

PROGRAMME



42nd

PAKISTAN CONGRESS OF ZOOLOGY (INTERNATIONAL)

April 23-25, 2024

Organized by:
Department of Zoology
University of Azad Jammu & Kashmir
King Abdullah Campus, Chatter Klass,
Muzaffarabad



42nd PAKISTAN CONGRESS OF ZOOLOGY (INTERNATIONAL)

UNIVERSITY OF AZAD JAMMU & KASHMIR, MUZAFFARABAD

April 23-25, 2024

DAY ONE TUESDAY, APRIL 23, 2024

08:30 AM REGISTRATION

09:00 AM Inauguration: Recitation from the Holy Quran

09:05 AM Welcome address

09:10 AM Address by the Secretary General, Zoological Society of Pakistan

09:20 AM Address by the President, Zoological Society of Pakistan

09:30 AM Address by the Vice Chancellor, University of Azad Jammu & Kashmir

09:40 AM Distribution of Medals and Awards

10:10 AM Address by the Chief Guest

10:35 AM Vote of Thanks

10:40 AM Refreshment

11:30 AM, JOINT SESSION I: PLENARY LECTURES

CHAIRPERSON: Prof. Dr. Anwar-ul-Hassan Gilani

CO-CHAIRPERSON: Prof. Dr. Muhammad Wajid

1. **Prof. Dr. Telat YANIK**, Aquaculture Department, Faculty of Fisheries, Ataturk University, Turkey
Some General Aspects of Fish Farming
2. **Amael Borzee**, Laboratory of Animal Behaviour and Conservation, College of Life Sciences, Nanjing Forestry University, Nanjing, People's Republic of China
How to Integrate Multiple Fields in Amphibian Conservation Research?
3. **Qurra-tul-Ann Afza Gardner**, School of Biological Sciences, University of the Punjab, Quaid-e-Azam Campus, Lahore
Insights into the Biological Significance of Insulin Variants

01:30 PM LUNCH AND PRAYER BREAK (ZUHAR)

02:15 PM - HALL-1	02:15 PM - HALL-2	02:15 PM - HALL-3
<p>SECTION I CELL BIOLOGY, MOLECULAR BIOLOGY, GENETICS, PHYSIOLOGY, TOXICOLOGY, VIROLOGY SESSION 1 Chairperson: Prof. Dr. M. Naeem Khan Co-Chairperson: Dr. Soumble Zulfiqar</p>	<p>SECTION III ENTOMOLOGY SESSION 1 Chairperson: Prof. Dr. Riffat Sultana Co-Chairperson: Dr. Naheed Bano</p>	<p>SECTION V FISHERIES, ECOLOGY, WILDLIFE, FRESHWATER BIOLOGY, MARINE BIOLOGY SESSION 1 Chairperson: Prof. Dr. Naeem Tariq Narejo Co-Chairperson: Dr. Asma Shakir Khawaja</p>
<ol style="list-style-type: none"> S. Ali (GCU, Lahore) CBGP-3 M. Munir (UAJK, Muzaffarabad) CBGP-13 S. Nazer (UAJK, Muzaffarabad) CBGP-17 S. Aziz (UAJK, Muzaffarabad) CBGP-20 F. Shafique (US, UK) CBGP-25 W. Ali (GCU, Lahore) CBGP-29 I. Riaz (UAJK, Muzaffarabad) CBGP-56 K. Maqbool (UAJK, Muzaffarabad) CBGP-57 N. Tahir (UAJK, Muzaffarabad) CBGP-58 N. Kakar (UT, Kech) CBGP-60 A. Hussain (UK, Kotli) CBGP-61 Z. Bibi (GCU, Lahore) CBGP-66 I. Fatima (GCU, Lahore) CBGP-67 A. Ali (GCU, Lahore) CBGP-68 F. Hussain (SBBUVAS, Sakrand) CBGP-100 	<ol style="list-style-type: none"> A.N. Memon (GUBDC, Dadu) ENT-1 A. Ansari (GHSSSKL, Matiari) ENT-2 F. Shaikh (US, Jamshoro) ENT-3 S. Kumar (CUVAS, Bahawalpur) ENT-4 A. Iqbal (CUVAS, Bahawalpur) ENT-5 M.A. Rameez (CUVAS, Bahawalpur) ENT-6 M. Waseem (CUVAS, Bahawalpur) ENT-7 M. Irfan (CUVAS, Bahawalpur) ENT-8 M.Z. Abedin (CUVAS, Bahawalpur) ENT-9 S. Iqbal (CUVAS, Bahawalpur) ENT-10 Amna (CUVAS, Bahawalpur) ENT-11 S. Batool (CUVAS, Bahawalpur) ENT-12 S. Soomro (US, Jamshoro) ENT-13 S.P. Memon (US, Jamshoro) ENT-14 A. Chandio (US, Jamshoro) ENT-16 A.A. Babar (US, Jamshoro) ENT-17 	<ol style="list-style-type: none"> M.A. Brohi (SWD, Karachi) FEWFM-1 K. Saeed (UB, Buner) FEWFM-2 S. Jalbani (SBBUVAS, Sakrand) FEWFM-4 M. Khalid (US, Jamshoro) FEWFM-5 N. Naheed (MNSUA, Multan) FEWFM-6 A. Karim (SBKWU, Quetta) FEWFM-7 T. Mahmood (AAU, Rawalpindi) FEWFM-8 A. Qureshi (UAJK, Muzaffarabad) FEWFM-9 H. Khalid (UAJK, Muzaffarabad) FEWFM-10 R. Zareen (UAJK, Muzaffarabad) FEWFM-11 T. Khaleeq (CUVAS, Bahawalpur) FEWFM-12 K. Ahmad (UB, Buner) FEWFM-13 N. Zahid (CUVAS, Bahawalpur) FEWFM-14 A. Khan (US, Swabi) FEWFM-15 B. Baloch (SBBUVAS, Sakrand) FEWFM-16

