London, UK
96	National Conference on " Recent Advances in Agricultural Biotechnology"	18-19 March, 2008	National Commission on Biotechnology, Islamabad.
97	International Conference on Biological Resources of Pakistan: Problems, Success and Future Perspectives.	25-27 April, 2007	Department of Botany, University of Arid Agriculture, Rawalpindi.
98	International conference on	29-31 March,	Department of Economics,

	"Trade Liberalization & SAFTA: Opportunities, Concerns and Challenges".	2007	University of Arid Agriculture, Rawalpindi.
99	International Symposium on prospects of Horticultural industry in Pakistan	28-30 March, 2007	Institute of Horticultural Sciences, University of Agriculture, Faisalabad
100	International Conference on Role of allelopathy in sustainable agriculture	22-24 March,2007	Department Agronomy, University of Arid Agriculture, Rawalpindi
101	International Symposium on Sustainable Crop improvement and integrated management	14-16 September,2006	Faculty of Agriculture, University of Agriculture, Faisalabad
102	6th National Nematological Conference in Pakistan & Workshop in some Cereals, Fruits and Vegetables in Pakistan	April, 25-27, 2006	NNRC University of Karachi, Karachi
103	National Symposium on Recent Trends in Plant Disease Management	December 20-22, 2005	University of Karachi, Karachi
104	International Symposium on Biodiversity of Nematodes in Pakistan	17-19 May, 2004	National Nematological Research Centre, University of Karachi, Karachi
105	Fourth International Symposium of Plant Pathology	14-16 October, 2003	University of Arid Agriculture, Rawalpindi
106	National Symposium on Nematology	7-9 January, 2 002	National Nematological Research Centre, University of Karachi, Karachi
107	Third National Conference of Plant Pathology	1-3 October, 2002	National Agriculture Research Centre, Islamabad
108	Second International Symposium of Plant Pathology	27-29 March,1999	University of Agriculture, Faisalabad
109	First International Symposium of Plant Pathology	6-7 March, 1996	University of Agriculture, Faisalabad

XV: Organization of Webinars

Sr. No.	Title of Webinar	Date	Guest Speaker	Organized by	Role
1	The Bacterial Wilt of Cucurbits: Ecology, Genetics, and Management	June 07, 2022	**Prof. Dr. Mark L. Gleason** IOWA state University of Science and Technology (ISU)	Department of Plant Pathology, PMAS, Arid Agriculture University, Rawalpindi and Pakistan	Coordinator

			Ames, IOWA, USA	Phytopathological Society	
2	The occurrence and rhizosphere microbial regulation of soybean root rot by maize-soybean relay strip intercropping	May 27, 2022	**Dr. Xiaoli Chang** Associate Professor, Department of Plant Protection, Sichuan Agriculture University, China	Department of Plant Pathology, PMAS, Arid Agriculture University, Rawalpindi	Coordinator
3	3The valuable e4xpertise of w5orld's ren6owned plant bacteriologist	October 05, 2021	**Prof. Dr. Jeffrey B. Jones** Department of Plant Pathology University of Florida, USA	Department of Plant Pathology Faculty of Agriculture & Environment, IUB and Pakistan Phytopathological Society	Guest of Honor
4	One Health approaches to managing crop diseases in rural villages	Septem ber 16, 2021	**Prof. David Guest AM** School of life & Environmental Sciences, Sydney Institute of Agriculture, Sydney, Australia	Department of Plant Pathology, Bahauddin Zakariya University Multan, and Pakistan Phytopathological Society	Guest of Honor
5	Preparing a Successful Manuscript for Submission to a Refereed Journal	Septem ber 08, 2021	**Dr. Stephen Wegulo** Chair Editor, Crop Protection, Department of Plant Pathology, University of Nebraska-Lincoln, USA	Department of Plant Pathology, Bahauddin Zakariya University, Multan and Pakistan Phytopathological Society	Guest of Honor
6	Development of Biopesticide Technology & Future Crop Protection	August 27, 2021	**Dr. Minshad A. Ansari** Founder & CEO @ Bionema Limited Swansea, Wales, Uk **Dr. Mudassir**	Department of Plant Pathology, Bahauddin Zakariya University, Multan and Pakistan Phytopathological	Guest of Honor

			Iqbal Department of Plant Protection Biology, Swedish University of Agricultural Sciences, Sweden	Society	
7	Biological Control of Plant Pathogens: A Way Forward to Sustainable Agriculture	July 30, 2021	**Mattew Gates** Expert & Agriculture Consultant, Zenthanol Consulting, San Diego, California, USA	Department of Plant Pathology, Bahauddin Zakariya University, Multan and Pakistan Phytopathological Society	Guest of Honor
8	Identifying Arthropods in Cultivation: Pest, Biocontrol, and Other Natural Forces	June 30, 2021	**Mattew Gates** Expert & Agriculture Consultant Zenthanol Consulting San diego, California, USA	Department of Plant Pathology, Bahauddin Zakariya University, Multan and Pakistan Phytopathological Society	Guest of Honor
9	Host Pathogen Interactions	June 08, 2021	**Prof. Dr. Gitta Coaker** University of California Davis, USA	Department of Plant Pathology, Faculty of Agriculture and Environment, The Islamia University of Bahwalpur and Pakistan Phytopathological Society	Guest of Honor
10	The Nature of a Cyst Nematode Population Suppression	May 25, 2021	**Prof. Dr. Ole Becker** Department of Nematology, University of California Riverside, USA	Department of Plant Pathology, Faculty of Agriculture and Environment, The Islamia University of Bahwalpur Pakistan Phytopathological Society	Guest of Honor

XVI. Publications:

More than 205 in approved Journals, Proceedings of Conferences mentioned above etc.

XVII. List of Publications

205. Mehak, A., Akram, A., Ali, A., Raja, N.I., **Mukhtar, T.,** Seelan, J.S.S., Shahbaz, M., **2026.** Nano-TiO_2 as a sustainable strategy to control root-knot nematodes (RKNs) in tomato (*Solanum lycopersicum* L.). **Physiological and Molecular Plant Pathology, Article No. 103122. https://doi.org/10.1016/j.pmpp.2026.103122**

204. Batool, M., Raja, M.U., **Mukhtar, T.,** Hassan, M.U., Ahsan, R., Ullah, S., Zakria, M., **2026.** Phenotypic and molecular assessment of bacterial blight resistance genes in elite rice germplasm of Pakistan. **Archives of Phytopathology and Plant Protection. 1-13. https://doi.org/10.1080/03235408.2026.2627616**

203. Saeed, M., **Mukhtar, T.**, Ahmed, R., Mehmood, U., Iqbal, M.A., **2026.** Synergistic efficacy of *Azadirachta indica* and biocontrol agents in mitigating *Meloidogyne javanica* infection in peach. **Australasian Plant Pathology 55, 14. https://doi.org/10.1007/s13313-026-01104-2**

202. Eraf, T., **Mukhtar, T.,** Irshad, G., Asad, J., Raja, M.U., Ali, S.Z., Mehmood, A., Haider, K.Z., **2025.** Utilization of biochar and biocontrol agents for the effective management of seed-borne pathogens in mung bean. **Pakistan Journal of Phytopathology, 37(02), 147-154.**

201. Jamil, Z., **Mukhtar, T.,** Raja, M.U., Shahbaz, M., Seelan, J.S.S., Tatar, M., Ali, A., Fatima, N., Bejaoui, R., Usanmaz Bozhüyük, A., **2025.** Utilization of phytogenic silver nanoparticles and bacterial agents for the management of citrus canker disease. **Turkish Journal of Agriculture and Forestry 49, 998-1008.**

200. Khan, M.T.A., **Mukhtar, T.,** Irshad, G., Asad, M.J. **2025.** Assessment of root-knot nematodes (*Meloidogyne* spp.) associated with grapevines in the Pothohar Region of Punjab, Pakistan. **Interntional Journal of Phytopathology, 14(02), 91-103. DOI: 10.33687/phytopath.014.02.5810.**

199. Arshad, Z., Irshad, G., Kousar, S., **Mukhtar, T.,** Nisa, S.U., Mehmood, A., Ali, S.Z., Haider, K.Z., Din, R.U., **2025.** Convolutional neural network approach for early detection of green mold disease in button mushroom (*Agaricus bisporus*). **Planta Animalia, 4(4), .313-323.**

198. Khan, M.T.A., Desaeger, J., **Mukhtar, T., 2025**. Evaluation of drench application of NMG-787, 450SC for root-knot nematode control in Celosia flower in greenhouse. **Journal of Veterinary, Food and Agricultural Insights, 2(1), 29-35.**

197. Mukhtar, T., 2025. Plant immunity and resistance mechanisms: an editorial. **Physiological and Molecular Plant Pathology 140 (2025) 102903. https://doi.org/10.1016/j.pmpp.2025.102903**

196. Khaliq, S., **Mukhtar, T.,** Irshad, G., Tariq, M., Ali, S.Z., Mehmood, A., Kachu Z. Haider, Rahim U. Din, Md Arshad Ali, Khim P. Chong. 2025. Standardization of spawn and substrate formulations for *Morchella* mushroom cultivation. **Pakistan Journal of Phytopathology, 37(1), 81-87**.

