

**First Virtual Pakistan Congress of Zoology
December 14, 17-19, 2021**

PROGRAMME



40th

**PAKISTAN CONGRESS OF ZOOLOGY
(INTERNATIONAL)**



**GHAZI
BROTHERS**



**ORGANIZED BY:
DEPARTMENT OF PARASITOLOGY
SINDH AGRICULTURE UNIVERSITY
TANDOJAM**



**Inaugural Session
(Hybrid Session)
December 14, 2021
9:00AM to 5:00 PM**



TO JOIN INAUGURAL CEREMONY ONLINE

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<https://hec-gov-pk.zoom.us/j/95265228910?pwd=enFCNUN1a3pic3I3Vzc1RjhKUDZ4QT09>



Dr. A.M. Shaikh Auditorium, Sindh Agriculture University, Tandojam

- 10:00 A.M. : Arrival of Presiding Panel
- 10:05 A.M. : Guests to be seated
- 10:10 A.M. : Recitation from Holy Quran.
- 10:20 A.M. : Welcome Address by Prof. Dr. Abdullah G. Arijo,
Chairman, Department of Parasitology, Sindh Agri. Univ, Tandojam
- 10:30 A.M. : Address of Mr. Abdul Aziz Khan,
Secretary General, Zoological Society of Pakistan
- 10:40 A.M. : Address of Prof. Dr. A.R. Shakoori
President, Zoological Society of Pakistan
- 10:50 A.M. : Address by Prof. Dr. Fateh Muhammad Marri
Vice Chancellor, Sindh Agriculture University, Tandojam.
- 11:00 A.M. : A Few Words by the Guest of Honor
- 11:05 A.M. : Awards distribution
- 11:30 A.M. : Address by the Chief Guest
- 11:45 A.M. : Vote of thanks by the Congress Secretary
- 11:50 A.M. : Announcements
- 11:55 A.M. : Refreshments

12:30 PM JOINT SESSION I: PLENARY LECTURES

Chairperson: Dr. Abdullah G. Arijo
Co-Chairperson: Dr. Naeem Tariq Narejo

1. **Prof. Dr. Yan Zhang**, Key Laboratory of Aquatic Genomics, Ministry of Agriculture, and Beijing Key Laboratory of Fishery Biotechnology, Chinese Academy of Fishery Sciences, Beijing, 100141, China.

“Functional Characterization Of Fatty Acid Desaturases (Fads2) In Common Carp (Cyprinus Carpio): Insights Into Catalyzing Efficiency Based On In Vitro, In Vivo And Docking Simulations”

2. **Prof. Dr. Telat Yanik**, Aquaculture Department, Fisheries Faculty, Ataurk University, 25240 – Erzurum, Turkey.

“Some Innovative Technologies In Aquaculture With Respect To Fish Feeds And Cage Farming”

3. **Prof. Dr. A.R. Shakoori**, School of Biological Sciences, University of the Punjab, Lahore.

“Epithelial – Mesenchymal Transition: Effect Of Metformin Chloride”

2:00 – 2:30 PM LUNCH & PRAYER BREAK (ZUHAR)

2:30 PM JOINT SESSION II: PLENARY LECTURES

Chairperson: Prof. Dr. Shahid Mahmood Baig
Co-Chairperson: Dr. Riffat Sultana

1. **Prof. Dr. Abdullah G. Arijo**, Department of Parasitology, Sindh Agriculture University, Tandojam.

“Tick Control: Conventional Strategies And Novel Approaches”

2. **Dr. Muge Hekimoglu**, Aquaculture Department, Ege University, 35100 Bornova, Izmir, Turkey.

“The Effect Of Extending Light Period In Fish Culture”

3. **Dr. Rifat Sultana**, Tea Research Institute of Chinese Academy of Agricultural Sciences (CAAS), Hangzhou 310008, China.

“Historical Swarming Of Locust In Pakistan: Causes And Control Strategies”

4:00 – 4:15 PM TEA BREAK & PRAYER BREAK (ASAR)



**Academic Sessions
(Virtual Sessions)
December 17-19, 2021
9: 00AM to 5:00 PM**



DAY ONE

Friday, December 17, 2021

LINK 2

https://teams.microsoft.com/join/19%3ameeting_YTRmMGQwNzQtYilkMi00ZDE2LTNmYzktZjdkZDNkZDc0OTcw%40thread_v2/0?context=%7b%22Tid%22%3a%2275df096c-8b72-48e4-9b91-cb7f9d87ee3a%22%2c%22Oid%22%3a%22acab3a35-1b94-47a1-9b65-279ef25bec2f%22%7d



Microsoft Teams

9:00 AM JOINT SESSION III: PLENARY LECTURES

**Chairperson: Prof. Dr. A.R. Shakoori,
Co-Chairperson: Prof. Dr. Javed Iqbal Qazi**

1. **Prof. Dr. Aleksei Potekhin**, Department of Microbiology, Faculty of Biology, Saint Petersburg State University, Saint Petersburg, Russia.

