

Dr. Sohail Ahmed Otho

Ph.D. China

Assistant Professor

Department of Entomology,
Sindh Agriculture University, Tandojam.



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Dr. Sohail Ahmed Otho is a dedicated, enthusiastic, and hardworking teacher and researcher and believes in learning as a lifelong process. Dr. Otho received his B.Sc. (Agri.) Hons. and M.Sc. (Agri.) Hons. degrees in Entomology from Sindh Agriculture University, Tandojam with distinction in 2007 and 2010, respectively. He got a Research fellows job in Entomology Section, Agriculture Research Institute Tandojam, from 25-06-2008 to 30-06-2010 then also working as field officer in Sayban Group from 06 Aug 2010 to 05 Aug 2011. Despite the overburden of field's job, he continuously thrived for more education and learning, he never gave up to his dreams, for his personnel and professional growth. He also tried for a teaching position at University level and has been trying for foreign scholarships to pursue his Ph.D. Due to his keen interest, efforts and hard work, he got a foreign scholarship for higher studies under Chinese Scholarship Council P.R. China".

Dr. Otho earned his Ph.D. degree in the field of Entomology from Northwest A&F University P.R. China and worked on the research project "**Expression and Functional study of iron binding protein**". After completing his Ph.D. in 2016, Dr. Otho joined his parent institute as Assistant Professor, Department of Entomology, Faculty of Crop Protection, Sindh Agriculture University Tandojam from February 2017.

EDUCATION

<u>Degree</u>	<u>Institution</u>	<u>Division/Grade</u>	<u>Year</u>
Ph.D. (Entomology)	Northwest A&F University China	1 st	2016
"Ph.D. in Agriculture Entomology and Pest Control"			
M.Sc. (Agri) Hons. (Entomology)	SAU Tandojam	1 st	2010
"Assessment of Integrated Pest Management Strategies (IPM) on Pests of Cotton Crop"			

ACHIEVEMENTS

- MSc recognized Supervisor in the field of Entomology

EXPERIENCE

- Teaching:** Assistant Professor (IPFP) **Since 03.10.2016 to 16-02-2017**
Department of Plant Protection, FCPT, SAU, Tandojam.

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| 2. Teaching: | Assistant Professor (BPS-19)
Department of Entomology, FCPT, SAU, Tandojam. | <u>Since 16.02.2017</u> |
| 3. Research: | a. Ph.D. (Entomology)
b. M.Sc. (Entomology) | <u>2012-2016</u>
<u>2008-2010</u> |
| 4. Others: | Research Fellow/ Field Officer | <u>2008</u> |

AREAS OF EXPERTISE

1. Entomology
2. Biological control
3. Pesticide Application
4. Molecular Identification
5. Phylogenetic Analysis
6. Protein Expression
7. Protein Purification

RESEARCH EXPERIENCE

1. Research Fellow (25th Nov 2008 to 30th June 2010) at Entomology Section Agriculture Research Institute, Tando Jam, Hyderabad, Sindh, Pakistan. Under the development project entitled “Survey for Midges and their natural enemies associated with Mango and develop non pesticides measures for their control in Pakistan.
2. Field Officer (06th Aug-2010 to 05th Aug 2011) in Sayban Group. Works to improvement of Vegetables, Fruits and Rice Crops at (Gharo, Sindh)

PROFESSIONAL TRAINING & COURSES

1. 18th May to 12th July attended the Training Course on JUNCAO Technology for Developing Countries at Fujian Agriculture University P.R. China.
2. 06th to 11th Aug 2019 attended the 1st International Workshop on “Weed Bio-control Technology” held at CABI Bio Science Rawalpindi, Pakistan
3. 27th to 29th April 2010 attended the 2nd National Workshop on “Bio-control Technology” held at Nuclear Institute of Agriculture Tandojam, Sindh, Pakistan

NATIONAL AND INTERNATIONAL AWARDS

1. Awarded 3rd Prize as a faculty representative and drama director during “Student Festival” (12th to 14th Aug 2005) by Sindh Agriculture University. TandoJam, Pakistan.