195. Hussain, T., Bibi, A., Ali, Q., Aslam, A., **Mukhtar, T**., Akhtar, M.F., bin Iqbal, M.B., Malik, M.K., 2025. Assessment of aphid infestation and parasitoid populations in response to two wheat cultivars in Rawalpindi, Pakistan. **Journal of Agricultural Research (JAR) 63(1), 59-65. DOI: https://doi.org/10.58475/2025.63.1.239**

194. Azeem, W., **Mukhtar, T.,** Haq, M.I., Khan, M.A., Ibrahim, M.S., Hassan, A., Regmi, H., Duncan, L.W., **2025.** The nematicidal potential of *Moringa oleifera* extracts and rhizobacteria against *Meloidogyne incognita* in tomato. **Frontiers in Plant Science 16, 1562074. https://doi.org/10.3389/fpls.2025.1562074**

193. Tariq-Khan, M., Rehman, T.U., **Mukhtar, T.,** Mahmood, M., Rahman, A.U., Ahmed, R**., 2025.** Population dynamics and virulence patterns of root-knot nematodes (Meloidogyne spp.) on tomato in Poonch Highlands, Azad Jammu and Kashmir, Pakistan. **Journal of Phytopathology 173, e70060. https://doi.org/10.1111/jph.70060**

192. Aslam, M.N., Khaliq, H., Zhao, H., Moosa, A., Maqsood, A., Farooqi, M.A., Bilal, M.S., Mahmood, T., **Mukhtar, T. 2025**. Thymol as a novel plant-derived antibacterial agent for suppressing *Xanthomonas* citri pv. malvacearum in cotton. **Current Microbiology, Article No: 4077, https://doi.org/10.1007/s00284-025-04077-5**

191. Yaseen, I., **Mukhtar. T**., Mubarik, A., Arshad, B., Sahu, N., Somaddar, U., **2025.** Management of *Ralstonia solanacearum-Meloidogyne incognita* complex with *Trichoderma harzianum* in tomato. **Bragantia, 84, e20240060. https://doi.org/10.1590/1678-4499.20240060**

190. Gondal, M.S., **Mukhtar, T.,** Irshad, G., Khanum, T.A., **2024**. Efficacy of entomopathogenic nematode (*Steinernema pakistanense*) in suppressing root-knot nematode (*Meloidogyne incognita*) on tomato. **International Journal of Phytopathology 13(3), 219-232. DOI: 10.33687/phytopath.013.03.5382**

189. Ahmad, A., **Mukhtar, T.,** Afzal, A., Gulzar, A., Abbas, G., Batool, A., **2024**. Assessment of wheat genotypes for resistance and susceptibility to stripe rust. **Pakistan Journal of Phytopathology 36(02), 479-488. DOI: 10.33866/phytopathol.036.02.1180**

188. Mushtaq, S., **Mukhtar, T**., Afzal, A., Naz, F. and Khan, M.A., 2024. Systematic evaluation of groundnut genotypes for resistance to *Cercospora* leaf spot disease. **International Journal of Phytopathology, 13(2), 181-189.**

187. Yaseen, I., Choi, S., **Mukhtar, T.,** Jong-In Park, J., Hoy-Taek Kim, H.T., **2024.** Quantification of growth and physiological characteristics in tolerant and sensitive watermelon lines under cold treatment. **Horticulture, Environment, and Biotechnology. https://doi.org/10.1007/s13580-024-00663-x**

186. Saeed, M., **Mukhtar, T., 2024.** Root-knot nematodes (*Meloidogyne* spp.) infecting peach (*Prunus persica* L.) in the Pothwar region of Pakistan. **Journal of Agricultural Science and Technology 26(4), 897-908.**

185. Yaseen, I., **Mukhtar, T., 2024.** Impact of sequential and concurrent inoculations of *Meloidogyne incognita* and *Fusarium oxysporum* f.sp. *vasinfectum* on the growth performance of diverse okra cultivars. **Plant Protection 8(2), 303-313.**

184. Aziz, S., Jamshed, S.A., **Mukhtar, T.,** Irshad, G., Ijaz, S.S. and Raja, M.U. **2024.** Evaluation of *Bacillus* spp. as biocontrol agents against chili leaf spot caused by *Xanthomonas vesicatoria*. **Journal of Plant Diseases and Protection, 131:987–997 https://doi.org/10.1007/s41348-024-00866-5**

183. Yaseen, I., **Mukhtar, T.,** Kim, H.-T. and Arshad, B. **2024.** Interactive effects of *Meloidogyne incognita* and *Fusarium oxysporum* f.sp. *vasinfectum* on okra cultivars. **Bragantia, 83, e20230266. https://doi.org/10.1590/1678-**

4499.20230266

182. Mukhtar, T., Saeed, M., **2024**. Wheat seed gall nematode: the global scenario. In: Walia, R.K., Khan, M.R. (Eds.), Nematode problems in crops and their management in South Asia. Cambridge Scholars Publishing, Lady Stephenson Library, Newcastle upon Tyne, NE6 2PA, UK, pp. **182-197**. Book Chapter.

181. Afzal, A. and **Mukhtar, T. 2024.** Revolutionizing nematode management to achieve global food security goals-An overview. **Heliyon 10, e25325. https://doi.org/10.1016/j.heliyon.2024.e25325**

180. Aslam, M.N. and **Mukhtar T. 2024.** Evaluation of virulence among Pakistani isolates of *Ralstonia solanacearum* inducing bacterial wilt in chilies across different agro-ecological zones. **Bragantia, 83, e20230181. https://doi.org/10.1590/1678-4499.20230181.**

179. Haq, M.A., Mukhtar, T., Shah, M.T., Shahid, M., Niaz, M.Z., Mahmood, K., Yasin, M.U., Bashir, W., Safdar, H., Mahmood, A., 2023. Protective and curative influence of plant growth promoting rhizobacteria on the development of *M. incognita* juveniles. Journal of Agriculture and Veterinary Science, 2(2), 115-129. **https://doi.org/10.55627/Javs.02.2.0353**

178. Yaseen, I., **Mukhtar, T.,** Kim, H.T. and Arshad, B. **2023**. Quantification of resistance to *Melidogyne incognita* in okra cultivars using linear and nonlinear analyses of growth parameters and nematode infestations. **Bragantia, 82, e20230114, https://doi.org/10.1590/1678-4499.20230114.**

177. Saeed, M., **Mukhtar, T.**, Ahmed, R., Ahmad. T., Iqbal, M.A. **2023.** Suppression of *Meloidogyne javanica* infection in peach (*Prunus persica* (L.) Batsch) using fungal biocontrol agents. **Sustainability, 15(18), 13833. https://doi.org/10.3390/su151813833**

176. Jamshed, S.A., Aziz, S., **Mukhtar, T.**, Mehmood, R., Muhammad Usman Raja, M.U. **2023**. Susceptibility of chilli selected cultivars to foliar and seed infecting bacteria. **World Journal of Biology and Biotechnology, 8(1): 39-42.**

175. Bibi, G., Nayyar, B.G., Ajmal, M., Mehak, A., Seerat W., Shahbaz, M., **Mukhtar, T**., Akram, A. 2023): Effect of culture filtrates of *Alternaria alternata* on seed germination and seedling growth of sesame. **Archives of Phytopathology and Plant Protection, 56(8), 625-635DOI: 10.1080/03235408.2023.2212417**

174. Aslam, M.N., **Mukhtar, T. 2023**. Characterization of *Ralstonia solanacearum* causing bacterial wilt from major chili growing areas of Pakistan. **Bragantia, 82, e20230001. https://doi.org/10.1590/1678-4499.20230001**

173. Mehak, A., Ajmal, M., Shahbaz, M., Nayyar, B.G., Seerat, W., Fatima, N., Akram, A., **Mukhtar, T., 2023.** Antifungal and antibacterial activity of oilseed cakes against soil-borne phytopathogens. **Pure and Applied Biology. 12 (2): 1084-1092. http://dx.doi.org/10.19045/bspab.2023.120111**

172. Aslam, M.N., **Mukhtar, T. 2023**. Distributional spectrum of bacterial wilt of chili incited by *Ralstonia solanacearum* in Pakistan. **Bragantia, 82, e20220196. https://doi.org/10.1590/1678-4499-2022-0196**

171. Shahbaz, M., Akram, A., Raja, N.I., **Mukhtar, T.,** Mehak, A., Fatima, N., Ajmal, M., Ali, K., Mustafa, N., Abasi, F. **2023.** Antifungal activity of green synthesized selenium nanoparticles and their effect on physiological, biochemical, and antioxidant defense system of mango under mango malformation disease. **PLoS**

ONE 18(2): e0274679. https://doi.org/10.1371/journal.pone.0274679

170. Zeeshan, M., **Mukhtar, T.,** Haq, M.I., Asad, M.J. **2023.** Incidence, characterization and pathogenic variability of Fusarium oxysporum in the Punjab province of Pakistan. International Journal of Phytopathology, **12(1): 1-11. DOI: 10.33687/phytopath.012.01.4464**