“Diversity, Speciation Mechanisms And The Species Concept In Paramecium (Ciliophora)”

2. **Prof. Dr. Muhammad Fiaz Qamar**, Department of Pathbiology, University of Veterinary and Animal Sciences, Jhang Campus, Jhang.

“Prevalence Of Eimeria And Capillaria Species In Field Studies Of Pigeon (Columba Livia)”

3. **Dr. Abdul Rehman**, Institute of Microbiology and Molecular Genetics, University of the Punjab, Lahore.

“Microbacterium Sp. Strain 1s1 Resistance Strategies Against Metals: A Feasible Approach For Environmental Clean-Up”

10:30 - AM TEA BREAK

Link 1		Link 2	
https://teams.microsoft.com/join/19%3ameeting_NIM4NWZjODk0TjZ3S0QzGZLWjZlksZGZlM2R0NU478873z49hthread.v20?context=%7b%22Id%22%3a%2275df096c-8b72-48e4-9b91-cb79d87ee3a%22%2c%2204f%22%3a%2223860268-1052-4ddc-8aaa-1461d798b7a%22%7d Chairperson: Dr. Abdul Rehman Co-Chairperson: Dr. Muhammad Khan		https://teams.microsoft.com/join/19%3ameeting_YTRmMGQwNzQyYkM0ZDZlThmYasZkZD96ZDQ0Tow%49hthread.v20?context=%7b%22Id%22%3a%2275df096c-8b72-48e4-9b91-cb79d87ee3a%22%2c%2204f%22%3a%222acab3a35-1b94-47a1-9b65-279af25bee2f%22%7d Chairperson: Dr. Noor us Saher Co-Chairperson: Dr. Farah Naz	
CELL BIOLOGY, MOLECULAR BIOLOGY, PHYSIOLOGY, BIOCHEMISTRY, GENETICS AND TOXICOLOGY CBGP		FISHERIES, ECOLOGY, WILDLIFE, FRESHWATER BIOLOGY, MARINE BIOLOGY FEWFM	
Sehreem Gill (KCU, Lahore)	CBGP-15	Sadaf Khadim (UVAS, Lahore)	FEWFM-15
Samra Hasnat (PU, Lahore)	CBGP-16	Noor Hawa (UK, Karachi)	FEWFM-16
Ayesha Liaqat (PU, Lahore)	CBGP-17	Bibi Ayesha (UK, Karachi)	FEWFM-17
Ayesha Zafar (PU, Lahore)	CBGP-18	Hina Jabeen (UK, Karachi)	FEWFM-18
Hina Mahreen (WU, Multan)	CBGP-19	Muhammad Tabish (UK, Karachi)	FEWFM-19
Afifa Yaqoob (PU, Lahore)	CBGP-20	Arooba Nasir (UK, Karachi)	FEWFM-20
Mehroze Amin (PU, Lahore)	CBGP-21	Noor Us Saher (UK, Karachi)	FEWFM-21
Jabbar Khan (GU, D.I. Khan)	CBGP-22	Dur e Shehwar (UK, Karachi)	FEWFM-22
Sadia Arshid (UVAS, Lahore)	CBGP-23	Farah Naz (UK, Karachi)	FEWFM-23
Umair Ahmad (UVAS, Lahore)	CBGP-24	Wafra Matanat Zaheen (UK, Karachi)	FEWFM-24
Sadia Mushtaq (PU, Lahore)	CBGP-25	Syeda Hadiqa Noor (UK, Karachi)	FEWFM-25
Iqra Shahid (PU, Lahore)	CBGP-26	Altaf Hussain Narejo (UK, Karachi)	FEWFM-26
Naureen Fatima (GCU, Lahore)	CBGP-27	Abdul Hameed (UK, Karachi)	FEWFM-27
Shamsa Manzoor, (WU, Bagh, AJK)	CBGP-28	Roomana Yasmeen (UK, Karachi)	FEWFM-28
4:45 – 5:00 PM PRAYER BREAK (MAGHRIB)			

