

# Aneela Yasmeen

## Research Officer cum Lecturer

Centre of Excellence in Molecular Biology (CEMB)  
University of the Punjab, Lahore. Pakistan

## Founder & General Secretary

Gull's Association-Pakistan

---

---

□ [Aneela.yasmeen@cemb.edu.pk](mailto:Aneela.yasmeen@cemb.edu.pk) ; [anila.malik5@gmail.com](mailto:anila.malik5@gmail.com); [gullsbk@gmail.com](mailto:gullsbk@gmail.com);

□ +92 334 7609019

Postal Address: Centre of Excellence in Molecular Biology, 87-West Canal Bank Road, Thokar Niaz, Baig, Lahore-53700, Pakistan.

---

---

## Personal Details

- D.O.B: June 06, 1986
- CNIC: 38101-9448862-6
- Nationality: Pakistani
- Marital Status: Single

## Present Positions

- **Research Officer cum Lecturer (BPS 18)**; Centre of Excellence in Molecular Biology (CEMB); University of the Punjab, Lahore. Pakistan (January 2009 till date)
- **Founder & General Secretary**; Gull's Association-Pakistan
- **Focal Person Hostel Affairs**, Centre of Excellence in Molecular Biology, University of the Punjab, Lahore (October 2015 till date)
- **Events Coordinator**; Congress of Molecular Biology (CMB)

## Past Position

- **Research Officer (BPS 17)**; Centre of Excellence in Molecular Biology (CEMB); University of the Punjab, Lahore. Pakistan (April 2008-December 2009)
- **Assistant Superintendent** of Girls Hostel No.05, Punjab University Lahore (Feb 2010-Sep 2019)
- **Member Journal Club** (Feb 2011-Feb 2019)

## External Examiner

- **External examiner** for viva voce exams 2017 at Institute of Biochemistry and Biotechnology, University of the Punjab, Lahore

## Academic Qualification

- **PhD Scholar** (2015 –till date): CEMB, University of the Punjab, Lahore  
(**Course work CGPA 3.70/4**)  
Research in Progress
- **Mevlana Exchange Scholarship**: Graduate School of Natural and Applied Sciences,  
Nigde Halisdemir University, Turkey  
**General Academic AA (4.0)**
- **MPhil** (2012-14): University of the Punjab, Lahore: **Division: 1<sup>st</sup>**  
*Thesis Title: "Transformation of Cotton (*Gossypium hirsutum*) with Amplicon Based Small Interfering RNA Targeting CLCuV"*

- **MSc(2007):** University of the Punjab, Lahore: **Division: 1<sup>st</sup>**  
*Thesis Title:* Construction and standardization of glucose oxidase based visual test strip for estimation of serum glucose level.”
- **BSc (2005):** University of the Punjab, Lahore: **Division: 1<sup>st</sup>**
- **HSSC (2003)** BISE, Sargodha: **Division: 1<sup>st</sup>**
- **SSC (2000)** BISE, Sargodha: **Division: 1<sup>st</sup>**

### International Research Work Experience

- Oct. 2017-Feb. 2018: Mevalana Exchange Scholar , Omer Halisdemir Univeristy, Nigde, Turkey

### Grants

- Heath security partners (HSP) funding of worth 6234.66 US\$ for project “Training program for best practices of biological waste management in laboratories” (2018)

### Honors/Awards/Scholarships

- **Letter of Appreciation** by ORIC Punjab University for organizing CEMB Technology Stall at 7<sup>th</sup> invention to innovation summit (2018)
- **Mevlana Exchange Scholarship**, Omer Halisdemir University, Nigde, Turkey (2017-18)
- **Letter of Appreciation** by Director CEMB on organizing 2<sup>nd</sup> International Symposium on Advances in Molecular Biology of Plants and Health Sciences, held at CEMB, 20-23, November 2017
- **Letter of Appreciation** by Muhammad Nawaz Sharif University of Agriculture, Multan for organizing Biosaftey training workshop for young scientists at university (2015)
- **First Position in** Coral Draw and Graphic designing Course (2014)
- **First position in** Communication Skills Development Course (2011)
- Obtained 81 marks in GAT General (2009)
- **First position** in B. Sc at district level in Bhakkar (2005)
- **Certificate of Full attendance** in Matriculation. (1999)