169. Mukhtar, T., Vagelas, I., Javaid, A. **2023**. Editorial: New trends in integrated plant disease management. **Frontiers in Agronomy. 4:1104122. doi: 10.3389/fagro.2022.11041221**

168. Azeem, W., **Mukhtar, T.,** Inam-Ul-Haq, M., Khan, M.A., Hamid, T., Regmi, H., Duncan, L.W. **2022**. Evaluation of Nematocidal Potential of *Azadirachta Indica* and *Cannabis Sativa* in the Management of *Meloidogyne Incognita* in Tomato. **Journal of Nematology, 4I (1): 8-8.**

167. Saba, S., **Mukhtar, T.,** Haq, M.I., Malik, S.I. **2022**. Occurrence of damping off of chili caused by *Pythium* spp. in the Pothwar region of Pakistan. **International Journal of Phytopathology, 11 (2): 125-234. DOI: 10.33687/phytopath.011.02.4258**

166. Seerat, W., Akram, A., Qureshi, R., Yaseen, G., **Mukhtar, T.,** Hanif N.Q. **2022**. Light and scanning electron microscopic characterization of aflatoxins producing *Aspergillus flavus* in the maize crop. **Microscopy Research and Technique. https://doi.org/10.1002/jemt.24139 (IF= 2.769).**

165. Haq, M.A., **T. Mukhtar**, M. I. Haq, A. Khalid. **2022**. Reproduction of root-knot nematode, *Meloidogyne incognita*, on *Solanum melongena* genotypes determines their host status. **Pakistan Journal of Zoology, 54 (5): 2097-2103. DOI: https://dx.doi.org/10.17582/journal.pjz/20200430140411**

164. Shahbaz, M., Akram, A., Raja, N.I., **Mukhtar, T.**, Mashwani, Z.R., Mehak, A., Fatima, N., Sarwar, S., Haq, E.U., Yousaf, T. **2022**. Green synthesis and characterization of selenium nanoparticles and its application in plant disease management: a review. **Pakistan Journal of Phytopathology, 34 (01): 189-202. DOI: 10.33866/phytopathol.034.01.0739**

163. Muhammad, W., Ammar, M., **Mukhtar, T.,** Hamza, A.M. **2022.** Comparative efficacy of some new chemistry foliar insecticides against cotton whitefly, *Bemisia tabaci* (Hemiptera: Aleyrodidae). **Asian Journal of Agriculture and Biology, DOI: 10.35495/ajab.2021.02.075**

162. Fatima, M., Gulzar, A., Ahmed, M., Shaheen, F.A., Tariq, M**., Mukhtar, T. 2022.** Effect of workers density on insect pest incidence and colony development of bumblebees, *Bombus terrestris* (L.) (Hymenoptera: Apidae). **Philippine Agricultural Scientist, 105 (1): 85-91. (IF = 0.250).**

161. Jabbar, A., M. Tariq, A. Gulzar, **T. Mukhtar**, T. Zainab. **2022**. Lethal and sub lethal effects of plant extracts and green silver nanoparticles against *Culex pipiens* mosquitoes. **Pakistan Journal of Zoology, 54(3): 1259-1267. DOI: https://dx.doi.org/10.17582/journal.pjz/20191226161232**

160. Fateh, F.S., **Mukhtar, T.,** Mehmood, A., Ullah, S., Kazmi, M.R. **2022.** Occurrence and prevalence of mango decline in the Punjab province of Pakistan. **Plant Protection, 6 (1): 11-18.**

159. Nisa, T, M.I. Haq, **T. Mukhtar**, M.A.Khan and G. Irshad. **2022**. Incidence and severity of common scab of potato caused by *Streptomyces scabies* in Punjab,

Pakistan. **Pakistan Journal of Botany, 54(2)**: 723-729. DOI: http://dx.doi.org/10.30848/PJB2022-2(36)

158. Shehzad, M., M. Tariq, Q. Ali, A. Aslam, **T. Mukhtar**, M.F. Akhtar, A. Gulzar and M. Faisal. **2022**. Evaluation of insecticidal activity of *Beauveria bassiana* against different instar larvae of *Plutella xylostella* by using two different methods of application. **International Journal of Tropical Insect Science**, **42:1471–1476 https://doi.org/10.1007/s42690-021-00665-7 (IF = 0.774).**

157. Saeed, M., **T. Mukhtar**, M.I. Haq, M.A. Khan. **2021**. Assessment of nematicidal potential of *Cannabis sativa* and *Azadirachta indica* in the management of root-knot nematode (*Meloidogyne javanica*) on peach. **Pakistan Journal of Agricultural Sciences, 58(5): 1555-1561**. **DOI:10.21162/PAKJAS/21.1282**

156. Khan, H.S., M. Tariq, **T. Mukhtar**, A. Gulzar. **2021**. Insecticidal toxicity of plant extracts and green silver nanoparticles against *Aedes albopictus*. **Pakistan Journal of Zoology, 53(6): 2123-2128. DOI: https://dx.doi.org/10.17582/journal.pjz/20191214051208**

155. Mubashar, S., **T. Mukhtar** and N.A. Khan. **2021**. Coronavirus disease (COVID-19) with special reference to Pakistan: a review on its different aspects. **Pakistan Journal of Zoology, 53(5): 1947-1959. DOI: https://dx.doi.org/10.17582/journal.pjz/20201004161050**

154. Ajmal, M., Akram, A., Hanif N.Q., **Mukhtar, T**., Arshad, M. **2021**. Mycobiota isolation and aflatoxin B1 contamination in fresh and stored sesame seeds from rainfed and irrigated zones of Punjab, Pakistan. **Journal of Food Protection, 84 (10): 1673-1682. doi: 10.4315/JFP-21-060**

153. Muhammad, W., H. Javed, M. Ahmad, **T. Mukhtar. 2021.** Economical impact of some selected cultural practices on population build-up of *Leucinodes orbonalis* in brinjal crop. **Fresenius Environmental Bulletin, 30(06B): 7346-7354. [Impact factor = 0.79].**

152. Shehzad, M., Tariq, M., **Mukhtar, T.,** Gulzar, A. **2021**. On the virulence of the entomopathogenic fungi, *Beauveria bassiana* and *Metarhizium anisopliae* (Ascomycota: Hypocreales), against the diamondback moth, *Plutella xylostella* (L.) (Lepidoptera: Plutellidae). **Egyptian Journal of Biological Pest Control, 31(1), 86**

151. Ahmed, M.H., Ashfaq, M., **Mukhtar, T.,** Khan, M.A. **2021.** Categorization of available cucumber genotypes against Zucchini yellow mosaic virus and root-knot nematode (*Meloidogyne incognita*). **International Journal of Agriculture & Biology, 25 (5): 955–961. [Impact factor = 0.79]. DOI: 10.17957/IJAB/15.1751**

150. Muhammad, W., H. Javed, M. Ahmad, **T. Mukhtar. 2021.** Optimizing transplanting dates for the management of brinjal shoot and fruit borer and better crop yield under field conditions. **Pakistan Journal of Zoology, 53(3): 967-973. DOI: https://dx.doi.org/10.17582/journal.pjz/20200103180112**

149. Mukhtar, T., Tariq-Khan, M. and Aslam, M.N. **2021**. Bioefficacy of *Trichoderma* Species against Javanese Root-Knot Nematode, *Meloidogyne javanica* in Green Gram. **Gesunde Pflanzen, 73(3): 265–272. 10.1007/s10343-021-00544-8**

148. Azeem, W., **T. Mukhtar** and Hamid, T. **2021**. Evaluation of *Trichoderma harzianum* and *Azadirachta indica* in the management of *Meloidogyne incognita* in Tomato. **Pakistan Journal of Zoology, 53(1): 119-125. [Impact factor = 0.79]. DOI: https://dx.doi.org/10.17582/journal.pjz/20190905100940**

147. Ahsan, M., Ashfaq, M., **Mukhtar, T.** and Abbasi, N.A. **2020.** Current status and genetic variability of cucumber mosaic cucumovirus (cmv) isolates infecting major cucurbits and solanaceous vegetables in Pothwar region of Pakistan. **Pakistan Journal Agricultural Sciences, 57(5): 1353-1361.**

146. Asghar, A., **T. Mukhtar**, M.U. Raja, and A. Gulzar. **2020**. Interaction between *Meloidogyne javanica* and *Ralstonia solanacearum* in chili. **Pakistan Journal of Zoology, 52(4): 1525-1530.**
DOI: https://dx.doi.org/10.17582/journal.pjz/20190501030529 [Impact factor = 0.79].