Link 3	
https://teams.microsoft.com/join/19%3ameeting_N2Y3MmFhNjRjOWQwZC00YTdmLWJkNTY0YTdmOjY0WjZkM3%49hthread.v20?context=%7b%22Id%22%3a%2275df096c-8b72-48e4-9b91-cb79d87ee3a%22%2c%2204f%22%3a%22234133a49-a888-42aa-a54d-44f8bb074e91%22%7d Chairperson: Prof. Dr. Amjad Farooq Co-Chairperson: Dr. Nadir Ali Birmani	
PESTS AND PEST CONTROL, ENTOMOLOGY AND PARASITOLOGY PC, ENT AND PAR	
Kainat Iqra (MNSUA, Multan)	PC-15
Mohsin Ali Jutt (US, Jamshoro)	PC-16
Umer Sharif (MNSUA, Multan)	PC-17
M. Salman Shafi (MNSUA, Multan)	PC-18
Marwa (SBBWU, Peshawar)	PC-19
Abro Zain-ul-Aabdin (US, Jamshoro)	PC-20
Fatima Anum (US, Jamshoro)	PC-21
Farheen Shaikh (US, Jamshoro)	ENT-1
Kamal Khan Abro (US, Jamshoro)	ENT-2
Sidra Tul Muntha (US, Jamshoro)	ENT-3
Asif Nazeer Memon (US, Jamshoro)	ENT-4
Ali Raza Soomro (US, Jamshoro)	ENT-5
Asif Raza Soomro (US, Jamshoro)	ENT-6
Asma Abdul Latif (LCWU, Lahore)	ENT-7
4:45 – 5:00 PM PRAYER BREAK (MAGHRIB)	



2:00 – 4:40 PM

Link 1

<https://teams.microsoft.com/join/19%3ameeting-NJM4NWZIODkOTHZS00ZG1LWJIZjK2G1zM2ONJUY4M3%40thread.v2/0?context=%7b%22id%22%3a%2275df096c-8b72-48e4-9b91-cbf79d87ee3a%22%2c%22oid%22%3a%223800265-1052-4ddc-8aa4-46f6d799b7a%22%7d>

Link 2

<https://teams.microsoft.com/join/19%3ameeting-YTRmMG0wNzQlY1kMl00ZDE2LThmYzkiZjdlk2DNkZDc0OTcw%40thread.v2/0?context=%7b%22id%22%3a%2275df096c-8b72-48e4-9b91-cbf79d87ee3a%22%2c%22oid%22%3a%22acab3a35-1b94-47a1-9b65-279ef25bac2%22%7d>

Chairperson: Dr. Bushra Muneer
Co-Chairperson: Dr. M. Tariq Zahid

Chairperson:Dr. Abdul Aleem Ch.
Co-Chairperson:Dr. Tanveer Hussain

CELL BIOLOGY, MOLECULAR BIOLOGY, PHYSIOLOGY,
BIOCHEMISTRY, GENETICS AND TOXICOLOGY
CBGP

FISHERIES, ECOLOGY, WILDLIFE, FRESHWATER
BIOLOGY, MARINE BIOLOGY
FEWFM

Sobia Rizwana (PU, Lahore)	CBGP-43	Fakhra Nazir (CUST, Islamabad)	FEWFM-42
Nazia Haider (WU, Multan)	CBGP-44	Ali Umar (UO, Okara)	FEWFM-43
Summera Fatima (WU, Multan)	CBGP-45	Sangam Khalil (IU, Bahawalpur)	FEWFM-44
Muhtaq H. Lashari (IU, Bahawalpur)	CBGP-46	Ali Hassan Rana (IU, Bahawalpur)	FEWFM-45
Humera Afridi (GFCW, Peshawar)	CBGP-47	Rubab Athar (IU, Bahawalpur)	FEWFM-46
Shama Sadaf (LCWU, Lahore)	CBGP-48	Muhammad Rais (AAU, Rawalpindi)	FEWFM-47
N.Z. Ghumman (UVAS, Lahore)	CBGP-49	Abu ul Hassan Faiz (WU, Bagh, AJK)	FEWFM-48
Fouzia Tabassum (UE, Lahore)	CBGP-50	Syeda Maria Bashir (WU, Bagh, AJK)	FEWFM-49
Mudasar Hussain (UVAS, Lahore)	CBGP-51	Sarwan Khan (US, Jamshoro)	FEWFM-50
Ammara Younas (GCU, Lahore)	CBGP-52	Abdul R. Shaikh (US, Jamshoro)	FEWFM-51
Shifa Rabbani (PU, Lahore)	CBGP-53	Namra Qaiser (UVAS, Lahore)	FEWFM-52
Iram Liaqat (GCU, Lahore)	CBGP-54	M. Saim Ibtesam (MNSUA, Multa)	FEWFM-53
M. Zahid Farooq (CVAS, Jhang)	CBGP-55	Shaista Jalbani UVAS Sakrand	FEWFM—06-2020
Nazneen Alam, (KIU, Gilgit)	CBGP-56	Musarrat-ul-Ain (UK Karachi)	FEWFM—15-2020
		Munawwer Rasheed (CEMB Karachi)	FEWFM—40-2020
		Muhammad Ramzan (PU Lahore)	FEWFM—61-2020