### Trainings/Courses

- Biosafety: Train the Trainer Workshop (ToT) workshop held at Islamabad (26-30th March, 2018)
- International Workshop on Genomics and Genome Editing held at FCU (May 24-27, 2016)
- Web and Graphic Designing securing A Grade from Institute of Geology, University of the Punjab, Lahore (24 February to 22 April 2014).
- Training on Leica Microsystems on cytovision system for FISH and Karyotyping by Medilaser (December 26-30, 2011)

### Skills:

#### Scientific Skills:

- Plant Transformation
- DNA Extraction
- Gel Electrophoresis & Gel Documentation
- Polymerase chain reaction (PCR)
- Streaking, Spreading, Cell Culturing
- Glycerol Stock formation

- Western Blotting
- Fluorescent Microscope

### **Computer Skills**

- MS Office (Word, Power Point, Excel)
- Office automation (email and Internet Browsing and Surfing)
- Graphic designing (Coral Draw, Flash 5, Photoshop)

### **Volunteer Work**

- Founder, Gull's Association Pakistan
- Event Manager, Congress of Molecular Biology (Since May 2016 till date)
- Vice President, NAYS Pakistan (Since January 2016 till September 2016)
- Member, Journal Club CEMB (since January 2012 till date)
- Executive Committee Member, NAYS Pakistan (April 2014 till September 2016)
- Project Coordinator, S4Y NAYS (since April 2015 till September 2016)
- Founding Member Islamic Young Scientists Academy (IYSA)
- NAYS Events Coordinator (Since July 2011 till September 2016)
- Editor in Chief NAYS e-Newsletter (since October 2011 till April 2014)
- Advisory Board Member NAYS S4Y Project (Since July 2012 till September 2016)
- Project Coordinator, S4Y NAYS (since May 2011 till July 2012)
- Editor NAYS e-Magazine (Since October 2012 till September 2016)
- Chief Editor NAYS E-bulletin (since October 2010 till October 2011)
- Sub Editor NAYS Newsletter (since August 2010 till October 2011)

### **Skills**

#### **Scientific Skills:**

- Plant Transformation
- DNA Extraction
- Gel Electrophoresis & Gel Documentation
- Polymerase Chain Reaction (PCR)
- Fluorescent Microscope

#### **Computer Skills**

- MS Office (Word, Power Point, Excel)
- Office automation (email and Internet Browsing and Surfing)
- Graphic designing (Coral Draw, Flash 5, Photoshop)

### **Memberships**

- American Society for Microbiology
- Pakistan Biological Safety Association

### **Conferences/Seminar/Workshops Participated**

#### **Participation**

#### **Resource Person**

1. One Day workshop on Developing Lab Biosafety Culture organized by Gull's Association

Pakistan in collaboration with Pakistan Scientific and Technological Information Centre (PASTIC), Peshawar at Islamia College University Peshawar November 19, 2018

### Oral Presenter

1. 3rd international symposium on advances in Molecular Biology of Plants and Health Sciences held at CEMB on December 19-21, 2018. Presented my talk entitled Outreach training programs are significantly increasing the awareness among researchers and health professionals towards Lab Biosafety in Punjab, Pakistan
2. International conference on Plant sciences held at GC University Lahore on December 5-8, 2018. Presented my talk entitled Genetic engineering endeavors in potato (*solanum tuberosum* L.) to enhance tolerance against abiotic and biotic stresses