145. Iqbal, U. and **T. Mukhtar. 2020.** Evaluation of biocontrol potential of seven indigenous *Trichoderma* species against charcoal rot causing fungus, *Macrophomina phaseolina*. **Gesunde Pflanzen, 72(2): 195–202. DOI: 10.1007/s10343-020-00501-x [Impact factor = 0.789].**

144. Mukhtar, T. and M.Z. Kayani. **2020.** Comparison of the damaging effects of *Meloidogyne incognita* on a resistant and susceptible cultivar of cucumber. **Bragantia, 79(1): 83-93. https://doi.org/10.1590/1678-4499.20190359 [Impact factor = 1.058].**

143. Gulzar, A., **T. Mukhtar** and D.J. Wright. **2020.** Effects of entomopathogenic nematodes *Steinernema carpocapsae* and *Heterorhabditis bacteriophora* on the fitness of a Vip3A resistant subpopulation of *Heliothis virescens* (Noctuidae: Lepidoptera). **Bragantia, 79(2): 281-292. https://doi.org/10.1590/1678-4499.20190501 [Impact factor = 1.058].**

142. Tariq-Khan, M., **T. Mukhtar**, A. Munir, J. Hallmann, H. Heuer. **2020**. Comprehensive report on the prevalence of root-knot nematodes in the Poonch division of Azad Jammu and Kashmir, Pakistan. **Journal of Phytopathology, 168: 322–336. DOI: 10.1111/jph.12895 [Impact factor = 1.097].**

141. Iqbal, U. and **T. Mukhtar. 2020.** Inhibitory effects of some fungicides against *Macrophomina phaseolina* causing charcoal rot. **Pakistan Journal of Zoology, 52(2): 709-715. DOI: https://dx.doi.org/10.17582/journal.pjz/20181228101230. [Impact factor = 0.79].**

140. Ahsan, M., M. Ashfaq, **T. Mukhtar**, N.A. Abbasi, Z. Asad. **2020.** First report of cucurbit aphid borne yellows virus (CABYV) infecting melon in Pakistan. **Journal of Plant Pathology, 102(2): 563–564. https://doi.org/10.1007/s42161-019-00450-z. [Impact factor = 0.818].**

139. Javed, K., H. Javed, **T. Mukhtar** and D. Qiu. **2019**. Pathogenicity of some entomopathogenic fungal strains to green peach aphid, *Myzus persicae* Sulzer (Homoptera: Aphididae). **Egyptian Journal of Biological Pest Control, 29: https://doi.org/10.1186/s41938-019-0183-z. [Impact factor = 0.381].**

138. Fakhar-ud-Din, **T. Mukhtar. 2019.**Morphological characterization of Ganoderma species from Murree hills of Pakistan. **Plant Protection, 3(2): 73-84. DOI: 10.33804/pp.003.02.0128.**

137. Saeed, M., **T. Mukhtar** and M.A. Rehman. **2019**. Temporal fluctuations in the population of citrus nematode (*Tylenchulus semipenetrans*) in the Pothowar region of Pakistan. **Pakistan Journal of Zoology, 51(6): 2257-2263.**
DOI: http://dx.doi.org/10.17582/journal.pjz/2019.51.6.2257.2263. [Impact factor = 0.79].

136. Khan, M.T.A., **T. Mukhtar** and M. Saeed. **2019.** Resistance or susceptibility of eight aubergine cultivars to *Meloidogyne javanica.* **Pakistan Journal of Zoology, 51(6): 2187-2192.DOI: http://dx.doi.org/10.17582/journal.pjz/2019.51.6.2187.2192. [Impact factor = 0.79].**

135. Asad, Z., M. Ashfaq, **T. Mukhtar** and M. Tariq. **2019.** Incidence and distribution of *Zucchini yellow mosaic virus* (ZYMV) infecting Cucumber (*Cucumis sativus* L) crop in Pothowar, Pakistan. **Pure and Applied Biology. 8(3): 2036-2043. http://dx.doi.org/10.19045/bspab.2019.80148 [HEC recognized in Y category)].**

134. Nazir, K., **T. Mukhtar** and H. Javed. **2019.** *In vitro* effectiveness of silver nanoparticles against root-knot nematode (*Meloidogyne incognita*). **Pakistan Journal of Zoology, 51(6): 2077-2083, 2019.**
DOI: http://dx.doi.org/10.17582/journal.pjz/2019.51.6.2077.2083. **[Impact factor = 0.79].**

133. Mukhtar, T. and M.A. Hussain**.2019.** Pathogenic potential of Javanese root-knot nematode on susceptible and resistant okra cultivars. **Pakistan Journal of Zoology, 51(5):1891-1897**.
DOI**: http://dx.doi.org/10.17582/journal.pjz/2019.51.5.1891.1897. [Impact factor = 0.79].**

132. Mukhtar, T. and M.Z. Kayani. **2019.** Growth and yield responses of fifteen cucumber cultivars to root-knot nematode (*Meloidogyne incognita*). **Acta Scientiarum Polonorum Hortorum Cultus. 18(3) 2019, 45–52.**
DOI: 10.24326/asphc.2019.3.5. [Impact factor = 0.443].

131. Javed, K., H. Javed, **T. Mukhtar** and D. Qiu. **2019**. Efficacy of *Beauveria bassiana* and *Verticillium lecanii* for the management of whitefly and aphid. **Pakistan Journal of Agricultural Sciences, 56(3): 669-674.**
DOI: 10.21162/PAKJAS/19.8396. [Impact factor = 0.618].

130. Hussain, M.A. and **T. Mukhtar**. **2019**. Root-knot nematodes infecting okra in major vegetable growing districts of Punjab, Pakistan. **Pakistan Journal of Zoology, 51(3): 1137-1143.**
DOI: http://dx.doi.org/10.17582/journal.pjz/2019.51.3.1137.1143. [Impact factor = 0.79].

129. Aslam, M.A., K. Javed, H. Javed, **T. Mukhtar** and M.S. Bashir. **2019**. Infestation of *Helicoverpa armigera* Hübner (Noctuidae: Lepidoptera) on soybean cultivars in Pothwar region and relationship with physico-morphic characters. **Pakistan Journal of Agricultural Sciences, 56(2): 401-405.**
DOI: 10.21162/PAKJAS/19.6979. [Impact factor = 0.618].

128. Kassi, A.K., H. Javed and **T. Mukhtar. 2019.** Relationship of physico-morphic characters of okra cultivars with their resistance to *Helicoverpa armigera*. **Pakistan Journal of Zoology. 51(3): 835-841.**
DOI: http://dx.doi.org/10.17582/journal.pjz/2019.51.3.835.841. [Impact factor = 0.79].

127. Hadri, S.H., M.J. Asad, M.Z. Hyder, S.M.S. Naqvi, **T. Mukhtar**, M. Zafar, S.H. Shah, R.T. Mehmood, J.H. David Wu. **2019.** Characterization of a novel thermophilic endopolygalacturonase produced by *Bacillus licheniformis*IEB-8. **BioResources. 14(2): 2873-2884. [Impact factor = 1.396].**

126. Rahoo, A.M., **T. Mukhtar**, B.A. Bhugio and R.K. Rahoo. **2019.** Comparison of infectivity and productivity of *Steinernema feltiae* and *Heterorhabditis bacteriophora* in *Galleria mellonella* and *Tenebrio molitor*. **Pakistan Journal of Zoology, 51(2): 717-724.**
DOI: http://dx.doi.org/10.17582/journal.pjz/2019.51.2.717.724. **[Impact factor = 0.79].**

125. Kassi, A.K., H. Javed and **T.Mukhtar. 2019.** Screening of different aubergine cultivars against infestation of brinjal fruit and shoot borer (*Leucinodes orbonalis* Guenee). **Pakistan Journal of Zoology.51(2): 603-609.**
DOI: http://dx.doi.org/10.17582/journal.pjz/2019.51.2.603.609. **[Impact factor = 0.79].**

124. Rahoo, A.M., **T. Mukhtar**, B.A. Bughio and R.K. Rahoo. **2019**. Relationship between the size of *Galleria mellonella* larvae and the production of *Steinernema feltiae* and *Heterorhabditis bacteriophora*. **Pakistan Journal of Zoology. 51(1): 79-84.**
DOI: http://dx.doi.org/10.17582/journal.pjz/2019.51.1.79.84. [Impact factor = 0.79].

123. Aslam, M.N., **T. Mukhtar**, M. Jamil and M. Nafees. **2019.** Analysis of aubergine germplasm for resistance sources to bacterial wilt incited by *Ralstonia solanacearum.* **Pakistan Journal of Agricultural Sciences. 56(1):119-122.**
DOI:10.21162/PAKJAS/18.6082. [Impact factor = 0.618].

122. Raja, M.U., **T. Mukhtar**, F.A. Shaheen, I. Bodlah, A. Jamal, B. Fatima, M. Ismail, I. Shah. **2018.** Climate change and its impact on plant health: a Pakistan's prospective. **Plant Protection, 2(2): 51-56.**

121. Hadri, S.H., M.J. Asad, M.Z. Hyder, S.M.S. Naqvi, **T. Mukhtar**, R.T. Mahmood, J.H. David Wu. **2018.** Response surface methodology for the production of endopolygalacturonase by a novel *Bacillus licheniformis*. **Advancements in Life Sciences. 5(4): 204-210.**

120. Iftikhar, A., M.A. Aziz, M. Naeem, M. Ahmad and **T. Mukhtar. 2018.** Effect of temperature on demography and predation rate of *Menochilus sexmaculatus* (Coleoptera: Coccinellidae) reared on *Phenacoccus solenopsis* (Hemiptera: Pseudococcidae). **Pakistan Journal of Zoology. 50(5): 1885-1893.**
DOI: **http://dx.doi.org/10.17582/journal.pjz/2018.50.5.1885.1893. [Impact factor = 0.79].**

119. Kayani, M.Z. and **T. Mukhtar. 2018.** Reproductivity of *Meloidogyne incognita* on fifteen cucumber cultivars. **Pakistan Journal of Zoology. 50(5): 1717-1722.**
DOI: http://dx.doi.org/10.17582/journal.pjz/2018.50.5.1717.1722. [Impact factor = 0.79].