04:30 PM TEA BREAK AND PRAYER BREAK (ASAR)

05:00 PM - HALL-1	05:00 PM - HALL-2	05:00 PM - HALL-3
<p>SECTION I CELL BIOLOGY, MOLECULAR BIOLOGY, GENETICS, PHYSIOLOGY, TOXICOLOGY, VIROLOGY SESSION 2 Chairperson: Prof. Dr. Farah Rauf Shakoori Co-Chairperson: Dr. Asia Bibi</p>	<p>SECTION III ENTOMOLOGY SESSION 2 Chairperson: Prof. Dr. Unser Naeem Ullah Co-Chairperson: Dr. Santosh Kumar</p>	<p>SECTION V FISHERIES, ECOLOGY, WILDLIFE, FRESHWATER BIOLOGY, MARINE BIOLOGY SESSION 2 Chairperson: Prof. Dr. Basharat Ahmad Co-Chairperson: Dr. Roheela Yasmeen</p>
<ol style="list-style-type: none"> S. Khan (US, Swabi) CBGP-1 M. Paras (US, Jamshoro) CBGP-2 G. S. Sharif (UP, Lahore) CBGP-4 S. Rathore (FUUAST, Karachi) CBGP-5 R. Sehar (CUVAS, Bahawalpur) CBGP-6 Bano (CUVAS, Bahawalpur) CBGP-7 S.M. Arshad (HU, Mansehra) CBGP-8 K. Fatima (CUVAS, Bahawalpur) CBGP-9 M. Sharif (IUB, Bahawalpur) CBGP-10 M. Chaudhary (IUB, Bahawalpur) CBGP-11 S. Andleeb (UAJK, Muzaffarabad) CBGP-12 A. Naseer (UAJK, Muzaffarabad) CBGP-14 R. Riaz (UAJK, Muzaffarabad) CBGP-15 K. Tahir (UAJK, Muzaffarabad) CBGP-16 D.A. Bukhari (GCU, Lahore) CBGP-18 A. Fatima (GCU, Lahore) CBGP-19 S. Zahoor (CUVAS, Bahawalpur) CBGP-21 	<ol style="list-style-type: none"> A. Soomro (US, Jamshoro) ENT-18 B. Mahar (US, Jamshoro) ENT-19 F.D. Soomro (US, Jamshoro) ENT-20 F.A. Hussain (US, Jamshoro) ENT-21 M.I. Bozdar (US, Jamshoro) ENT-22 J. Das (US, Jamshoro) ENT-23 S. Laraib (US, Jamshoro) ENT-24 M. Jamil (US, Jamshoro) ENT-25 M.A. Jakhriani (US, Jamshoro) ENT-26 N.G. Khattak (US, Jamshoro) ENT-27 N. Soomro (US, Jamshoro) ENT-28 R. Shah (US, Jamshoro) ENT-29 S.A. Talpur (US, Jamshoro) ENT-30 M.S. Dayo (US, Jamshoro) ENT-31 H.A. Lalika (IUB, Bahawalpur) ENT-33 A. Alladino (GCU, Hyderabad) ENT-34 	<ol style="list-style-type: none"> M.A. Shah (BUKC, Karachi) FEWFM-17 M. Ali (US, Jamshoro) FEWFM-18 N. Ahmad (BUKC, Karachi) FEWFM-19 T. Afzal (UP, Rawalakot) FEWFM-20 N. Afsar (UK, Karachi) FEWFM-21 M. Tabish (UK, Karachi) FEWFM-22 R. Nasir (UK, Karachi) FEWFM-23 A. Hameed (UK, Karachi) FEWFM-24 F.A. Mangi (UK, Karachi) FEWFM-25 Q.B. Kazmi (UK, Karachi) FEWFM-26 F.S. Ghory (UK, Karachi) FEWFM-27 Habibullah (LUAWMS, Uthal) FEWFM-28 N. Yaqoob (PINSTECH, Isl) FEWFM-29 R. Kausar (UB, Quetta) FEWFM-30 T. Hamid (UK, Karachi) FEWFM-31

6:25 PM PRAYER BREAK (MAGHRB)