### Participant

1. Online lecture on “four phases of biological risk mitigation” by Saun Kaufman on February 01, 2019
2. Global Young Scientists Summit 2019 held in Nanyang Technology University, Singapore on January 20-25, 2019
3. A two-day workshop on Plant Biotechnology for Food Security, FC University, Lahore on November 27-28, 2018
4. Workshop on Scientific writing and Publishing at Department of Immunology, University of Health Sciences, Lahore on November 20, 2018
5. One Day Workshop on Protein Structure Analysis & Computer Aided Drug Designing” at Centre of Excellence in Molecular Biology, University of the Punjab, Lahore On September 28, 2018
6. Seminar on Risk assessment of GM crops organized by CEMB in collaboration with Gull’s Association Pakistan and American society of Plant Biologists (ASPB) at CEMB on July 20, 2018
7. Participated in 7<sup>th</sup> invention to Innovation Summit, held at UGB-University of the Punjab (March 07-08, 2018)
8. Participated in 6<sup>th</sup> invention to Innovation Summit, held at UGB-University of the Punjab (March 02-03, 2017)
9. Participated in 5<sup>th</sup> invention to Innovation Summit, held at UGB-University of the Punjab (March 02-03, 2016)
10. Participated in 5<sup>th</sup> International /10<sup>th</sup> Biennial conference of Plant phytopathological society held at Department of Mycology and Plant Pathology, University of the Punjab, Lahore, Pakistan. (November 23-25, 2015)
11. Participated in 3 days International Workshop on “Omics of Begomoviruses and its impact on National Economy” held at ASAB-NUST (March 25-27, 2015)
12. Participated in 3 days International conference on “Stress biology and Biotechnology: challenges and management” held at Institute of agricultural sciences, University of the Punjab, Lahore (May 21-23, 2014)
13. Participated in one day “Seminar on Science Communication and Challenge” held at COMSATS (April 08, 2014)
14. Participated in 4 days workshop on “Molecular Biosciences –Challenges and Opportunities” in SBS, University of the Punjab on (November 25-28, 2013)

15. Participated in 3 day workshop on “Applications of Modern Biotechnology in Muslim Countries– Specific Issues and Challenges” held at COMSTECH Islamabad (February 27-29, 2012)
16. Participated in one day workshop on “Fluorescent Microscopy: Introduction and Applications” held at Microbiology and Molecular Genetics department, University of The Punjab, Lahore on (September 24, 2011).
17. Participated in one-day open seminar on “Dengue Fever “held at Microbiology and Molecular Genetics department, University of The Punjab, Lahore (September 21, 2011)
18. Participated in workshop on “Ethical Issues related to work on Stem Cells” (2009)
19. Participated in International Symposium Future trends in Molecular Biological Research & It’s Applications in Agriculture and Health at CEMB University of Punjab Pakistan (March 2009).
20. Participated in A Symposium on Present status and Future trends in Molecular Biology Organized by the Center of Excellence in Molecular Biology and Centre for Applied Molecular Biology, University of the Punjab, Lahore, Pakistan. (March, 25-28, 2009)
21. Participated in 3<sup>rd</sup> International conference on Plant Pathology and 7<sup>th</sup> Biennial meeting of phyto pathological society held at Department of Mycology and Plant Pathology, University of the Punjab, Lahore, Pakistan. (November 19-21, 2007)
22. Participated A workshop on Biochemical and Fermenter Applications held at Institute of Biochemistry and Biotechnology, University of the Punjab, Lahore, Pakistan (August 19, 2006)

### **Conferences/Seminar/Workshops Organized**

1. International conference on Recent Innovations in Molecular Sciecnes (ICPU) 2019 held at University of the Punjab, Lahore on Nov 07-09, 2019
2. Two-day Hands on Training Workshop on CRISPR/Cas Genome editing Technology organized by CEMB at CEMB on April 29-30 21-22, 2019
3. Training on Incineration and other waste treatment methods organized by Gull’s Association Pakistan in collaboration with Health Security Partners and CEMB at CEMB on February 21-22, 2019
4. Training on Biological Waste Management for Housekeeping Staff organized by Gull’s Association Pakistan in collaboration with Health Security Partners and CEMB at CEMB on February 20, 2019
5. 3rd international symposium on advances in Molecular Biology of Plants and Health Sciences organized by Centre of Excellence in Molecular Biology (CEMB) held at CEMB on December 19-21, 2018.
6. Training on Biological Waste Management and Emergency Response Procedures organized by Gull’s Association Pakistan in collaboration with Health Security Partners and CEMB at CEMB on October 11-12, 2018
7. An Awareness cum Workshop on Biological Waste Management organized by Gull’s Association Pakistan in collaboration with Health Security Partners and CEMB held at CEMB on October 9-10, 2018
8. 3 days workshop on “Dual Use of Research Concerns (DURC)” organized by CEMB in collaboration with Health security partners and Gull’s Association Pakistan held at CEMB