118. Mukhtar, T. 2018. Management of root-knot nematode, *Meloidogyne incognita*, in tomato with two *Trichoderma* species. **Pakistan Journal of Zoology. 50(4):1589-1592. DOI: http://dx.doi.org/10.17582/journal.pjz/2018.50.4.sc15.[Impact factor = 0.79].**

117. Riaz, T., M. Ashfaq, A.H. Malik, **T. Mukhtar** and I.A. Hafiz. **2018.** An insight into genetic variability and host response of Pakistani isolate of Chilli veinal mottle virus (ChiVMV) infecting chilli pepper. **International Journal of Biosciences. 12 (4): 302-312.**

116. Shahjahan, M., M. Inam-ul- Haq, **T. Mukhtar** and A. Khalid. **2018**. Biochar as a carrier of antagonistic rhizobacteria suppressing *Macrophomina phaseolina*. **Transylvanian Review, XXVI (28):7469-7476.**

115. Mukhtar, T., A. Jabbar, M.U. Raja, H. Javed. **2018.** Re-emergence of wheat seed gall nematode (*Anguina tritici*) in Punjab, Pakistan. **Pakistan Journal of Zoology, 50(3): 1195-1198. DOI: http://dx.doi.org/10.17582/journal.pjz/2018.50.3.sc4**. **[Impact factor = 0.79].**

114. Rahoo, A.M., **T. Mukhtar**, A.M. Jakhar and R.K. Rahoo. **2018**. Inoculum doses and exposure periods affect recovery of *Steinernema feltiae* and *Heterorhabditis bacteriophora* from *Tenebrio molitor*. **Pakistan Journal of Zoology, 50(3): 983-987.**
DOI: **http://dx.doi.org/10.17582/journal.pjz/2018.50.3.983.987. [Impact factor = 0.79].**

113. Rahoo, A.M., **T. Mukhtar**, S.I. Abro, B.A. Bughio and R.K. Rahoo. **2018**. Comparing the productivity of five entomopathogenic nematodes in *Galleria mellonella*. **Pakistan Journal of Zoology, 50(2): 679-684.**
DOI: http://dx.doi.org/10.17582/journal.pjz/2018.50.2.679.684. [Impact factor = 0.79].

112. Kayani, M.Z., **T. Mukhtar** and M. A. Hussain. **2018**. Interaction between nematode inoculum density and plant age on growth and yield of cucumber and reproduction of *Meloidogyne incognita*. **Pakistan Journal of Zoology, 50(3): 897-902.**
DOI: http://dx.doi.org/10.17582/journal.pjz/2018.50.3.897.902. [Impact factor = 0.79].

111. Nabeel, M., H. Javed and **T. Mukhtar. 2018.** Occurrence of *Chilo partellus* on maize in major maize growing areas of Punjab, Pakistan. **Pakistan Journal of Zoology, 50(1): 317-323**.
DOI: http://dx.doi.org/10.17582/journal.pjz/2018.50.1.317.323. [Impact factor = 0.79].

110. Kassi, A.K., H. Javed and **T. Mukhtar. 2018.** Screening of okra cultivars for resistance against *Helicoverpa armigera*. **Pakistan Journal of Zoology, 50(1): 91-95. DOI: http://dx.doi.org/10.17582/journal.pjz/2018.50.1.91.95. [Impact factor = 0.79].**

109. Jahan, M.S., M. Inam-ul-Haq, T. Mukhtar, and A. Khalid. **2017**. Biochar effect to enhance nodulation and suppress root pathogenic fungi in chickpea. **Mycopath, 15(2): 71-79.**

108. Rehman, F.U., A. Gulzar, M. Ahmad, **T. Mukhtar** and M. Ali. **2017.** Efficacy of new chemistry insecticides against brinjal shoot and fruit borer (*Leucinodes orbonalis* Guenee). **Pakistan Entomologist, 39(2): 33-36. (HEC recognized)**

107. Javed, H., S. S. Hussain, K. Javed, **T. Mukhtar** and N. A. Abbasi**. 2017.** Comparative infestation of brinjal stem borer (*Euzophera perticella*) on six aubergine cultivars and correlation with some morphological characters. **Pakistan Journal of Agricultural Sciences, 54(4): 753-758.**
DOI: 10.21162/PAKJAS/17.6523. [Impact factor = 0.677].

106. Ahmad, A., M. Ashfaq, **T. Mukhtar** and S. I. Malik. **2017**. An insight into recombination in CP gene of tomato infecting Chilli veinal mottle virus isolate from Pakistan. **International Journal of Biosciences, 11 (4): 48-54.**

105. Javed, H. and **T. Mukhtar. 2017.** Population dynamics of diamond back moth (*Plutella xylostella* L.) on five cauliflower cultivars. **Plant Protection, 1(1): 11-16.**

104. Ahmad, A., M. Ashfaq, **T. Mukhtar**, S. I. Malik, I. Anwer, M. Ahsan and T. Riaz.**2017.** Detection of natural infection and reaction of tomato lines to potato virus Yin Pakistan. **International Journal of Biosciences, 11(1): 343-350.**

103. Kassi, A. K., H. Javed, M. Naeem and **T. Mukhtar**. **2017**. Screening of selected genotypes of okra against American bollworm on the basis of shoot infestation. **Journal of Entomology and Zoology Studies, 5(4): 850-852.**

102 Aslam, M. N., **T. Mukhtar,** M. Ashfaq, M. A. Hussain. **2017**. Evaluation of chili germplasm for resistance to bacterial wilt caused by *Ralstonia solanacearum*. **Australasian Plant Pathology, 46(3): 289-292.DOI: 10.1007/s13313-017-0491-2. [Impact factor = 1.007].**

101. Mahmood, R.T., M.J. Asad, M. Asgher, M. Gulfraz and **T. Mukhtar. 2017**. Analysis of lingolytic enzymes and decolorization of disperse violet S3rl, yellow brown S2rfl, red W4bs, yellow srlp and red S3b by brown rot fungi. **Pakistan Journal of Agricultural Sciences, 54(2): 407-413. [Impact factor = 0.677].**

100. Aslam, M.N., **T. Mukhtar,** M. A. Hussain and M. Raheel. **2017.** Assessment of resistance to bacterial wilt incited by *Ralstonia solanacearum* in tomato germplasm. **Journal of Plant Diseases and Protection, 124(6): 585-590DOI: 10.1007/s41348-017-0100-1. [Impact factor = 0.622].**

99. Tariq-Khan, M.**,** A**.** Munir, **T. Mukhtar**, J**.** Hallmann and H**.** Heuer**. 2017.** Distribution of root-knot nematode species and their virulence on vegetables in northern temperate agro-ecosystems of the Pakistani-administered territories of Azad Jammu and Kashmir**. Journal of Plant Diseases and Protection**.**124(3): 201-212.DOI: 10.1007/s41348-016-0045-9. [Impact factor = 0.622].**

98. Ashfaq, M., A. Saleem, M. Waqas and **T. Mukhtar. 2017.** Natural occurrence and host range studies of *Cucumber Mosaic Virus* (CMV) infecting ornamental species in Rawalpindi-Islamabad area of Pakistan. **The Philippine Agricultural Scientist**. **100 (1): 55-61. [Impact factor = 0.298].**

97. Khan, A. R., N. Javed, S. T. Sahi, **T. Mukhtar**, S. A. Khan, and W. Ashraf. **2017**. *Glomus mosseae* (Gerd& Trappe) and neemex reduce invasion and development of *Meloidogyne incognita*. **Pakistan Journal of Zoology, 49 (3): 841-847. [Impact factor = 0.547].**

96. Fateh, F. S., **T. Mukhtar**, M. R. Kazmi, N. A. Abbassi and A. M. Arif. **2017**. Prevalence of citrus decline in district Sargodha. **Pakistan Journal of Agricultural Sciences. 54 (1): 9-13. [Impact factor = 0.677].**

95. Javed, H., T**. Mukhtar,** K. Javed and Ata ul Mohsin. **2017**. Management of eggplant shoot and fruit borer (*Leucinodes orbonalis* guenee) by integrating different non-chemical approaches. **Pakistan Journal of Agricultural Sciences**. **54 (1): 65-70. [Impact factor = 0.677].**

94. Mukhtar, T., M. A. Hussain and M. Z. Kayani. **2017**. Yield responses of twelve okra cultivars to southern root-knot nematode (*Meloidogyne incognita*). **Bragantia. 76(1): 108-112. [Impact factor = 1.008].**

93. Rahoo, A. M., **T. Mukhtar**, S. R. Gowen, R. K. Rahoo and S. I. Abro. **2017**. Reproductive potential and host searching ability of entomopathogenic nematode, *Steinernema feltiae*.**Pakistan Journal of Zoology,49(1): 229-234. [Impact factor**

= 0.547].