06:40 PM - HALL-1		06:40 PM - HALL-2		06:40 PM - HALL-3	
SECTION I CELL BIOLOGY, MOLECULAR BIOLOGY, GENETICS, PHYSIOLOGY, TOXICOLOGY, VIROLOGY SESSION 3 Chairperson: Prof. Dr. Abdul Rehman Co-Chairperson: Dr. Saba Irshad		SECTION III ENTOMOLOGY SESSION 3 Chairperson: Prof. Dr. Naheed Kaka Co-Chairperson: Dr. Asifa Hameed		SECTION V FISHERIES, ECOLOGY, WILDLIFE, FRESHWATER BIOLOGY, MARINE BIOLOGY SESSION 3 Chairperson: Dr. Noor-us-Saheer Co-Chairperson: Dr. Tariq Mahmood	
1. T. Mazhar (CUVAS, Bahawalpur)	CBGP-22	1. S. Soomro (GCU, Hyderabad)	ENT-35	1. M. Mairaj (UK, Karachi)	FEWFM-33
2. M. Riaz (UoL, Lahore)	CBGP-23	2. M. Rizwan (BHFPRS, Rawalpindi)	ENT-36	2. S. Siddique (LUAWMS, Uthal)	FEWFM-34
3. A. Zarreen (ZMH, Rawalakot)	CBGP-24	3. R.Z. Khizar (MNSUA, Multan)	ENT-37	3. Habibullah (LUAWMS, Uthal)	FEWFM-35
4. R. Sultana (TA&MU, USA)	CBGP-26	4. S. Khaskheli (US, Jamshoro)	ENT-38	4. M. Rasheed (UK, Karachi)	FEWFM-36
5. Yusra (US, Swabi)	CBGP-27	5. U.A.A.Sheikh (UP, Rawalakot)	ENT-39	5. S. Majeed (BUK, Karachi)	FEWFM-37
6. M. Younus (CUVAS, Bahawalpur)	CBGP-28	6. S. Ali (UVAS, Lahore)	ENT-40	6. E.E. Valeem (LEMR, Karachi)	FEWFM-38
7. A.A. Abbasi (MUST, Mirpur)	CBGP-30	7. A. Hassan (UVAS, Lahore)	ENT-41	7. N.U. Saheer (UK, Karachi)	FEWFM-39
8. M. Mahaz (AWKUM, Mardan)	CBGP-31	8. M.S. Abbas (MNSUA, Multan)	ENT-42	8. Z. Imdad (UK, Karachi)	FEWFM-40
9. S. Farooq (UP, Lahore)	CBGP-32	9. B. Ahmad (HU, Mansehra)	ENT-43	9. D. Shahwar (UK, Karachi)	FEWFM-41
10. A. Naveed (UP, Lahore)	CBGP-33	10. H.A.A. Khan (UP, Lahore)	ENT-44	10. A.H. Narejo (ZSP, Islamabad)	FEWFM-42
11. S. Gul (UP, Lahore)	CBGP-34	11. S.A. Channa (US, Jamshoro)	ENT-45	11. N.U. Saheer (UK, Karachi)	FEWFM-43
12. K. Shaikh (GCU, Hyderabad)	CBGP-35	12. Z. Ahmed (FUUAST, Karachi)	ENT-46	12. A. Mukhtiar (UK, Karachi)	FEWFM-45
13. M. Alladino (GCU, Hyderabad)	CBGP-36	13. R. Mushtaq (FUUAST, Karachi)	ENT-47	13. S.I.H. Jafri (Karachi)	FEWFM-47
14. M. Buriro (GCU, Hyderabad)	CBGP-37	14. S.H.M. Bokhari (MNSUA, Multan)	ENT-48	14. S. Siyal (SBBUVAS, Sakrand)	FEWFM-48
15. S. Jawaid (GCU, Hyderabad)	CBGP-38	15. A.H. Soomro (SAU, Tandojam)	ENT-49		
16. M. Tayyab (GCU, Hyderabad)	CBGP-39	16. A.R. Bhatti (SAU, Tandojam)	ENT-50		
17. B. Aziz (PMASAAU, Rawalpindi)	CBGP-40				
7:00 PM EXECUTIVE COUNCIL MEETING					
8:30 PM DINNER					

09:00 AM, JOINT SESSION II: PLENARY LECTURES

CHAIRPERSON: Prof. Dr. Mazhar Ayaz

CO-CHAIRPERSON: Prof. Dr. Ali Muhammad Yousafzai

1. **Muhammad Khan**, Institute of Zoology, University of the Punjab, Quaid-e-Azam campus Lahore
Targeting Tumor Energy Metabolism With Plants-Derived Multi-Target Bioactive Molecules: A Promising Strategy for Cancer Therapy
2. **Syed Murtaza Hassan Andrabi**, Animal Reproduction and Genetics Program, Animal Sciences Institute, PARC-National Agricultural Research Centre; Animal Sciences Division, Pakistan Agricultural Research Council, Islamabad
An Update on Breeding Technologies in Water Buffalo (*Bubalus bubalis*)
3. **Muhammad Siddique Awan**, Department of Zoology, University of Azad Jammu and Kashmir, Muzaffarabad.
Status of Biodiversity and Management Prescriptions for Ghamot National Park, District Neelum, Azad Jammu and Kashmir