- on July 16-18, 2018.
9. One day Workshop on Behavior management strategies held at University of Gujrat, May 11, 2018
  10. 2<sup>nd</sup> International Symposium on Advances in Molecular Biology of Plants and Health Sciences, held at CEMB, 20-23, November 2017
  11. One Day training workshop on Behavioral biosafety training workshop organized by CEMB in collaboration of Congress of molecular Biology and Gulls Association Pakistan held at CEMB on August 23, 2017
  12. One Day Seminar on "Communication & Negotiation Interlock" organized by CEMB in collaboration of Congress of molecular Biology and Gulls Association Pakistan held at CEMB on April 25, 2017
  13. Workshop on "Pak-China Young Scientists Exchange Programme" held at CEMB on April 21, 2017
  14. International Training Workshop On Microarray for Gene Expression held at CEMB on February 14, 2017
  15. Five days Training course to equip brother Islamic countries with advance technology entitled "Planning of cotton production, land preparation, weed control, pest and disease control and harvesting held at CEMB, December 12-16, 2016
  16. Awareness Seminar on Awareness Seminar Lungs and Bronchial Diseases held at CEMB Nov 17, 2016
  17. One Day workshop entitled "A day with Biosafety" held at CEMB, October 20, 2016
  18. Breast Cancer Awareness Seminar held at CEMB, October 03, 2016
  19. An Awareness Seminar on Congo Virus held at CEMB, September 05, 2016
  20. National Workshop on CRISPR /Cas9 Genome Editing Technology held at CEMB, June 02, 2016
  21. Hands on Training Workshop on Advanced Presentations Skills held at Institute of Agricultural Sciences, University of the Punjab, Lahore. May 19, 2016
  22. "Biosafety Training Workshop for Young Scientists" arranged at AMK Campus Mardan, KP-Agriculture University, Peshawar on May 11, 2016
  23. "Biosafety Training Workshop for Young Scientists" arranged at IBGE, KP-Agriculture University, Peshawar on May 10, 2016
  24. PSF Workshop on Establishing and Leading Research Lab held at COMSATS Institute of Information Technology, Lahore on May 02-03, 2016
  25. National Workshop on Career Development held at Institute of Agricultural Sciences, University of the Punjab, Lahore. April 21, 2016
  26. ICGEB Course on "Basic Biotechnology Techniques" held at Dow University of Medical and Health Sciences (DUHS), Karachi on March 28-30, 2016 Pakistan
  27. ICGEB Course on "Basic Biotechnology Techniques" held at National Institute of Biotechnology and Genetic Engineering (NIBE), Faisalabad, March 15-17, 2016
  28. ICGEB Course on "Basic Biotechnology Techniques" held at Center of Excellence in Molecular Biology (CEMB), University of the Punjab, Lahore on march 07-09, 2016
  29. ICGEB Course on "Basic Biotechnology Techniques" held at Atta-Ur-Rehman School of Biological Sciences, National University of Science and Technology (NUST), Islamabad on February 23-25, 2016