92. Rahoo, A. M., **T. Mukhtar**, B. A. Bughio, S. R. Gowen and R. K. Rahoo. **2017**. Infection of *Galleria mellonella* larvae by *Steinernema affine* and production of infective juveniles. **Pakistan Journal of Nematology, 35(1): 65-71.**

91. Kayani, M. Z., **T. Mukhtar** and M. A. Hussain. **2017**. Effects of southern root knot nematode population densities and plant age on growth and yield parameters of cucumber. **Crop Protection, 92: 207-212. [Impact factor = 1.92].**

90. Mukhtar, T., M. Arooj, M. Ashfaq, A. Gulzar. **2017.** Resistance evaluation and host status of selected green gram genotypes against *Meloidogyne incognita*. **Crop Protection, 92: 198-202. [Impact factor = 1.92].**

89. Riaz, H., M. Ashfaq, **T. Mukhtar,** M. K. N. Shah and S. I. Malik. **2016.** Incidence and distribution of begomoviruses from pothwar region of Pakistan. **Journal of Biodiversity and Environmental Sciences. 9 (5): 11-16.**

88. Hussain, M. A., **T. Mukhtar** and M. Z. Kayani. **2016**. Reproduction of *Meloidogyne incognita* on resistant and susceptible okra cultivars. **Pakistan Journal of Agricultural Sciences**. **53(2): 371-375. [Impact factor = 0.609].**

87. Butt, H., **T. Mukhtar** and M. Batool. **2016**. *Spilocaea pyracanthae* causing leaf scab on loquat in Pakistan. **Bragantia, Campinas, 75 (1): 76-78.[Impact factor = 0.709].**

86. Rahoo, A. M., **T. Mukhtar**, S. I. Abro, S. R. Gowen and B. A. Bughio. **2016**. Effect of temperature on emergence of *Steinernema feltiae* from infected *Galleria mellonella* cadavers under moist and dry conditions. **Pakistan Journal of Nematology, 34 (2): 171-176.**

85. Shahjahan, M., M. I. Haq, **T. Mukhtar** and A. Khalid. **2016**. Incidence of major fungal root diseases of chickpea in Layyah and Bhakkar districts of Punjab, Pakistan. **Pakistan Journal of Phytopathology, 28 (1): 75-79.**

84. Rahoo, A. M., **T. Mukhtar**, S. R. Gowen, B. Pembroke and M. A. Rahu. **2016**. Emergence of *Steinernema feltiae* from infected *Galleria mellonella* cadavers in moist and dry conditions. **Pakistan Journal of Nematology, 34(1): 81-86.**

83. Ashfaq, M., U. Saeed, **T. Mukhtar** and M. I. Haq. **2015**. First Report of Zucchini yellow mosaic virus in Ridge Gourd in Pakistan. **Plant Disease**, **99 (12): 1870.** http://dx.doi.org/10.1094/PDIS-05-15-0553-PDN. **[Impact factor = 3.192].**

82. Riaz, H., M. Ashfaq, **T. Mukhtar** and T. Riaz, **2015**. First report of *Euphorbia yellow leaf curl virus* infecting *Hibiscus syriacus*. **Journal of Plant Pathology**, **97 (Supplement): S67**. [**Impact factor = 1.038].**

81. Shahzaman, S., M. Inam-ul-Haq, **T. Mukhtar** and M. Naeem. **2015**. Isolation, identification of antagonistic rhizobacterial strains obtained from chickpea (*Cicer arietinum* L.) field and their in-vitro evaluation against fungal root pathogens. **Pakistan Journal of Botany**, 47(4): 1553-1558. **[Impact factor = 0.658].**

80. Shahbaz, M. U., **T. Mukhtar,** M. I. Haque and N. Begum**. 2015.** Biochemical and serological characterization of *Ralstonia solanacearum* associated with chilli seeds from Pakistan. **International Journal of Agriculture and Biology, 17 (1): 31-40. [Impact factor = 0.758].**

79. Mehmood, R. T., M. J. Asad, M. Asgher, M. Gulfraz, **T. Mukhtar** and M. Akram. **2015**. Study of disperse dyes biodegradation and lignolytic enzymes production potential of indigenous *Coniophora puteana* IBL-01, a brown rot fungi. **Advances**

in Environmental Biology, 9 (11): 139-150.

78. Butt, H., **T. Mukhtar**, M. Batool, M. N. Aslam, M. Z. Kayani and M. A. Hussain. **2015**. Occurrence of leaf scab caused by *Spilocaea pyracanthae* on loquat (*Eriobotrya japonica*) in the Pothowar region of Pakistan. **Mycopath**,13 (1): 29-32.

77. Hussain, M. A. I. Fatima, **T. Mukhtar**, M. N. Aslam and M. Z. Kayani. **2015**. Effect of inoculum density of root-knot nematode *Meloidogyne incognita* on damage potential in eggplant. **Mycopath**, 13(1): 33-36.

76. Aslam, M. N., **T. Mukhtar**, M. Ashfaq, M. J. Asad and M. A. Hussain. **2015**. Incidence and prevalence of bacterial wilt of chili in Punjab, Pakistan. **Mycopath**, 13(1): 37-41.

75. Batool, M., **T. Mukhtar** and H. Butt. **2014**. First report of *Diplocarpon mespili* on loquat (*Eriobotrya japonica*) in Pakistan. **Österreichische Zeitschriftfür Pilzkunde (Austrian Journal of Mycology), 23: 143-147.**

74. Mukhtar, T., M. A. Hussain, M. Z. Kayani and M. N. Aslam. **2014.** Evaluation of resistance to root-knot nematode (*Meloidogyne incognita*) in okra cultivars. **Crop Protection, 56: 25-30. [Impact factor = 1.539]**

73. Iqbal, U. and **T. Mukhtar, 2014.** Morphological and pathogenic variability among *Macrophomina phaseolina* isolates associated with mungbean (*Vigna radiata* L.) Wilczek from Pakistan. **The Scientific World Journal, 2014, Article ID 950175, 9 pages, http://dx.doi.org/10.1155/2014/950175. [Impact factor = 1.723]**.

72. Nasir, M., S. M. Mughal, **T. Mukhtar**, M. Z. Awan. **2014**. Powdery mildew of mango: a review of ecology, biology, epidemiology and management. **Crop Protection, 64: 19-26. [Impact factor = 1.539]**.

71. Ashfaq, M., M. A. Khan, **T. Mukhtar** and S. T. Sahi. **2014**. Role of mineral metabolism and some physiological factors in resistance against urdbean leaf crinkle virus in blackgram genotypes. **International Journal of Agriculture and Biology, 16 (1): 189-194. [Impact factor = 0.902]**.

70. Mehboob, N., M. J. Asad, M. Asgher, M..Gulfraz, **T. Mukhtar** and R. T. Mahmood**. 2014.** Exploring thermophilic cellulolytic enzyme production potential of *Aspergillus fumigates* by the solid-state fermentation of wheat straw. **Applied Biochemistry and Biotechnology**, **172 (7): 3646-3655. [Impact Factor = 1.893]**

69. Iqbal, U., **T. Mukhtar** and S. M. Iqbal. **2014.** *In vitro* and *in vivo* evaluation of antifungal activities of some antagonistic plants against charcoal rot causing fungus, *Macrophomina phaseolina*. **Pakistan Journal of Agricultural Sciences**, **51 (3): 689-694.[Impact Factor = 1.24].**

68. Ashfaq, M., S. Iqbal, **T. Mukhtar** and H. Shah. **2014.** Screening for resistance to cucumber mosaic cucumovirus in chilli pepper. **Journal of Animal and Plant Sciences**, **24 (3): 791-795. [Impact Factor = 0.638].**

67. Hussain, M. A., **T. Mukhtar,** M. Z. Kayani. **2014.** Characterization of susceptibility and resistance responses to root-knot nematode (*Meloidogyne incognita*) infection in okra germplasm. **Pakistan Journal of Agricultural Sciences**, **51 (2): 319-324. [Impact Factor = 1.24].**

66. Mukhtar, T., M. Z. Kayani and M. A. Hussain. **2013**. Nematicidal activities of *Cannabis sativa* L. and *Zanthoxylum alatum* Roxb. against *Meloidogyne incognita*. **Industrial Crops and Products. 42: 447-453. [Impact factor = 3.208]**.

65. Kayani, M. Z., **T. Mukhtar,** M. A. Hussain, and M. I. Haque. **2013**. Infestation

assessment of root-knot nematodes (*Meloidogyne* spp.) associated with cucumber in the Pothowar region of Pakistan. **Crop Protection**, **47: 49-54. [Impact factor = 1.402]**.

64. Mukhtar, T., M. Z. Kayani and M. A. Hussain. **2013**. Response of selected cucumber cultivars to *Meloidogyne incognita*. **Crop Protection 44: 13-17. [Impact factor = 1.402]**.

63. Mukhtar, T., M. A. Hussain and M. Z. Kayani. **2013.** Biocontrol potential of *Pasteuria penetrans*, *Pochonia chlamydosporia*, *Paecilomyces lilacinus* and *Trichoderma harzianum* against *Meloidogyne incognita* in okra. **Phytopathologia Mediterranea**, **52 (1): 66-76. [Impact factor = 1.398]**.