2. Awarded 3rd Prize “Chinese Language Competition” (29th –Nov 2013) by Ministry of Shaanxi Province at Xian P.R. China
3. Awarded outstanding student of the year Award (2013) by Collage of International Education. Northwest A & F University Yangling P.R. China.
4. Awarded best group leader and country representative on 3rd International Cultural Festival (7th Dec 2015) by Northwest A & F University Yangling, P.R. China

LIST OF PUBLICATIONS

1. Tayyaba Shan, Bushra Gul, Sohail Ahmed Otho, Saba Manzoor, Dr. Asma Noureen, Dr. Khalid Hussain Rind, Najeed Ullah, Yasir Arfat, Sanam Javed, Saba Arshad, Umair Ali, 2021. Mutational Analysis of CYP1B1 gene in families with Primary Congenital glaucoma. *Elementary Education Online*. (5): 5285-5292

2. Kausar Saeed, Asma Noureen, Saba Manzoor, Khalid Hussain Rind, Sohail Ahmed Otho, Abdul Aziz, Najeeb Ullah, Muhammad Aleem Khan, 2021. A Morphological Hermaphroditic behavior for the first time reported in Domestic goat (*Capra aegagrus hircus*) in Sunigram Valley district Buner, KP Pakistan. *Elementary Education Online*. (4): 2299-2303

3. Maryam Zain, Tarique Shahzad Chachar, Ayesha Ahmed Sumra, Hafiz Mahmood Azam, Khurshid Ahmed, Sohail Ahmed Otho, Asma Noureen, Khalid Hussain Rind, Najeeb Ullah and Yasir Arfat. 2021. Case Control Study for Biochemical Abnormalities in Diabetic Cardiovascular Patients of South Punjab Pakistan. *International Journal on Emerging Technologies* (1): 284-289

4. Piar Ali Shar, Akhtar Hussain Shar, Shabana Memon, Ayaz Ali Soomro, Saleem Ahmed Naich, Nadir Ali Rind, Asadullah Laghari and Khalid Hussain Rind, Parkash Meghwar, Sohail Ahmed Otho. 2021. Morpho-physiological responses in wheat (*Triticum aestivum* L) influenced by normal and water stress conditions. (2): 135 – 144

5. Chajro, M.A., Khoso, F.N., Khatri, I., Hajano, J.D., Lodhi, A.M., Otho, S., Nizamani, I.A., Ahmed, M and Ali, A. (2019). Chemotaxis of fruit fly species against Methyl eugenol in the presence of different food flavours in a guava orchard. *Pure and Applied Biology*. <http://dx.doi.org/10.19045/bspab.2018.700204>.

6. Tanweer fatah abro, Mohd Rafii Yusop, Zahoor ahmed soomro, Abdul Wahid Baloch, Piar Ali Shar, Arfan Ahmed Gilal, Shakeel Hussain Chattha, Naeem Ahmed Qureshi and Sohail Ahmed Otho. 2019. Genome wide analysis of recurrent parent genome recovery in different backcross populations for blast resistance through ssr markers in Rice. *Pak. J. Bot.*, 51 (6) DOI: [http://dx.doi.org/10.30848/PJB2019-6\(25\)](http://dx.doi.org/10.30848/PJB2019-6(25))

7.