30. Cancer Awareness Seminar held at CEMB, February 26, 2016
31. International Symposium on Advances in Molecular Biology of Plants and Health Sciences, held at CEMB, 29-31 December 2016
32. Hands on Training Workshop on Publishing Research in High Impact Factor Journals, held at Department of Geology, University of the Punjab on 28 November 2015
33. NAYS Photo Contest 2013 on Scientists Day November 16-18, 2015.
34. Hands on training workshop on “Next generation sequencing data analysis”, held at CEMB, October 14-16, 2015
35. Workshop on “Biosafety Training for Young Scientists” arranged at KP-Agriculture University, Peshawar on 2<sup>nd</sup> September 2015
36. Workshop on “Biosafety Training for Young Scientists” arranged at KP-Agriculture University, Peshawar on 1<sup>st</sup> September 2015
37. Workshop on “Biosafety Training for Young Scientists” arranged at IBB- University of the Punjab, Lahore on 6<sup>th</sup> June 2015
38. Science For Youth Week held across Pakistan from 01-07 May 2015
39. National Science Communication Challenge 2014 held at CEMB, 05-09-2014
40. NAYS Appreciation Awards 2014 at Punjab University, Lahore on 22<sup>nd</sup> February 2014
41. Workshop on “Biosafety Training for Young Scientists” arranged at KP-Agriculture University, Peshawar on 29<sup>th</sup> January 2014
42. Workshop on “Biosafety Training for Young Scientists” arranged at FCU Lahore on 18<sup>th</sup> January 2014
43. Seminar on “Entrepreneurship in Pakistan” held at CEMB on 29<sup>th</sup> November 2013.
44. Knowledge Transfer Workshop on “Chronic Pain Management” held at University of Health Sciences Lahore on 28<sup>th</sup> September 2013
45. NAYS Essay Competition on “Science and Society”
46. Two days’ Workshop on “2<sup>nd</sup> Youth Innovation Workshop” held at University of the Punjab, Lahore on 29-20 August 2013
47. DNA Day Seminar held at Centre of Excellence in Molecular Biology (CEMB), on 25<sup>th</sup> April 2013
48. NAYS Emerging Ideas Conference 2012 held at Centre of Excellence in Molecular Biology (CEMB), on 25<sup>th</sup> April 2013
49. NAYS Science Forum 2013 held at University of Peshawar on 9<sup>th</sup> April 2013
50. Seminar on Understanding Cancer held at Shifa College of Medicine Rawalpindi on 25<sup>th</sup> March 2013.
51. NAYS Photo Contest 2013 on Scientists Day 10<sup>th</sup> March 2013.
52. Gifts Distribution among Cancer Patients held at Children Hospital Lahore on 5<sup>th</sup> February 2013
53. Short Seminar on “Cancer Awareness and Scientists Day Celebrations” held at University of Veterinary Sciences Lahore on 4<sup>th</sup> March 2013
54. Mini Workshop on Young Researchers’ Skill Development held at Lahore College for Women University, Lahore on 28<sup>th</sup> February 2013
55. A Health Awareness Seminar on “Cancer Risk Factors and Treatments” held at University of Peshawar on 4<sup>th</sup> February 2013.
56. Health Awareness Seminar on World Cancer Day held at University of Karachi on 2<sup>nd</sup>

February 2013

57. 5<sup>th</sup> One Day Workshop on Young Researchers' Skills Development held at Agriculture University Faisalabad on 15<sup>th</sup> December 2012
58. Short seminar on "Importance of Patents in Commercialization of Inventions" held at CEMB, University of the Punjab, Lahore on 19<sup>th</sup> October 2012
59. 3 days workshop on "Primer to Recombinant DNA Technology" held at University of Lahore on 14-16 September 2012
60. 2 days Workshop on "First Innovative Workshop" held at University of the Punjab, Lahore on 12-13 August 2012
61. 4<sup>th</sup> One Day Workshop on Young Researchers' Skill Development held at University of Karachi, Karachi on 23<sup>rd</sup> June 2012
62. One day workshop on Basic Bio informatics Skills held at GCUF, Faisalabad on 11<sup>th</sup> April 2012.
63. 3<sup>rd</sup> One Day Workshop on Young Researchers' Skill Development held at KP Agriculture University, Peshawar, KPK on 10<sup>th</sup> March 2012.
64. Emerging Ideas Conference held at University of the Punjab, Lahore on 7<sup>th</sup> January 2012.
65. 2<sup>nd</sup> One Day Workshop on Young Researchers' Skill Development held at University of the Punjab, Lahore on 7<sup>th</sup> January 2012.
66. Endnote Training Workshop held at University of Health Sciences on 24<sup>th</sup> December 2011.
67. One day workshop on Young Researchers' Skill Development held in National University of Sciences and Technology on 26<sup>th</sup> November 2011.
68. "2<sup>nd</sup> Biosafety Training for Young Scientists" organized by NAYS as organizer Held at Shifa College of Medicine, Islamabad on July 28, 2011
69. A workshop on Biosafety Training for Young Scientists organized by NAYS. Held at CRIMM University of Lahore on July 09, 2011