10:30 AM - HALL-1		10:30 AM - HALL-2		10:30 AM - HALL-3	
<p align="center">SECTION I CELL BIOLOGY, MOLECULAR BIOLOGY, GENETICS, PHYSIOLOGY, TOXICOLOGY, VIROLOGY SESSION 4 Chairperson: Dr. Muhammad Afzal Ghauri Co-Chairperson: Dr. Abdul Rauf Janjua</p>		<p align="center">SECTION III ENTOMOLOGY SESSION 4 Chairperson: Dr. Zain Ul Abdin Co-Chairperson: Dr. Nadir Ali Birmani</p>		<p align="center">SECTION V FISHERIES, ECOLOGY, WILDLIFE, FRESHWATER BIOLOGY, MARINE BIOLOGY SESSION 4 Chairperson: Prof. Dr. M. Siddique Awan Co-Chairperson: Dr. Muhammad Rais</p>	
1. N. Zulfiqar (AAU, Rawalpindi)	CBGP-41	1. A.A. Gil (SAU, Tandojam)	ENT-51	1. M. Zaman (UH, Haripur)	CBGP-64
2. R. Nisar (MUST, Mirpur)	CBGP-42	2. G.M. Lakho (SAU, Tandojam)	ENT-52	2. V. Kumari (US, Jamshoro)	ENT-15
3. S. Khushal (MUST, Mirpur)	CBGP-43	3. S.M. Jafery (SAU, Tandojam)	ENT-53	3. S. Sanam (CABI, Pak)	ENT-32
4. M. Shadab (MUST, Mirpur)	CBGP-44	4. I. Khatri (SAU, Tandojam)	ENT-54	4. W.A. Panhwar (US, Jamshoro)	ENT-63
5. R. Shoukot (MUST, Mirpur)	CBGP-45	5. A.P. Soomro (SAU, Tandojam)	ENT-55	5. D.B. Mishori (GCU, Hyderabad)	FEWFM-3
6. S. Farooq (MUST, Mirpur)	CBGP-46	6. M.A. Gandahi (SAU, Tandojam)	ENT-56	6. N. Shoaib (UK, Karachi)	FEWFM-32
7. T. Ahmed (MUST, Mirpur)	CBGP-47	7. H. Mannan (SAU, Tandojam)	ENT-57	7. N. Shoaib (UK, Karachi)	FEWFM-46
8. A. Munawar (CUVAS, Bahawalpur)	CBGP-48	8. A.A. Sarki (US, Jamshoro)	ENT-58	8. S. Ali (SBBUVAS, Sakrand)	FEWFM-66
9. A.A. Latif (LCWU, Lahore)	CBGP-49	9. A.A. Khaliq (US, Jamshoro)	ENT-59	9. S.A. Minhas (UAJK, Muzaffarabad)	FEWFM-78
10. S.S. Hussain (SALU, Khairpur)	CBGP-50	10. A.M. Shaikh (GCU, Hyderabad)	ENT-60	10. G. Rabbani (UP, Lahore)	FEWFM-91
11. F. Ishfaq (UAJK, Muzaffarabad)	CBGP-51	11. N. Baloch (US, Jamshoro)	ENT-61	11. K. Ahmed (UP, Lahore)	FEWFM-92
12. S.N. Panhwar (SAU, China)	CBGP-52	12. S.A. Larik (SALU, Khairpur Mirs)	ENT-62	12. K. Sahar (HBP, Islamabad)	FEWFM-93
13. M. Bibi (UAJK, Muzaffarabad)	CBGP-53	13. M.A. Mahar (SALU, Khairpur Mirs)	ENT-64	13. A. Marium (GSCWU, Bahawalpur)	FEWFM-94
14. S. Sehar (UoL, Lahore)	CBGP-54	14. S. Soomro (US, Jamshoro)	ENT-65	14. M. Hanif (UP, Lahore)	FEWFM-95
15. M. Ijaz (UVAS, Lahore)	CBGP-55	15. S. Suhriani (SALU, Khairpur Mirs)	ENT-66	15. M. Waqas (UE, Lahore)	FEWFM-96
16. N. Muhammad (GCU, Lahore)	CBGP-59			16. Q.A. Shabbir (CISS-AJK)	FEWFM-97
17. S. Ameer (NIAB, Faisalabad)	CBGP-62			17. S. Riaz (UK, Karachi)	FEWFM-98
11:45 AM - TEA BREAK					

