

CURRICULUM VITAE

AHMAD KAMRAN KHAN

S/o Ashiq Hussain

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Postal Address: House No. 230-A, Khayaban-E-Sarwar,
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Tehsil Kot Chhutta, Distt. Dera Ghazi Khan,
32200 Punjab, Pakistan.



Personal Data

C.N.I.C. No. : 32102-7839466-5
Date of Birth : 12-04-1980
Place of Birth : D.G.Khan, Punjab, Pakistan.

Professional Education

<u>Degree</u>	<u>Session</u>	<u>Specialization</u>	<u>Marks Obtained/ CGPA/ %age</u>	<u>Division/ Grade</u>	<u>University / Board</u>
Ph. D.	2012-2018	Entomology	3.44/ 4.00	1 st Division	University of Agriculture Faisalabad, Pakistan
M. Sc. (Hons.)	2003-2005	Agriculture (Entomology)	3.68 / 4.00 (81.83%)	1 st Division	NWFP. Agricultural University Peshawar.
B.Sc. (Hons.)	1999-2003	Agriculture (Entomology)	3.15/ 4.00 (70.72%)	1 st Division	NWFP. Agricultural University Peshawar.
F. Sc.	1995-1998	Pre-Medical	594 / 1100 (54%)	2 nd Division	Govt. Degree College D.G. Khan
S. S. C.	1994-1995	Science	609 / 850 (71.64%)	1 st Division	Govt. High School Mana Ahmadani.

FIELD OF SPECIALIZATION:

PhD. Entomology (2018).

Diversity of Soil Inhabiting Mites in Different Ecological Zones of Punjab, Pakistan.

M.Sc (Hons) Entomology (2005).

Species Composition of the Tribes Cotesiini and Apantelini (Microgastrinae: Braconidae: Hymenoptera) of the NWFP (Pakistan).

PROFESSIONAL EXPERIENCE

08 May 2020 to date

Working as “Assistant Professor (Visiting)” in the Department of Plant Protection, Ghazi University, Dera Ghazi Khan. Punjab (Pakistan).

08 May 2019 to 07 May 2020

Worked as “Assistant Professor” in the Department of Plant Protection, Ghazi University, Dera Ghazi Khan. Punjab (Pakistan).

07 March 2016 to 29 June 2016

Worked as “Teaching Assistant in the Department of Entomology, University of Agricultural Faisalabad, Pakistan. Punjab (Pakistan).

01 July. 2011 to 2nd March 2012

Worked as Senior Officer (Monitoring & Evaluation) in WWF-P (World Wild Fund for Nature) in the project “BCI (Better Cotton Initiatives)” in Punjab (Bahawalpur), Pakistan.

06th Nov. 2009 to 30th June 2012

Worked as Monitoring Officer in WWF-P (World Wild Fund for Nature) in the project “PSCI (Pakistan Sustainable Cotton Initiative)” and “BCI (Better Cotton Initiatives)” in Punjab, (Bahawalpur), Pakistan.

12th May 2006 to 30th June 2009

Worked as “Agricultural Officer (Plant Protection) BS-17 in the “Pest Warning and Quality Control of Pesticides, Agriculture Department of Punjab, Pakistan.

RESEARCH PROJECTS:

A. Principal Investigator:

Project title: Diversity of soil inhabiting mites in irrigated and hill torrents areas of Dera Ghazi Khan.” (SRGP-HEC).

B. CO-PI:

Project titles:

1. Optimization of interconopy LED lighting and its effect of growth and quality of lettuce, Higher Education Commission of Pakistan, Islamabad. Project No. 2390.
2. Agriculture potential of LED lighting in controlled production system, Muhammad Nawaz Sharif, University of Agriculture, Multan. DICE AFS 2019.
3. Medicinal plant production in controlled environment Asparagus (Anti-Diabetic) vegetable, proposal under Business Incubation Center (BIC), University of Haripur, KPK.
4. Nutritional quality control. An Innovative Four Color Agriculture approach with Hydroponic system, Endowment fund secretariat University of Agriculture, Faisalabad, Punjab, Pakistan UAF-US collaboration for strengthening of Agri. Academia.