62. Mukhtar, T., I. Arshad, M. Z. Kayani, M. A. Hussain, S. B. Kayani, A. M. Rahoo and M. Ashfaq. **2013**. Estimation of damage to okra (*Abelmoschus esculentus*) by root-knot disease incited by *Meloidogyne incognita*. **Pakistan Journal of Botany, 45 (3): 1023-1027. [Impact factor = 0.907].**

61. Mahmood-ul-Hassan, Z. Akram, S. Ajmal, **T. Mukhtar**, S. Nasim, G. Shabbir and Y. Zafar. **2013**. Highly efficient *in vitro* root induction in peanut by mechanical stress method. **Journal of Animal and Plant Sciences**, **23 (2): 425-429. [Impact factor = 0.585]**.

60. Zia-Ul-Hussnain S., C. A. Rauf, M. I. Haque, S. Afghan, **T. Mukhtar**, F. Naz, M. K. N. Shah, and A. Shahzad. **2013**. Comparison of DAC-ELISA and Tissue Blot Immunoassay for the Detection of *Acidovorax avenae* subsp. *avenae*, causal agent of Red Stripe of Sugarcane. **Journal of Plant Pathology & Microbiology, 4:172 doi: 10.4172/2157-7471.1000172.**

59. Parveen, N., **T. Mukhtar**, M. F. Abbas and C. A. Rauf. **2013**. Management of root knot nematode with marigold (*Tagetes erecta* L.) and antagonistic fungus (*Paecilomyces lilacinus* (Thom) Samson) in tomato crop. **International Journal of Biology and Biotechnology, 10 (1): 61-66.**

58. Kayani, M. Z., **T. Mukhtar** and M. A. Hussain. **2012**. Evaluation of nematicidal effects of *Cannabis sativa* L. and *Zanthoxylum alatum* Roxb. against root-knot nematodes, *Meloidogyne incognita*. **Crop Protection,39: 52-56. [Impact factor = 1.402]**.

57. Kayani, M. Z., **T. Mukhtar** and M. A. Hussain. **2012**. Association of root-knot nematodes (*Meloidogyne* spp.) with cucumber in the Pothowar region of the Punjab province of Pakistan. **International Journal of Biology and Biotechnology, 9 (1-2): 23-29.**

56. Kayani, M. Z., **T. Mukhtar,** M. A. Hussain, M. I. Haque and R. Perveen. **2012**. Incidence and severity of root-knot nematodes (*Meloidogyne* spp.) in district Rawalpindi. **Pakistan Journal of Phytopathology**. **24 (2): 122-128.**

55. Begum, N., M. I. Haque, **T. Mukhtar**, S. M. Naqvi, J. F. Wang. **2012**. Status of bacterial wilt caused by *Ralstonia solanacearum*in Pakistan. **Pakistan Journal of Phytopathology. 24 (1): 11-20.**

54. Hussain, M. A**., T. Mukhtar,** M. Z. Kayani, M. N. Aslam and M. I. Haque**. 2012.** A survey of okra (*Abelmoschus esculentus*) in the Punjab province of Pakistan for the determination of prevalence, incidence and severity of root-knot disease caused by *Meloidogyne* spp. **Pakistan Journal of Botany, 44 (6): 2071-2075. [Impact factor = 0.907].**

53. Irshad, U., **T. Mukhtar**, M. Ashfaq, M. Z. Kayani, S. B. Kayani, M. Hanif and S. Aslam. **2012**. Pathogenicity of citrus nematode (*Tylenchulus semipenetrans*) on *Citrus jambhiri*. **Journal of Animal and Plant Sciences**, **22 (4): 1014-1018. [Impact factor = 0.585]**.

52. Hussain, M. A., **T. Mukhtar** and M. Z. Kayani. **2011**. Assessment of the damage caused by *Meloidogyne incognita* on okra. **Journal of Animal and Plant Sciences**, **21 (4): 857-861. [Impact factor = 0.585].**

51. Hussain, M. A., **T. Mukhtar** and M. Z. Kayani. **2011.** Efficacy evaluation of *Azadirachta indica*, *Calotropis procera*, *Datura stramonium* and *Tagetes erecta* against root-knot nematodes *Meloidogyne incognita*. **Pakistan Journal of Botany**, **43 (Special Issue): 197-204**. **[Impact factor = 0.907].**

50. Rahoo, A. M., **T. Mukhtar,** S. R. Gowen and B. Pembroke. **2011**. Virulence of entomopathogenic bacteria *Xenorhabdus bovienii* and *Photorhabdus luminescens* against *Galleria mellonell*a l arvae. **Pakistan Journal of Zoology, 43(3): 543-548**. **[Impact factor = 0.338]**

49. Iqbal, U., **T. Mukhtar**, S. M. Iqbal, M. I. Haque and S.R. Malik. **2010**. Host Plant Resistance in Blackgram against Charcoal Rot (*Macrophomina phaseolina* (Tassi) Goid). **Pakistan Journal of Phytopathology, 22 (2): 126-129**.

48. Mukhtar, T., A. Rashid, M. Z. Kayani and M. Ashfaq. **2008**. Interaction of *Azadirachta indica* and *Calotropis procera* leaf extracts with *Verticillium chlamydosporium* in the control of *Meloidogyne javanica*. **International Journal of Nematology, 18: 21-24.**

47. Ashfaq, M., M. A. Khan, S. M. Mughal, N. Javed, **T. Mukhtar** and M. Bashir**. 2007.** Evaluation of urdbean germplasm for resistance against urdbean leaf crinkle virus. **Pakistan Journal of Botany, 39(6): 2103-2111. [Impact factor = 0.290].**

46. Hussain, M. A., **T. Mukhtar**, M. I. Haque and M. Z. Kayani. **2007**. Mycoflora associated with lentil (*Lens esculenta* Moench) seeds from five localities of the Punjab, Pakistan. **Pakistan Journal of Botany, 39 (3): 903-906**. **[Impact factor = 0.290].**

45. Bashir, S., M. I. Haque, **T. Mukhtar**, G. Irshad and M. A. Hussain. **2007.** Pathogenic variation in *pseudomonas syringae* and *Xanthomonas campestris* pv. *sesame* associated with blight of sesame. **Pakistan Journal of Botany, 39(3): 939-943. [Impact factor = 0.290].**

44. Ahmad, R. and **T. Mukhtar**. **2007**. Root invasion of different plant hosts by juveniles of *Meloidogyne* species encumbered with *Pasteuria penetrans* spores. **Pakistan Journal of Nematology, 25 (1): 199-206.**

43. Ahmad, R. and **T. Mukhtar**. **2007**. Investigations on the management of *Meloidogyne javanica* by *Pasteuria penetrans* isolates over three crop cycles of eggplant. **Pakistan Journal of Nematology, 25 (1):157-167.**

42. Iqbal, M. A., **T. Mukhtar** and R. Ahmad. **2007**. Effect of soil types on the movement and infection of citrus nematode, *Tylenchulus semipenetrans*. **Pakistan Journal of Nematology, 25 (1): 69-72.**

41. Mukhtar, T., R. Ahmad, M. Z. Kayani and G. Irshad**. 2007**. Occurrence of citrus nematode (*Tylenchulus semipenetrans*) in Sargodha district. **Pakistan Journal of Phytopathology, 19 (1): 40-43.**

40. Bashir, S., Irfan-ul-Haq, **T. Mukhtar**, G. Irshad, M. Y. Mirza. **2007**. Screening of

sesame cultivars against bacterial leaf spot caused by *Pseudomonas syringae* pv. *sesame*. **Pakistan Journal of Phytopathology 19 (1): 62-68**.

39. Irshad, G., A. R. Bhutta and **T. Mukhtar**. **2007**. Effect of fungi on germination of forest tree and their chemical control. **Pakistan Journal of Phytopathology 19 (1): 69-75**.

38. Khan, A., Irfan-ul-Haq, **T. Mukhtar** and F. Gul. **2007**. Distribution of sclerotial root rot and *Cercospora* leaf spot of sugar beet in NWFP. **Pakistan Journal of Phytopathology 19 (1): 105-109**.

37. Khan, H. U., **T. Mukhtar**, R. Ahmad and M. A. Iqbal. **2006**. Studies on the distribution and control of root-knot nematodes (*Meloidogyne* spp.) in Faisalabad and Lahore divisions, Pakistan. **Pakistan Journal of Nematology, 24 (1): 57-64.**

36. Iqbal, M. A., **T. Mukhtar**, R. Ahmad and H. U. Khan. **2006**. Ecological prevalence of *Tylenchulus semipenetrans* in four districts of the Punjab province, Pakistan. **Pakistan Journal of Nematology, 24 (1): 19-26.**

35. Ashfaq, M., M. A. Khan and **T. Mukhtar. 2006**. Antiviral activity of plant extracts and chemicals against Urdbean Leaf Crinkle Virus (ULCV). **Pakistan Journal of Phytopathology, 18 (2): 148-155.**

34. Iqbal, M. A., **T. Mukhtar**, R. Ahmad and H. U. Khan. **2005**. Relative susceptibility / resistance of citrus rootstocks to citrus nematode (*Tylenchulus semipenetrans*). **Pakistan Journal of Nematology, 23 (2): 311-315.**

33. Hussain, R., **T. Mukhtar** and R. Ahmad. **2005**. Screening of some selected sunflower cultivars against root-knot nematode (*Meloidogyne incognita*) and its chemical control. **Pakistan Journal of Nematology, 23 (2): 251-257**.