- 8.** Hafeez-U-Rahman Jamro, M. Ibrahim Khaskheli, Allah Jurio Khaskheli, M. Mithal Jiskani, Xiaoli Chang, Guoshu Gong, Gul Bahar Poussio, Sohail Ahmed Otho. (2019). The use of promising entomopathogenic fungi for eco-friendly management of *Helicoverpa armigera* Hubner in chickpea. International Journal of Environment, Agriculture and Biotechnology (IJEAB). <https://dx.doi.org/10.22161/ijeab>
- 9.** Sohail Ahmed Otho, Chen Kang Kang, Zhang Y, Wang Peng, Lu Zhi- Qiang 2016. Silkworm ferritin 1 heavy chain homolog is involved in defense against bacterial infection through regulation of haemolymph iron homeostasis. Dev. Comp. Immunol. (55): 152-158.
- 10.** Shahmir Ali Kalhoro, Amanullah Mahar, Muhammad Aslam Buzdar, Sohail Ahmed Otho, Rab Nawaz Soomro, Imtiaz Hussain Raja Abbasi and Muhammad Rashid. 2015. Status assessment of macronutrients in banana leaves and its associated soil in Thatta, Sindh, Pakistan. Pure Appl. Bio, 4(1): 137-149.
- 11.** Arbab Sahito, Zulfiqar Ali Baloch, Amanullah Mahar, Sohail Ahmed Otho, Shahmir Ali Kalhoro, Amjad Ali, Fahad Ali Kalhoro, Rab Nawaz Soomro, Fayaz Ali. 2015. Effect of Water Stress on the Growth and Yield of Cotton Crop (*Gossypium hirsutum* L.) AJPS DOI: 0.4236/ajps. 67108
- 12.** Fahad Ali Kalhoro, Asghar Ali Rajpar, Shahmir Ali Kalhoro, Amanullah Mahar, Amjad Ali, Sohail Ahmed Otho, Rab Nawaz Soomro, Fayaz Ali, Zulfiqar Ali Baloch. 2015. Heterosis and Combing Ability in F1 Population of Hexaploid Wheat (*Triticum Aestivum* L.) AJPS DOI: 10.4236/ajps. 67107
- 13.** Shahmir Ali Kalhoro, Xuexuan Xu, Amanullah Mahar, Amjad Ali, Fahad Ali Kalhoro, Sohail Ahmed Otho, Rab Nawaz Soomro, Fayaz Ali, Zulfiqar Ali Baloch. 2015. Study on Growth Effects of Major-Nutrients Composition to Banana Cultivation in Coastal Areas of Sindh, Pakistan. AJPSDOI: 10.4236/ajps. 67106
- 14.** Abdul Rasheed Baloch, Abdul Sattar Baloch, Allah Bux Baloch, Syed Shahid Faraz, Muhammad Asif Arain, Rab Nawaz Soomro, Sohail Ahmed Otho, Hafiz Muhammad Zakria, Imtiaz Hussain Raja Abbasi, Shahmir Ali Kalhoro, Muhammad Saeed, Abdul Majeed Baloch. 2015. A Cross-sectional Study on the Prevalence of Salmonella in Raw Milk in Tando Jam and Surrounding Areas, Pakistan. J. Anim. Prod. Adv 59 (2).
- 15.** Ghulam Hussain Jaffar, Syed Shahid Faraz, Abdul Rasheed Baloch, Muhammad Asif Arian, Allah Bux Baloch , Rab Nawaz Soomro , Abdul Wahid Baloch , Muhammad Saeed , Hafiz Muhammad Zakria, Imtiaz Hussain Raja Abassi , Sohail Ahmed Otho , Shahmir Ali Kalhoro. 2015. Study on Growth Potential of Thalli and Sipli Breeds of Sheep on Different Rations. DOI 10.5455/ijlr.20150221071744

LANGUAGES

Fluency in English, Chinese, Urdu and Sindhi

ACTIVITIES & INTEREST

Reading journals & magazines, surfing the latest & creative things over web, exploring the beauty of nature, playing & watching cricket.

PERSONAL DATA

Father's Name:	Ali Nawaz Otho
Date of Birth:	3 rd JANUARY 1982
C.N.I.C No.:	41303-2741614-1
Sex:	Male
Marital Status:	Married
Religion:	Islam

REFERENCES

Will gladly be provided when required.

COMPUTER SKILLS:

MS-Office & Internet