Research Projects Completed

Sr. #	Title	Funding Agency	Level	Duration
1	Taxonomical studies of soil mites	Higher Education Commission of Pakistan.	Educational (International Research Support Initiative Program)	08 June, 2016 to 04 December, 2016
2	Diversity of soil inhabiting mites in different ecological zones of Punjab, Pakistan.	Higher Education Commission of Pakistan.	Ph.D. Thesis	2012-2018
3	Species Composition of the Tribes <i>Cotesiini</i> and <i>Apantelini</i> (Microgastrinae: Braconidae: Hymenoptera) of the NWFP (Pakistan).	--	M.Sc (Hons.) Thesis	2003-2005
4	“Biological Control of Sugarcane Pests”	--	B.Sc. (Hons) Review)	Sept. 2002 to March, 2003
5	“Families of Order Diptera”	--	B.Sc. (Hons) Special Problem)	Sept. 2002 to March, 2003

International and National Professional Trainings

<u>Trainings</u>	<u>Year</u>	<u>Organization</u>
Whitefly Management in Cotton	25 May, 2021	Muhammad Nawaz Sharif University of Agriculture, Multan, Punjab, Pakistan.
International Research Support Initiative Program (Taxonomical studies of soil mite)	08 June, 2016 to 04 Dec., 2016	CSIRO (Commonwealth Scientific & Industrial Research Organization), Canberra, Australia.
Impact DW (Decent Work) (Training for Decent Work in BCI)	13-15 Feb., 2011	Fair Labor Association and WWF-Pakistan.
GIS and Global Positioning System	9-10 April 2010.	WWF-Pakistan.
Basic I.T. Training Course	23 April 2007 to 25 May, 2007	Ministry of Information Technology, Government of Punjab.
Andragogical and Online Teaching Skills	10 June, 2020	Punjab, Higher Education Commission of Pakistan.
Online education, Tools & Strategies.	7-9 July, 2020	Punjab, Higher Education Commission.
The Global Markets Programmed: A Pathway towards GFSI-Recognized Certification	20 June, 2020	National Alliance for Safe Food (NAFS)
ProQuest Ebook Central Advanced Training	23 Sept. 2020	ProQuest Education in partnership with Higher Education Commission of Pakistan.
ProQuest Ebook Central Advanced Training	30 Sept. 2020	ProQuest Education in partnership with Higher Education Commission of Pakistan.
HEC digital library collections for your next scholarly research	14 Oct. 2020	ProQuest Education in partnership with Higher Education Commission of Pakistan
Weeds ecology and management.	24 October 2020	Jointly organized by Pakistan academy of sciences, Pakistan Institute of Development economics, and Center for Agriculture Strategy & Development.
World soil day celebration.	5, December, 2020	Jointly organized by Pakistan Academy of sciences, University of Agriculture, Faisalabad, Fauji Fertilizer Company, Wageningen UR, Global Soil partnership of the FAO, University of

		Cape Town, Muhammad Nawaz Sharif University of Agriculture, Multan and Pir Mehr Ali Shah University of Arid Agriculture, Rawalpindi, Pakistan.
ProQuest's Introduction to Publishing in Academic Journals-Part1	08 December 2020	ProQuest Education in partnership with Higher Education Commission of Pakistan
ProQuest's Introduction to Publishing in Academic Journals-Part2	15 December 2020	ProQuest Education in partnership with Higher Education Commission of Pakistan
HEC digital library collection for your next scholarly research	14 October 2020	ProQuest Education in partnership with Higher Education Commission of Pakistan
How to utilize ProQuest Journals, Dissertations, and Varied Content Types in Teaching and Research.	19 October 2020	ProQuest Education in partnership with Higher Education Commission of Pakistan
How to manage your references using Refworks	26 October, 2020	ProQuest Education in partnership with Higher Education Commission of Pakistan
5 Tips for getting published: Maximize your chances to get your paper accepted in academic journals.	27 October, 2020	ProQuest Education in partnership with Higher Education Commission of Pakistan
Food security: Grow, Nourish & Sustain together	30 November 2020	UPSIGN UK-Pakistan, Science and Innovation Global Network.
Get the necessary knowledge to maximize your chance for your paper to get accepted in academic journals-Part1	16 March, 2021	ProQuest Education

Conferences/Workshops/Congress/Webinars

Sr. #	Title	Holding Authority	Date	Remarks
1	Bee pollination under climate change scenario	Muhammad Nawaz Sharif University of Agriculture, Multan, Punjab, Pakistan. (Online)	20 May, 2021	Certificate
2.	UN Independent Food Systems Summit Dialogue "Transforming Food systems through Climate Smart Agriculture"	Faculty of Agriculture, University of the Punjab, Lahore.	20 May, 2021	Certificate