4:45 – 5:00 PM PRAYER BREAK (MAGHRIB)

Link 3

<https://teams.microsoft.com/join/19%3ameeting-N2Y3MmFhNjorOWQwZC00YTdmlWjKTYTmQ3ep9W7z8M3%40thread.v2/0?context=%7b%22id%22%3a%2275df096c-8b72-48e4-9b91-cbf79d87ee3a%22%2c%22oid%22%3a%2234133a40-a888-42ae-a54d-44f8bb074e91%22%7d>

Chairperson:Prof. Dr. Abdul Mannan Sheikh
Co-Chairperson: Dr. Santosh Kumar

**PESTS AND PEST CONTROL, ENTOMOLOGY AND
PARASITOLOGY
PC, ENT AND PAR**

M. Younus (CUVAS, Bahawalpur)	ENT-22
Bahadur Ali Gadani (SALU, Khairpur)	ENT-23
Summaya Naimat Shaikh (SALU, Khairpur)	ENT-24
G. Mujtaba Khaskheli (SALU, Khairpur)	ENT-25
Waheed Ali Panhwar (SALU, Khairpur)	ENT-26
Ghulam Abbas Soomro (SALU, Khairpur)	ENT-27
S.H. Masood Bokhari (MNSUA, Multan)	ENT-28
Shabana Mangi (SALU, Khairpur)	ENT-29
Mujeeb A. Memon SAU Tandojam	PC-61-2020
Farheen Deeba Soomro (US, Jamshoro)	ENT-7-2020
Raheela Shah (US, Jamshoro)	ENT-14-2020
Saiqa Sanam (US, Jamshoro)	ENT-16-2020
Gulalai Jamal Yousafzai (UMD KPK)	PAR-26-2020
Noorul Hadi (HU Mansehra)	PAR-27-2020
Tawseef Khan (VU Pakistan)	PAR-28-2020

4:45 PM JOINT SESSION IV: PLENARY LECTURES

Chairperson: Prof. Dr. A.R. Shakoori,
Co-Chairperson: Abdul Aziz Khan

Link 1

https://teams.microsoft.com/join/19%3ameeting_NIM4NWZjODktOTthZS00ZGZlWjZktZGZM2j0NjU4YjM3%40thread.v2j0?context=%7b%22Tid%22%3a%2275df096c-8b72-48e4-9b91-cbf79d87ee3a%22%2c%22Oid%22%3a%2223860268-1052-4ddc-8aaa-f46f8d799b7a%22%7d

1. **Dr. Muhammad Munir** , Biomedical and Life Sciences | Lancaster University United Kingdom.

“Zoonotic And Zoonothroponotic potential Of Sars-Cov-2.”

9:00 – 11:00 AM



Microsoft Teams

Link 1

https://teams.microsoft.com/join/19%3ameeting_NIM4NWZjODk0ThZS00ZG1LWJIZkZG1zMNjUJYjM3%40hread.v2/0?context=%7b%22id%22%3a%2275df096c-8b72-48e4-9b91-cb79d87ee3a%22%2c%22oid%22%3a%223850269-1052-4ddc-8aaa-48f84799b7a%22%7d

LINK 2

https://teams.microsoft.com/join/19%3ameeting_YTRmMGOWNzQ1YjkMI00ZDE2LThmYzhZjdjZDNkZDc0OTcw%40hread.v2/0?context=%7b%22id%22%3a%2275df096c-8b72-48e4-9b91-cb79d87ee3a%22%2c%22oid%22%3a%22acab3a35-1b94-47a1-9b65-279ef25bac2%22%7d

Chairperson: Dr. Soumble Zulfiqar
Co-Chairperson: Dr. Raazia Tasadduq

Chairperson:
Co-Chairperson:

CELL BIOLOGY, MOLECULAR BIOLOGY, PHYSIOLOGY, BIOCHEMISTRY, GENETICS AND TOXICOLOGY

FISHERIES, ECOLOGY, WILDLIFE, FRESHWATER BIOLOGY, MARINE BIOLOGY FEWFM

Ayesha Aihetasham, (PU, Lahore)	CBGP-57
Mehnaz Akhtar (GCW, Chakwal)	CBGP-58
Sana Nasim (WU, Bagh, AJK)	CBGP-59
Faiza Hakeem (WU, Bagh, AJK)	CBGP-60
Aisha Shah (US, Jamshoro)	CBGP-61
G.M.A. Ghani (Dera Ghazi Khan)	CBGP-62
Amna Mushtaq (WU, Multan)	CBGP-63
Adnan Ahmad (UA, Peshawar)	CBGP-64
Farhukh Tabasum (UA, Peshawar)	CBGP-65
Ayesha Hidayat (SBBWU, Peshawar)	CBGP-66
Asma (SBBWU, Peshawar)	CBGP-67
Zubaida Khanam Abbasi (Larkana)	CBGP-68
Imalah Habiba (UG, Gujrat)	CBGP-69
Rabia Sadiq (WU, Multan)	CBGP-70

1:00 – 2:00 PM PRAYER BREAK (ZUHAR)

Link 3

https://teams.microsoft.com/join/19%3ameeting_N2Y3MmFhNigtOWQwZC00YTdmLWJlNTY1YTRmODQ0YVYzMiM3%40hread.v2/0?context=%7b%22id%22%3a%2275df096c-8b72-48e4-9b91-cb79d87ee3a%22%2c%22oid%22%3a%2234133a40-a889-42ae-a54d-44f8bb074e91%22%7d

Chairperson: Dr. Saima Naz
Co-Chairperson: Dr. Waheed Ali Panhwar

PESTS AND PEST CONTROL, ENTOMOLOGY AND PARASITOLOGY
PC, ENT AND PAR

Maree Rajper (US, Jamshoro)	PAR-1
Ramesh (US, Jamshoro)	PAR-2
Naheed Bano (US, Jamshoro)	PAR-3
Bushra Khalil (Dera Ghai Khan)	PAR-4
M. Zameer Kayani (GBP, Rawalpindi)	PAR-5
Ali Asghar (AAU, Rawalpindi)	PAR-6
Tariq Mukhtar (AAU, Rawalpindi)	PAR-7
Sanam Samo (US, Jamshoro)	PAR-8
Rabia Batool (GCU, Lahore)	PAR-9
Raheela Noor Memon (US, Jamshoro)	PAR-10

1:00 – 2:00 PM PRAYER BREAK (ZUHAR)

POSTERS SECTION

Muhammad Ali (PU, Lahore)	POSTER-1
Fakhr Ul Islam (US, Swat)	POSTER-2
Hamza Umar (US, Swat)	POSTER-3
Huda Bilal (MNSUA, Multan)	POSTER-4
Bilal Kabeer (CULSP, Czech Republic)	POSTER-5
Sadia Abid (CULSP, Czech Republic)	POSTER-6
Arifa Savanur (UK, Karachi)	POSTER-7 (POSTER-76-2020)
Faiza Khan (UK, Karachi)	POSTER-8
Humaira Noor (UK, Karachi)	POSTER-9
Tayyaba Hamid (UK, Karachi)	POSTER-10 (POSTER-83-2020)
Muhammad Waris (UVAS, Lahore)	POSTER-11(CBGP-42)
Wali Khan (UM, Malakand KPK)	POSTER-12
M. Awais Ahmad (MNSUA, Multan) (For Poster)	POSTER-13 (ENT-13)
Sidra Abbas (GDEC, Lahore)	POSTER-14



Microsoft Teams

CONCLUDING CEREMONY

Link 2

https://teams.microsoft.com/join/19%3ameeting_YTRmMGQwNzQtYjlkMi00ZDE2LThmYzktZjdkZDNkZDc0OTgw%40thread.v2/0?context=%7b%22Tid%22%3a%2275df096c-8b72-48e4-9b91-cbf79d87ee3a%22%2c%22Oid%22%3a%22acab3a35-1b94-47a1-9b65-279ef25bec2f%22%7d

- 02:00 P.M. :** **Recitation from Holy Quran.**
- 02:05 P.M. :** **Congress Report and Concluding Remarks by**
Prof. Dr. A.R. Shakoori
President, Zoological Society of Pakistan
- 02:30 P.M. :** **Vote of thanks by the Congress Secretary**
Prof. Dr. Abdullah G. Arijo,
Chairman, Department of Parasitology, Sindh Agri. Univ, Tandojam