12:00 NOON - HALL-1	12:00 NOON - HALL-2	12:00 NOON - HALL-3
<p align="center">SECTION 1 CELL BIOLOGY, MOLECULAR BIOLOGY, GENETICS, PHYSIOLOGY, TOXICOLOGY, VIROLOGY SESSION 5 Chairperson: Dr. Muhammad Khan Co-Chairperson: Dr. Beenish Shahid</p>	<p align="center">SECTION III ENTOMOLOGY SESSION 5 Chairperson: Dr. Abdul Manan Shaikh Co-Chairperson: Dr. Nadir Ali Shah</p>	<p align="center">SECTION V FISHERIES, ECOLOGY, WILDLIFE, FRESHWATER BIOLOGY, MARINE BIOLOGY SESSION 5 Chairperson: Prof. Dr. Zulfiqar Ali Co-Chairperson: Dr. Nasra Ashraf</p>
<ol style="list-style-type: none"> M.U. Laghari (US, Jamshoro) CBGP-63 S. Younas (GCU, Lahore) CBGP-65 Shiza (GCU, Lahore) CBGP-69 A. Rehman (UP, Lahore) CBGP-70 K. Ashiq (CUVAS, Bahawalpur) CBGP-71 I. Zulfiqar (CUVAS, Bahawalpur) CBGP-72 S. Hussain (US, Swabi) CBGP-73 K. Malik (UP, Lahore) CBGP-74 F. Tabssum (UE, Lahore) CBGP-75 A. Fatima (UK, Karachi) CBGP-76 S. Naz (LCWU, Lahore) CBGP-77 D.A. Solangi (LUMHS, Jamshoro) CBGP-78 Z.H. Soomro (CH, Karachi) CBGP-79 S.G.Ali (QU, Islamabad) CBGP-80 D. Saood (AWKU, Mardan) CBGP-81 M. Ihsan (UAJK, Muzaffarabad) CBGP-82 S. Imtiaz (UAJK, Muzaffarabad) CBGP-83 	<ol style="list-style-type: none"> S.R. Soomro (SALU, Khairpur Mirs) ENT-67 H. Mannan (SAU, Tandojam) ENT-68 F. Asif (UAJK, Muzaffarabad) ENT-69 H. Sajjad (SALU, Khairpur) ENT-70 M. Summer (GCU, Lahore) ENT-71 N. Ehsan (UA, Faisalabad) ENT-72 S.M. Usamma (GCU, Hyderabad) ENT-73 M.A. Sahito (GCU, Hyderabad) ENT-74 B. Mal (GCU, Hyderabad) ENT-75 V. Kumar (GCU, Hyderabad) ENT-76 A. Solangi (GCU, Hyderabad) ENT-77 A. Waheed (GCU, Hyderabad) ENT-78 A. Ayaz (GCU, Hyderabad) ENT-79 T.J. Ursani (US, Jamshoro) ENT-80 A.M. Sabir (RRI, Kala Shah Kaku) ENT-81 	<ol style="list-style-type: none"> S. Batool (IUB, Bahawalpur) FEWFM-49 S. Khalid (UAJK, Muzaffarabad) FEWFM-51 A. Safdar (UP, Lahore) FEWFM-52 A.S. Khan (UP, Lahore) FEWFM-53 B. Sabahat (UP, Lahore) FEWFM-54 M.S. Hassan (UP, Lahore) FEWFM-56 R. Ahmad (LCWU, Lahore) FEWFM-57 M. Tanveer (UP, Lahore) FEWFM-58 A. Kakar (UB, Quetta) FEWFM-59 K. Mehmood (UK, Kotli) FEWFM-60 I. Ahmed (NARC, Islamabad) FEWFM-61 S. Ali (UAJK, Muzaffarabad) FEWFM-62 L.A. Khan (UAJK, Muzaffarabad) FEWFM-63 F. Bari (UC, Chitral) FEWFM-64
01:30 PM LUNCH BREAK (ZUHAR)		
02:00 PM - HALL-1	02:00 PM - HALL-2	02:00 PM - HALL-3
<p align="center">SECTION 1 CELL BIOLOGY, MOLECULAR BIOLOGY, GENETICS, PHYSIOLOGY, TOXICOLOGY, VIROLOGY SESSION 6 Chairperson: Dr. Muhammad Akhtar Ali Co-Chairperson: Dr. Ansar Ahmed Abbasi</p>	<p align="center">SECTION II PESTS AND PEST CONTROL SESSION 1 Chairperson: Prof. Dr. Tahira Jabeen Ursani Co-Chairperson: Dr. Waheed Ali Panhwar</p>	<p align="center">SECTION V FISHERIES, ECOLOGY, WILDLIFE, FRESHWATER BIOLOGY, MARINE BIOLOGY SESSION 6 Chairperson: Prof. Dr. Nuzhat Shafi Co-Chairperson: Dr. Riaz Aziz Minhas</p>
<ol style="list-style-type: none"> R. Komal (UAJK, Muzaffarabad) CBGP-84 N. Fatima (GCU, Hyderabad) CBGP-85 A. Sadq (GCU, Hyderabad) CBGP-86 K. Ansari (GCU, Hyderabad) CBGP-87 Mahnnoor (GCU, Hyderabad) CBGP-88 Hafsa (GCU, Hyderabad) CBGP-89 G. Fatima (GCU, Hyderabad) CBGP-90 Faiza (GCU, Hyderabad) CBGP-91 E. Aqeel (GCU, Hyderabad) CBGP-92 A. Kumar (GCU, Hyderabad) CBGP-93 N. Irfan (NIAB-C PIEAS, Faisalabad) CBGP-94 N. Suleman (KFUEIT, RYK) CBGP-95 M.U. Mazhar (NIAB, Faisalabad) CBGP-96 B. Shahid (UAJK, Muzaffarabad) CBGP-97 A. Ullah (US, Swabi) CBGP-98 M. Aftab (VU, Pak) CBGP-99 I. Uddin (SBBUVAS, Sakrand) CBGP-101 	<ol style="list-style-type: none"> K.H. Dhilloo (SAU, Tandojam) PC-1 A. Lashari (SAU, Tandojam) PC-2 M.Z. Majeed (US, Sargodha) PC-3 Z.A. Abro (US, Jamshoro) PC-4 A. Amur (GCU, Hyderabad) PC-5 I. Khan (NIFA, Peshawar) PC-6 N. Bano (MNSUA, Multan) PC-7 A. Hamid (CUVAS, Bahawalpur) PC-8 S. Tariq (CUVAS, Bahawalpur) PC-9 F. Syed (CUVAS, Bahawalpur) PC-10 F. Anum (US, Jamshoro) PC-11 N. Bhangar (US, Jamshoro) PC-12 F. Abbasi (US, Jamshoro) PC-13 M. Ali (US, Jamshoro) PC-14 M.M. Jakhriani (US, Jamshoro) PC-15 S.U. Mahmood (GAS, China) PC-16 M.S.Q. Zaman (MNSUA, Multan) PC-17 	<ol style="list-style-type: none"> T. Iftikhar (WUAIK, Bagh) FEWFM-67 M. Siddique (LGU, Lahore) FEWFM-68 M. Tahir (UA, Faisalabad) FEWFM-69 W. Mustfa (UA, Faisalabad) FEWFM-70 A. Habib (UP, Lahore) FEWFM-71 S. Aslam (AAU, Rawalpindi) FEWFM-72 F. Jabeen (AAU, Rawalpindi) FEWFM-73 N. Ghafoor (UA, Faisalabad) FEWFM-74 B.A. Bughio (US, Jamshoro) FEWFM-79 W. Shaikh (UK, Karachi) FEWFM-90 A. Rehman (CISS, AJK) FEWFM-99 U. Sajjad (UP, Rawalakot) FEWFM-100 A. Naseer (UP, Lahore) FEWFM-101 M. Imran (UP, Lahore) FEWFM-102 M. Ain (UK, Karachi) FEWFM-103
04:30 PM TEA BREAK AND PRAYER BREAK (ASAR)		