2	1st International Workshop of the Egyptian Society of Acarology.	Egyptian Society of Acarology	March 29 and 30, 2021	Training workshop + certificate
3	Panel discussion on advancing diversity and inclusion in STEM.	ProQuest, Scientific American.	March 24, 2021	--
4	How to Easily Navigate through Springer Nature Plateform-Pakistan.	Springer Nature.	April 5, 2021	--
5	“Alternatives to Chemical Fungicides for the Control of Citrus Post Harvest Diseases” Characterization of Novel Plant Viruses in the Era of Advance Molecular Detection Technology”	Department of Plant Pathology, The Islamia University, Bahawalpur, Pakistan.	April 6, 2021	Certificate
6	International webinar on “Stealth Pathogen: The Sooty Blotch and Flyspeck Fungal Complex”.	Department of Plant Pathology, The Islamia University, Bahawalpur, Pakistan.	April 20. 2021	Certificate.
7	International conference on Smart Plant Protection	Muhammad Nawaz Sharif University of Agriculture, Multan, Punjab, Pakistan (Online)	27-28 Jan., 2021	Abstract published and certificate
8	Elsevier-HEC Workshop on Journal Indexing in Scopus	Online	21-Jan. 2021	Certificate
9	4th combined Australian and New Zealand Entomological conference	Australian Entomological Society	27-30 Nov. 2016	Abstract Published and certificate
10	International Entomological Congress, Conversing Emerging Entomological Challenges, and their solution	Department of Entomology, University of Agriculture, Faisalabad, Pakistan.	08-10, April 2019	Abstracts Published
11	International Entomological Congress	University of Agri. Faisalabad, Pakistan.	Dec 16-18, 2016	Abstract published and Certificate
12	Water dialogue on “Irrigation system of Pakistan: Challenges and opportunities.	WWF-Pakistan collaboration with University of Agriculture Faisalabad.	Feb 10, 2016	Certificate
13	35th Pakistan Congress of Zoology	Center of Excellence in Marine Biology University of Karachi, Pakistan.	4- March, 2015	Abstract presentation
14	2nd postgraduate entomological research conference	University of Agri. Faisalabad, Pakistan	08-09 July 2013	Certificate

ROLE OF REVIEWER JOURNALS:

1. Revista de la Sociedad Entomologica Argentina.
2. International Journal of Tropical Insect Science
3. Journal of Pure and Applied Biology.
4. Pakistan Journal of Zoology.
5. Sarhad Journal of Agriculture.

AWARDS:

1. Awarded HEC Indigenous 5000 Ph.D fellowship program batch-IV (2014-2018).
2. Awarded HEC International Research Support Initiative Program (IRSIP) Fellowship in 2016.

PUBLICATIONS:

Research Papers Published:

1. **Khan, A.K.**, M.H. Bashir, S. Ahmed, M.A. Bashir, S. Ali, S.A. Hameed, M. Batool, I. Ahmed and M.N. Khan. 2021. Biodiversity of soil inhabiting Prostigmata (Arachnida: Acari) from different agro-ecological zones of Punjab, Pakistan. Pakistan J. Zool. 1-6.
DOI: <https://dx.doi.org/10.17582/journal.pjz/20191009121053> (IF:0.79).
2. **Khan, A.K.**, M.H. Bashir, B.S. Khan and N. Javed. 2017. Biodiversity of soil inhabiting Mesostigmata (Arachnida: Acari) from different Agro-ecological zones of Punjab, Pakistan. **Pakistan J. Zool.** **49(2): 677-683**. DOI: <http://dx.doi.org/10.17582/journal.pjz/2017.49.2.677.683> (IF:0.79).
3. Bashir, M.H., M. Zahid, M.A. Khan, M. Shahid and **A.K. Khan**. 2018. Pesticides toxicity for *Neoseiulus barkeri* (Acari: Phytoseiidae) and non-target organisms. Pak. J. Agri. Sci., 55(1): 63-71.
4. Haider Karar, Muhammad Amjad Bashir, Maqbool Ahmad, Muhammad Shahid Nisar, **Ahmad Kamran Khan**, Munaza Batool, Suilman Mohammad Alghanem, Khalid Ali Khan, Hamed A Ghramh, Saad Al-Kahtani, Ghulam Abbas. **2020**. Effect of host plant on mortification of flower thrips *frankliniella occidentalis* pergande (thripidae: thysanoptera) in rose (*rosa indica*). Fresenius Environmental Bulletin. 29(8): 7023-7033. (IF:0.67).
5. Haider Karar, Muhammad Amjad Bashir, Ghulam Abbas, Muhammad Shahid Nisar, **Ahmad Kamran Khan**, Munaza Batool, Javed Iqbal, Khalid Ali Khan, Hamed A. Ghramh, Saad Al-Kahtani, Suilman Mohammad Alghanem, Maqbool Ahmad. 2020. Safe, economical and effective technology for the management of mango mealy bug (*Drosicha mangiferae* green) in infested mango orchards and other plantations. Fresenius Environmental Bulletin. 29(8): 7034-7040 (IF: 0.67).
6. Muhammad Amjad Bashir, Muhammad Shahid Nisar, Munaza Batool, Mamoona Noreen, **Ahmad Kamran Khan**, Khlid Ali Khan, Rukhsana Kausar. 2020. Insecticidal effect of botanical material for