32. Mukhtar, T., I. Pervaz, R. Ahmad and H. U. Khan. **2005**. Management of *Meloidogyne javanica* by cropping sequence and effects on *Pasteuria penetrans*. **Pakistan Journal of Nematology, 23 (1): 173-180**.

31. Khan, H. U., **T. Mukhtar** and R. Ahmad. **2005**. Geographical distribution of root-knot nematodes (*Meloidogyn*e spp) in the Punjab province of Pakistan. **Pakistan Journal of Nematology, 23 (1): 133-140.**

30. Iqbal, M. A., **T. Mukhtar** and R. Ahmad. **2005**. Potentiality of some plants to control Citrus nematode (*Tylenchulus semipenetrans*). **Pakistan Journal of Phytopathology, 17 (1): 36-42.**

29. Khan, H. U., **T. Mukhtar**, R. Ahmad and M. A. Iqbal. **2005**. Estimation of optimum dose and effectiveness of *Paecilomyces lilacinus* against *Meloidogyne incognita*. **Pakistan Journal of Phytopathology, 17 (1): 22-26.**

28. Iqbal, M. A., R. Ahmad, **T. Mukhtar** and H. U. Khan. **2004**. Interrelationship of citrus nematode (*Tylenchulus semipenetrans* Cobb) population and seasonal fluctuations in Sargodha district. **Pakistan Journal of Phytopathology, 16 (1): 60-62.**

27. Asghar, M. N., R. Ahmad, N. A. Khan and **T. Mukhtar**. **2004**. Effects of fertilizers on the plant growth and development of root-knot nematodes in tomato. **Pakistan Journal of Phytopathology, 16 (1): 53-59**.

26. Khan, H. U., **T. Mukhtar** and R. Ahmad. **2004.** Use of amendments for the control of root-knot disease of tomato caused by *Meloidogyne incognita*. **Pakistan Journal of Phytopathology, 16 (1): 33-36.**

25. Iqbal, M. A., R. Ahmad, **T. Mukhtar** and H. U. Khan. **2004**. Evaluation of various nematicides against citrus nematode (*Tylenchulus semipenetrans* Cobb) on highly

and slightly diseased trees in the citrus orchards. **Pakistan Journal of Phytopathology, 16 (1): 17-22.**

24. Khan, H. U., **T. Mukhtar** and R. Ahmad. **2004**. Evaluation of synergistic effects of *Paecilomyces lilacinus* and *Trichoderma harzianum* against root-knot disease of tomto. **Pakistan Journal of Phytopathology, 16 (1): 13-16.**

23. Ahmad, M. S., **T. Mukhtar** and R. Ahmad. **2004**. Some studies on the control of Citrus nematode (*Tylenchulus semipenetrans*) by extracts of three plants and their effects of plant growth variables. **Asian Journal of Plant Sciences, 3 (5): 544-548.**

22. Mukhtar, T. and I.Pervaz. **2003**. *In vitro* evaluation of ovicidal and larvicidal effects of culture filtrates of *Verticillium chlamydosporium* against *Meloidogyne javanica*. **International Journal of Agriculture and Biology, 5(4): 576-579.**

21. Mukhtar, T., I.Pervaz**,** R. Ahmad and H. U. Khan. **2003.** Comparative efficacy of different bio-control agents against *Meloidogyne javanica.* **Pakistan Journal of Phytopathology, 15 (1-2): 5-8.**

20. Mukhtar, T., R. Ahmad and N. Mukhtar. **2002**. Efficacy of *Pasteuria penetrans* and *Verticillium chlamydosporium* in the biological control of *Meloidogyne javanica*. **Pakistan Journal of Phytopathology, 14 (1): 79-83.**

19. Mukhtar, T., R. Ahmad and N. Mukhtar. **2002**. Effect of antagonistic plants on the biological control of *Meloidogyne javanica* by *Verticillium chlamydosporium.* **Pakistan Journal of Phytopathology, 14 (1): 74-78**.

18. Mukhtar, T. and R. Ahmad. **2000**. Combined efficacy of *Pasteuria penetrans* and leaf extracts on the bio-control of *Meloidogyne javanica* on tomato. **Pakistan Journal of Phytopathology, 12 (1): 56-61.**

17. Mukhtar, T., R. Ahmad and S. M. Khan. **2000**. Attachment of *Pasteuria penetrans* spores to the cuticle of *Meloidogyne javanica* as affected by leaf extracts of some plants. **Pakistan Journal of Phytopathology, 12 (1): 53-55.**

16. Mukhtar, T.1996. Incidence of cotton leaf curl in district Okara and screening of cotton cultivars for resistance against the disease. **Pakistan Journal of Phytopathology, 8 (1): 88-92.**

15. Javed, M., R. Ahmad, M. I. Haq and **T. Mukhtar**. **1994**. Effect of soil solarization on the population of root-knot nematode (*Meloidogyne incognita*) and growth of tomato plants. **Pakistan Journal of Phytopathology, 6 (2): 115-119.**

14. Mukhtar, T., R. Ahmad, M. I. Haq and N. Javed. **1994**. Effect of leaf extracts of some plants on *Meloidogyne incognita*. **Pakistan Journal of Phytopathology, 6 (1): 35-37.**

13. Feroz, M. K. and **T. Mukhtar.1994**. Studies of some toxicokinetic parameters of malathion in rabbits. **Science International, 6(3): 239-240**.

12. Mukhtar, T., M. Z. Kayani, M, Javed, M. K. Feroz and L. Hussain.**1993**. Ovicidal and larvicidal properties of root extracts of some plants against *Meloidogyne incognita*. **Journal of Animal and Plant Sciences, 3(3-4): 133-135.**

11. Feroz, M. K., **Mukhtar, T**., M. Z. Kayani, L. Hussain, and M. R. Feroz. **1993**. Incidence of DDVP (Dichlorvos) in gourd (*Cucurbeta pepo*) and estimation of total, reducing and non-reducing sugars. **Journal of Animal and Plant Sciences, 3(1-2): 80-81.**

10. Ahmad, R., **T. Mukhtar**, N. Javed and M. I. Haq. **1991**. Effects of extracts of various plants on egg hatching and larval mortality of root-knot nematode (*Meloidogyne incognita*). **Pakistan Journal of Phytopathology, 3 (1-2): 38-42.**

(b) Published in Proceedings

9. Ahmad, R., M. A. Khan, **T. Mukhtar** and N. Javed**. 2007.** Infestation of citrus orchards by Citrus nematode (*Tylenchulus semipenetrans*) and screening of some rootstocks for resistance or susceptibility. **Proceedings of the International Symposium on Prospects of Horticultural Industry in Pakistan. 28th to 30th March, 2007. Institute of Horticultural Sciences, University of Agriculture, Faisalabad. pp. 165-169.**

8. Mukhtar,T., R. Ahmad and M. A. Khan. **2006**. Studies on the distribution, ecology and management of Citrus Nematode, *Tylenchulus semipenetrans***. Proceedings of International Symposium on Sustainable Crop Improvement and Integrated Management. September 14-16, 2006. pp. 223-230.**

7. Mukhtar,T., R. Ahmad and N. Javed, **2001**. Control of *Meloidogyne javanica* by two antagonistic plants and a nematophagous fungus and effects of antagonistic plants on the activity of fungus. **Proceedings of 3rd Conference of Plant Pathology, pp. 129-132.**

6. Javed, N., S. R. Gowen, **T. Mukhtar** and M. Ashfaq. **2002**. Effect of neem products on hatching, mobility, mortality and development of juveniles of *Meloidogyne javanica*. **Proceedings of National Symposium of Nematology, 67-75.**

5. Javed, N., R. Ahmad and **T. Mukhtar**. **2001**. Nematode control: biological approach. **Proceedings of 3rd Conference of Plant Pathology, pp. 116-121.**

4. Mukhtar, T., R. Ahmad and H. U. Khan. **1999**. Effect of leaf extracts of some plants on the growth of nematophagous fungus *Verticilliumchlamydosporium*. **Proceedings of 2nd Conference of Plant Pathology, 179-182.**

3. Mukhtar,T., R. Ahmad and S. R. Gowen. **1999**. Effect of a cropping sequence on the management of *Meloidogyne javanica* and *Pasteuriapenetrans* build up. **Proceedings of 2nd Conference of Plant Pathology, pp. 175-178.**

(c) Technical articles

2. Mukhtar, T.2000. Biological control of root-knot disease. **The Sun International, 1(131):11.**

1. Chaudhry, N.A., M.A. Ansari and **T. Mukhtar**.**1992**. Diseases infecting citrus plants and their control. **Progressive Farming, 12 (6): 27-34.**