05:00 PM - HALL-1		05:00 PM - HALL-2		05:00 PM - HALL-3	
<p align="center">SECTION I CELL BIOLOGY, MOLECULAR BIOLOGY, GENETICS, PHYSIOLOGY, TOXICOLOGY, VIROLOGY SESSION 7 Chairperson: Dr. Bushra Muneer Co-Chairperson: Dr. Zahid Latif</p>		<p align="center">SECTION I CELL BIOLOGY, MOLECULAR BIOLOGY, GENETICS, PHYSIOLOGY, TOXICOLOGY, VIROLOGY SESSION 8 Chairperson: Dr. Bibi Naazia Murtaza Co-Chairperson: Dr. Iram Liaqat</p>		<p align="center">SECTION IV PARASITOLOGY SESSION 1 Chairperson: Prof. Dr. Mian Syed Khan Co-Chairperson: Dr. Suleman</p>	
1. A. Beenash (WUAIK, Bagh)	CBGP-102	1. R. Tahir (UK, Karachi)	CBGP-119	1. A.S. Hulio (US, Jamshoro)	PAR-1
2. B. Younis (WUAIK, Bagh)	CBGP-103	2. S. Ghayyur (HU, Mansehra)	CBGP-120	2. B. Soomro (GCU, Hyderabad)	PAR-2
3. U. Farooq (IUB, Bahawalpur)	CBGP-104	3. W. Naz (HU, Mansehra)	CBGP-121	3. S.F.A. Shah (UVAS, Lahore)	PAR-3
4. M.H. Lashari (IUB, Bahawalpur)	CBGP-105	4. M. Nadeem (CUVAS, Bahawalpur)	CBGP-122	4. M. Munir (UVAS, Lahore)	PAR-4
5. T. Almas (UAIK, Muzaffarabad)	CBGP-106	5. T. Nauroze (UE, Lahore)	CBGP-123	5. Jemi (US, Jamshoro)	PAR-5
6. A. Manzoor (UA, Faisalabad)	CBGP-107	6. G. Maryum (CUVAS, Bahawalpur)	CBGP-124	6. S. Ullah (MNSUA, Multan)	PAR-6
7. M. Tariq (UA, Faisalabad)	CBGP-108	7. M. Ahmad (CUVAS, Bahawalpur)	CBGP-125	7. K.H. Buriro (GDC, Daulatpur)	PAR-7
8. A. Tahir (UA, Faisalabad)	CBGP-109	8. M. Toufiq (CUVAS, Bahawalpur)	CBGP-126	8. M. Khan (US, Swabi)	PAR-8
9. R. Iqbal (BZU, Multan)	CBGP-110	9. A. Batool (CUVAS, Bahawalpur)	CBGP-127	9. T. Fatima (SALU, Khairpur)	PAR-9
10. S.A. Raja (CUI, Islamabad)	CBGP-111	10. M. Abrar (UoL, Lahore)	CBGP-128	10. S.S. Bukhari (WUAIK, Bagh)	PAR-10
11. F. Bashir (LCWU, Lahore)	CBGP-112	11. I. Ismail (UoL, Lahore)	CBGP-129	11. M. Farman (UK, Karachi)	PAR-11
12. S. Naz (LCWU, Lahore)	CBGP-113	12. S. Ashraf (UoL, Lahore)	CBGP-130	12. M. Hussain (NARC, Islamabad)	PAR-12
13. N. Ali (US, Swabi)	CBGP-114	13. S. Amjad (LGU, Lahore)	CBGP-131	13. T. Leghari (US, Jamshoro)	PAR-13
14. A. Waheed (US, Swabi)	CBGP-115	14. A. Fatima (GCU, Lahore)	CBGP-132	14. A. Khan (PARC, Karachi)	PAR-14
15. A. Fatima (VU, Pak)	CBGP-116	15. M. Hammad (GCU, Lahore)	CBGP-133	15. S.N. Das (US, Jamshoro)	PAR-15
16. S.A. Memon (GCU, Hyderabad)	CBGP-117	16. A. Akbar (UA, Faisalabad)	CBGP-134	16. D. Saood (AWKU, Mardan)	PAR-16
17. S. Soomro (GCU, Hyderabad)	CBGP-118	17. M.U. Ijaz (UA, Faisalabad)	CBGP-135		
08:00 PM GENERAL BODY MEETING					
08:30 PM DINNER/ CULTURE NIGHT					