- the management of pulse beetle, (*callosobruchus chinensis*): a step toward Eco-friendly control. Fresenius Environmental Bulletin. 29(7): 5180-5188 (IF: 0.67).
7. Muhammad Amjad Bashir, Sagheer Atta, Muhammad Shahid Nisar, **Ahmad Kamran Khan**, Munaza Batool, Khalid Ali Khan, Hamed A Ghramh, Saad N Al-Kahtani. 2020. Management of sucking insects pest complex of cotton through foliar spray of insecticides. Fresenius Environmental Bulletin. 29(7A): 5777-5785. (IF: 0.67).
 8. Munaza Batool, Muhammad Abdul Qayyoom, Ahlam Khalofah, Arif Hussain, Muhammad Amjad Bashir, Ahmad Kamran Khan, Khalid Ali Khan, Syeda Amber Hameed, Haifa A Alhaithloul, Sulaman A Ghanem, Muhammad Sadiq Hashmi, Farhat Bashir, Irum Aziz, Tayyaba Naz. 2021. Comparative effect of soil and foliar applied $FESO_4$ and $ZNSO_4$ for maize growth under saline conditions. Fresenius Environmental Bulletin. 30(4): 3508-3516. (IF:0.67).
 9. Khurshied Ahmed khan, M. Ikram ul Haq, Jamal Muhammad Khan, Muhammad Zahoor, Osama Gohar, Muhammad Haris Sher, Muhammad Salman Hameed, Muhammad Athar Khaliq, Shahbaz Ali, **Ahmad Kamran Khan**, Tahria Batool Qasrani, Maqbool Ahmad, Nisar Hussain, Matlob Ahmad, Muhmmad Ijaz Hussain, Asma Noureen. 2020. Addressing the impact of Covid-19 lockdown on agriculture, food secutiry and livelihoods in Pakistan. Current Trends in Eng Sci.1(1): 1-3.
 10. Khurshied Ahmed Khan, Muhammad Mubbin, M. Ikram ul Haq, Nisar Hussain, Muhammad Mudassar Maqbool, Matlob Ahmad, Muhammad Salman Hameed, Muhammad Athar Khaliq, Shahbaz Ali, **Ahmad Kamran Khan**, Tahria Batool Qasrani, Maqbool Ahmad, Muhmmad Ijaz Hussain, Asma Noureen. 2020. Air Quality Index with Particulate Matter (PM2.5) Improved after National Lockdown during COVID-19 Outbreak across Pakistan. Op Acc J Bio Sci & Res 3(2):1-6. DOI: 10.46718/JBGSR.2020.03.000065
 11. Khurshied Ahmed khan, M. Ikram ul Haq, Jamal Muhammad Khan, Muhammad Zahoor, Osama Gohar, Muhammad Haris Sher, Muhammad Salman Hameed, Muhammad Athar Khaliq, Shahbaz Ali, **Ahmad Kamran**, Tahria Batool Qasrani, Maqbool Ahmad, Nisar Hussain, Matlob Ahmad, Muhmmad Ijaz Hussain, Asma Noureen, 2020. Opinion on Impact of Covid-19 Lockdown on Agriculture, Food Security and livelihoods in Pakistan, International Journal of Agriculture and Biological Sciences 06:44-50 DOI: 10.5281/zenodo.3991706
 12. Ahmed, I., S. Munir, M.A. Jamal, T.N. Pasha, Y.A. Ditta, A. Mahmud, **A.K. Khan**, S., M.Z. Talpur and J. Jia, 2017. Effect of enzyme complex at different wheat-based diets on growth performance of broilers. J. Ento. Zool. Stud., 5(3): 525-531.
 13. Zahid, M., M.A.J. Khan and A.K. Khan. 2017. Appraisal of community integrated pest management program on cotton in Tehsil Hasilpur, Punjab, Pakistan. Pak. j. life soc. Sci., 15(3): 178-182.

14. Zahid, M., M.A.J. Khan, M. Idrees and **A.K. Khan**. 2018. Awareness and adoption of integrated pest management in cotton by growers of Hasilpur area in Pakistan. *Sarhad Journal of Agriculture*, 34(1): 79-84. DOI | <http://dx.doi.org/10.17582/journal.sja/2018/34.1.79.84>
15. Hussain, M., M.S. Imran, A. Aslam, N. Yasmeen, S. Hussain, S. Munir, M. Hussain, **A.K. Khan**, M. Usman, A. Jalal, M.A. Jamal, M.Z. Talpur, I. Ahmed and Z. Baloch. 2019. Detection of influenza A virus contamination in Newcastle disease live virus vaccines and their pathological effects on visceral organs. *Bioint. Res. Appl. Chemis.*, 9(1): 3812-2816.
16. Batool, M., M. Saqib, M.A. Qayyum, M. Jan, S.A. Hameed, **A.K. Khan**, A. Khaliq, T. Naz, A. Hussain and S. Nawaz. 2020. Screening of different maize (*Zea mays* L.) genotypes against salinity under hydroponics. *Pure Appl. Biol.*, 9(1): 1118-1129. <http://dx.doi.org/10.19045/bspab.2020.90117>
17. Ayan, A., I. Ahmed, J.M. Khan, S. Munir, M. Hussain, **A.K. Khan**, A. Jalal, M.A. Qudus, M.I. Saleem, A. Sheraz, S. Hussain, M.Z. Talpur, K. Rahim and Z. Baloch. 2020. Hematological changes and comparative efficacy of allopathic and herbal drugs on Coccidiosis in rabbits. *BALTICA*. 33(2): 78-99.

Papers under review:

1. **Ahmad Kamran Khan***, Bruce Halliday, Muhammad Hamid Bashir. New species and new records of soil mites from Pakistan (Acari: Laelapidae). *Systematic and Applied Acarology* (**IF: 1.732**).
2. **Ahmad Kamran Khan***, Muhammad Hamid Bashir, Syeda Amber Hameed, Shahbaz Ali, Shanza Ahmed, Munaza Batool, Irfan Ahmed. Biodiversity of soil inhabiting oribatida (arachnida: acari) from different agro-ecological zones of Punjab, Pakistan. *PJAS-2020-683* (**IF: 0.65**).
3. Maria Rebecca, Saima Naz and **Ahmad Kamran Khan**. 2020. Epidemiology and prevalence of Head Louse infestation in school children of District Hyderabad, Sindh, Pakistan. *Journal Of Tropical Ecology* (manuscript ID is JTE-20-145).
4. Shahbaz Ali, Inzamam Ul Haq, Waseem Abbas, Yasir Naiz, Muhammad Zeeshan Shabbir, Muhammad Musa Khan, Ahmad Kamran Khan, JinYing. 2021. Efficacy of different botanicals against tomato fruit borer *Helicoverpa armigera* (Hub.) under field condition. *Pakistan Journal of Agriculture Research*.
5. Zahid Mahmood Sarwar, Ansa Tamkeen; Muhammad Rafique Khan, Zafar Hussain, Muhammad Shahbaz Asghar; Ahmad Kamran Khan. 2021. Spatiotemporal behavior and new distributional record of subfamily Hemiacidinae (Acrididae: Orthoptera) from Azad Jammu and Kashmir, Pakistan. *Journal of Asia-Pacific Entomology*.
6. Saima Naz, Sindhu Bughio; Shagufta Riaz; Ahmad Kamran Khan. 2021. Epidemiological and Spatial-Temporal Analysis of Chewing Lice (Insecta: Phthiraptera) on House Sparrow, *Passer*

domesticus in different regions of the Province Sindh, Pakistan. International Journal of Parasitology: Parasites and wildlife.