09:00 AM, JOINT SESSION III: PLENARY LECTURES

CHAIRPERSON: Prof. Dr. Muhammad Afzal

CO-CHAIRPERSON: Mr. Abdul Aziz Khan

1. **Abdul Aziz Khan**, Pakistan Agricultural Research Council, Islamabad
Deterioration Impacts of Indian Crested Porcupine, *Hystrix Indica* on Forest Plantations of Pakistan
2. **Javed Iqbal Qazi**, Institute of Zoology, University of the Punjab, Lahore
Influences of Different Fruit Peels and Spices on the Efficacy of Antibiotics and Antidiabetic Drugs: In Vitro Approaches.

10:30 AM - HALL-1		10:30 AM - HALL-2		10:30 AM - HALL-3	
<p>SECTION I CELL BIOLOGY, MOLECULAR BIOLOGY, GENETICS, PHYSIOLOGY, TOXICOLOGY, VIROLOGY SESSION 9 Chairperson: Dr. Irfan Zia Qureshi Co-Chairperson: Dr. Dil Ara Abbas Bukhari</p>		<p>SECTION II PESTS AND PEST CONTROL SESSION 2 Chairperson: Dr. Inamullah Khan Co-Chairperson: Dr. Mansoor Ali Shah</p>		<p>SECTION V FISHERIES, ECOLOGY, WILDLIFE, FRESHWATER BIOLOGY, MARINE BIOLOGY SESSION 7: Chairperson: Dr. Zaib-un-Nisa Burhan Co-Chairperson: Dr. M. Younas Leghari</p>	
1. M.F. Hayat (UA, Faisalabad)	CBGP-136	1. M. Ishtiaq (MNSUA, Multan)	PC-18	1. F. Naz (UK, Karachi)	FEWFM-44
2. S.S. Zahara (UA, Faisalabad)	CBGP-137	2. M. Salman (NIFA, Peshawar)	PC-19	2. Z. B. Mirza (IWMB, Islamabad)	FEWFM-50
3. M. Khalil (UA, Faisalabad)	CBGP-138	3. N. Nazir (UP, Rawalakot)	PC-20	3. M. Tanveer (UP, Lahore)	FEWFM-55
4. N. Ghafoor (UA, Faisalabad)	CBGP-139	4. H.A. Sajjad (MNSUA, Multan)	PC-21	4. I. Laraib (UoL, Lahore)	FEWFM-65
5. R. Azmat (UA, Faisalabad)	CBGP-140	5. M. Ahmad (MNSUA, Multan)	PC-22	5. R.G. Mustafa (UAJK, Muzaffarabad)	FEWFM-75
6. M.Z. Salar (UA, Faisalabad)	CBGP-141	6. M. Ashfaq (MNSUA, Multan)	PC-23	6. A. Hameed (UAJK, Muzaffarabad)	FEWFM-76
7. Z. Manzoor (UA, Faisalabad)	CBGP-142	7. M. Aizaz (MNSUA, Multan)	PC-24	7. A. Farooq (UAJK, Muzaffarabad)	FEWFM-77
8. R. Eman (UA, Faisalabad)	CBGP-143	8. J.L. Khan (DPP, Karachi)	PC-25	8. S. Ali (IWMB, Islamabad)	FEWFM-80
9. G. Mustafa (UA, Faisalabad)	CBGP-144	9. U. Sharif (MNSUA, Multan)	PC-26	9. M. Saeed (IWMB, Islamabad)	FEWFM-81
10. M.M. Jalal (UA, Faisalabad)	CBGP-145	10. A. Khalid (MNSUA, Multan)	PC-27	10. Z. Ali (IWMB, Islamabad)	FEWFM-82
11. QA Sattar (UA, Faisalabad)	CBGP-146	11. I. Saif (CUVAS, Bahawalpur)	PC-28	11. S. Khanam (UK, Karachi)	FEWFM-83
12. M. Jameel (UA, Faisalabad)	CBGP-147	12. I. Maryyam (MNSUA, Multan)	PC-29	12. S. Haider (MNSUA, Multan)	FEWFM-84
13. S.A.Zainab (SALU, Khairpur)	CBGP-148	13. A. Hameed (MRI, Multan)	PC-30	13. U. Jamil (UP, Lahore)	FEWFM-85
14. A. Rani (UAJK, Muzaffarabad)	CBGP-149	14. K. Azam (MNSUA, Multan)	PC-31	14. U. Ahmad (UP, Lahore)	FEWFM-86
15. D.S. Tahir (NJC, Rabwah)	CBGP-150	15. H. Hira UA, Faisalabad)	PC-32	15. A. Abid (PMASAAU, Rawalpindi)	FEWFM-87
16. Faiza (GCU, Lahore)	CBGP-151	16. M.A. Shah (US, Jamshoro)	PC-33	16. F. Ahmed (CFPC)	FEWFM-88
				17. H. Amin (NFU, China)	FEWFM-89
11:45 AM - TEA BREAK					