Abstracts Published

1. **Khan, A.K*.,** M.H. Bashir, B.S. Khan, and N. Javed. Biodiversity of soil inhabiting Mesostigmata (Arachnida: Acari) from different agro-ecological zones of Punjab, Pakistan. in 4th combined Australian and New Zealand Entomological Societies Conference, Melbourne, Australia, **(November 27-30, 2016).**
2. **Khan, A.K*.,** M.H. Bashir, B.S. Khan, and N. Javed. Biodiversity of soil inhabiting Prostigmata (Arachnida: Acari) from different agro-ecological zones of Punjab, Pakistan. International Entomological conference, Pakistan Entomological Society, Department of Entomology, University of Agriculture, Faisalabad **(December 16-18, 2016).**
3. Honey, S.F., M.H. Bashir, M. Zahid, and **A.K. Khan.** First record of three Phytoseiid mites (Acari: Mesostigmata: Amblyseiinae) from Punjab province, Pakistan. International Entomological Congress at University of Agriculture Faisalabad, Pakistan **(December 16-18, 2016).**
4. **Khan, A.K*.,** M. Inayatullah and M. H. Bashir. Species composition of the tribes Cotesiini and Apantelini (Microgastrinae: Braconidae: Hymenoptera) of the NWFP. 35th Pakistan Congress of Zoology, Center of Excellence in Marine Biology University of Karachi **(March 1-4, 2015).**
5. **Khan, A.K*.,** M.H. Bashir, B.S. Khan, M. Zahid, S.F. Honey, and I. Ahmed. Diversity of soil inhabiting Oribatida (Arachnida: Acari) from different Agro-ecological zones of Punjab, Pakistan. International Entomological Congress, Department of Entomology, University of Agriculture, Faisalabad, Pakistan **(April 8-10, 2019).**
6. Idrees, M., F. Ahmed, A. Sattar, A. Yaseen, M. Farhan, and **A.K. Khan.** 2019. Understanding the clinical spectrum of dengue fever in Punjab, Pakistan. International Entomological Congress, Department of Entomology, University of Agriculture, Faisalabad, Pakistan, **(April 8-10, 2019).**
7. Nisa, M., R. Ajmal, S. Ahmed and **A.K. Khan.** 2019. Prevalence of Typhoid in district Peshawar, Khyber Pakhtunkhwa. International Entomological Congress, Department of Entomology, University of Agriculture, Faisalabad, Pakistan, **(April 8-10, 2019).**
8. Zahid, M. M.H. Bashir, and **A.K. Khan.** 2019. Life table parameters and feeding potential of predatory mite *Neoseiulus Barkeri* (Acari: Phytoseiidae) against *Bemisia Tabaci* (Aleyrodidae: Homoptera). International Entomological Congress, Department of Entomology, University of Agriculture, Faisalabad, Pakistan, **(April 8-10, 2019).**
9. Bashir, M.H., S.F. Honey, B.S. Khan, and **A.K. Khan.** 2019. Overview of mites Pakistan with detailed review of Phytoseiidae (Acari: Mesostigmata) from this region. International Entomological

Congress, Department of Entomology, University of Agriculture, Faisalabad, Pakistan, (**April 8-10, 2019**).

- 10. Khan, A.K*.,** M.H. Bashir, B.S. Khan, S. Ali, S. Ahmed, S.A. Hameed, R. Ajmal, M. Zahid, S.F. Honey, and I. Ahmed. 2019. Diversity of soil inhabiting Oribatida (Arachnida: Acari) from different Agro-ecological zones of Punjab, Pakistan. Joint Conference of the Australian Entomological Society, Society of Australian Systematic Biologists and Australasian Arachnological Society, Brisbane Convention and Entertainment Center, Brisbane, Australia, (**December 1-4, 2019**).
- 11. Shahbaz Ali, Yasir Niaz, Azad Ali, Mubin Zahra, Khurshied Ahmed Khan, Ahmad Kamran Khan.** 2021. Induced expression of heat shock proteins (Hsp90, Hsp70 and Hsp60) is associated with thermotolerance in three rice plant hopper species. **International conference on Smart Plant Protection. (27-28 Jan. 2021).**
- 12. Muzayyan Nisa, Muhammad Hamid Bashir, Ahmad Kamran Khan, Shanza Ahmed.** 2021. Impact of different diets on the population buildup and biology of *Rhizoglyphus tritici* (Acari: Acaridae) under in Vitro. **International conference on Smart Plant Protection. (27-28 Jan. 2021).**

REFERENCES

- 1. Dr. Bruce Halliday.**
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