12:00 NOON - HALL-1		12:00 NOON - HALL-2		
SECTION I CELL BIOLOGY, MOLECULAR BIOLOGY, GENETICS, PHYSIOLOGY, TOXICOLOGY, VIROLOGY SESSION 10 Chairperson: Dr. Saiqa Andleeb Co-Chairperson: Dr. Shaukat Ali		SECTION I CELL BIOLOGY, MOLECULAR BIOLOGY, GENETICS, PHYSIOLOGY, TOXICOLOGY, VIROLOGY SESSION 11 Chairperson: Prof. Dr. Javed Iqbal Qazi Co-Chairperson: Dr. Munawar Saleem Ahmad		
1. T. Naveed (GCU, Lahore)	CBGP-152	1. A. Shehzadi (UE, Lahore)	CBGP-168	
2. A. Naveen (UP, Lahore)	CBGP-153	2. S. Mushtaq (UP, Lahore)	CBGP-169	
3. F. Bakhtawar (UP, Lahore)	CBGP-154	3. M. Khalid (WUAIJK, Bagh)	CBGP-170	
4. I. Babar (GCU, Hyderabad)	CBGP-155	4. Madeeha (US, Swat)	CBGP-171	
5. R. M. Tariq, (UK, Karachi)	CBGP-156	5. F. Channa (US, Jamshoro)	CBGP-172	
6. R. Shereen (QU, Islamabad)	CBGP-157	6. A.Z. Jamshoro (UVAS, Lahore)	CBGP-173	
7. A. Rafique (CISS-AJK, Muzaffarabad)	CBGP-158	7. S. Mumtaz (WUAIJK, Bagh)	CBGP-174	
8. U.A. Awan (NUMS, Islamabad)	CBGP-159	8. A. Bibi (WU, Multan)	CBGP-175	
9. M. Awais (US, Sargodha)	CBGP-160	9. S. Shahnawaz (WU, Multan)	CBGP-176	
10. M.I. Khan (QU, Islamabad)	CBGP-161	10. D. Asghar (WU, Multan)	CBGP-177	
11. S. Khan (QU, Islamabad)	CBGP-162	11. Q. Ain (WU, Multan)	CBGP-178	
12. T. Ahmed (QU, Islamabad)	CBGP-163	12. S. Miraj (WU, Multan)	CBGP-179	
13. K. Zubaida (US, Jamshoro)	CBGP-164	13. S. Altaf (WU, Multan)	CBGP-180	
14. M.K. Ali (UP, Rawalakot)	CBGP-165	14. A. Rabbani (WU, Multan)	CBGP-181	
15. S. Khurshid (UP, Rawalakot)	CBGP-166	15. M. Fayyaz (GCU, Lahore)	CBGP-182	
16. S. Zulfiqar (UP, Lahore)	CBGP-167	16. G.M.A. Ghani (DG Khan)	CBGP-183	
02:00 PM LUNCH BREAK (ZUHAR)				

03:00 PM CONCLUDING CEREMONY	
03:00 PM	Recitation
03:05 PM	Congress Report by President, ZSP
03:15 PM	Award Ceremony
03:45 PM	Concluding Remarks by the Chief Guest
03:55 PM	Vote of Thanks
04:00 PM REFRESHMENT	