## Publications

### Articles

1. Ayesha Latif, Mukhtar Ahmed, Sidra Akhtar, Ammara Ahad, Adnan Iqbal, Amina Yaqoob, Ayesha Imran, Muhammad Usmaan, Naila Shahid, Saira Azam, **Aneela Yasmeen**, Tahir Rehman Samiullah, Salah ud din, Ambreen Gul, Sana Shakoor, Maria Khawer, Sara Ajmal, Muhammad Azam Ali, Samina Hassan, Mohsin Shad, Sahar Sadaqat, Maira Zahid, Ahmad Ali Shahid, Idrees Ahmad Nasir, Abdul Qayyum Rao and Tayyab Husnain (2019) "Mini-Review Cotton Fibre Quality Management for Sustainable Textile Industry" The ICAC Recorder, September 2019:P22-27
2. Mahrukh Zubair, Ayesha Latif, Abdul Qayyum Rao, Saira Azam, Naila Shahid, Tahir Rehman Samiullah, **Aneela Yasmeen**, Ahmad Ali Shahid, Idrees Ahmad Nasir, Tayyab Husnain (2019) A Combinational Approach of Enhanced Methanol Production and Double Bt Genes for Broad Spectrum Insect Resistance in Transgenic Cotton. *Molecular Biotechnology* <https://doi.org/10.1007/s12033-019-00192-4>
3. Zahida Qamar Z, Muhammad Tariq, Tahir Rehman, Muhammad Shahzad Iqbal, Muhammad Bilal Sarwar, Muhammad Nauman Sharif, Zohaib Hassan, Ayesha Ahmad, Aiman Zahra, Ayesha Latif, Bushra Rashid, Mohsin Abbas Zaidi, Bushra Tabassum, Sameera Hassan, Allah Baksh, Momina Javaid, Sania Akram, Saira Azam, Farah Naz, Shafique Ahmed,



Kamran Shahzad Bajwa, Mudassar Fareed Awan, Naila Shahid, Arfan Ali, Saman Riaz, Bisma Bashir, Kanza Sadiq'Qurat ul Ain Kokab, Iqra Yousaf, Abdul Munim Faroo<sup>1</sup>, Muhammad Aslam Javed, Zia Ur Rahman, Muhammad Zafar Saleem, **Aneela Yasmeen** et al. (2019)Trackable CEMB-Klean Cotton Transgenic Technology: Affordable Climate Neutral Agri-biotech Industrialization for Developing Countries. *Advancements in life sciences* 6:3; pp 131-138

4. Sarbesh Das D, Muhammad N, Mohammad H A, **Aneela Y**, Mehmet Emin C, Allah B. Genetic Engineering of Solanum tuberosum L. to Enhance Resistance Against Abiotic Stresses: A Review. *JOJ scin.* 2018; 1(5): 555571.
5. Ahmad, A.; Zia-Ur-Rehman, M.; Hameed, U.; QayyumRao, A.; Ahad, A.; **Yasmeen, A.**;Akram, F.; Bajwa, K.S.; Scheffler, J.; Nasir, I.A.; Shahid, A.A.; Iqbal, M.J.; Husnain, T.; Haider, M.S.; Brown, J.K. Engineered Disease Resistance in Cotton Using RNA-Interference to Knock down *Cotton leaf curl Kokhran virus*-Burewala and Cotton leaf curl Multan betasatellite Expression. *Viruses* **2017**, 9, 257.doi:[10.3390/v9090257](https://doi.org/10.3390/v9090257)
6. **Yasmeen A.**, Kiani S., Butt A., Rao AQ., Akram F., Ahmad A., Nasir IA., Husnain T., Mansoor S., Amin I., Aftab S., ZibairM.mTahir MN., Akhtar S., Scheffler J., and Scheffler B. (2016) “Amplicon-Based RNA Interference Targeting V2 Gene of CottonLeaf Curl Kokhran Virus-Burewala Strain Can Provide Resistance in Transgenic Cotton Plants” *MolBiotechnol* DOI 10.1007/s12033-016-9980-8
7. Ahmad A., Ashraf S., Fatima A., Shah A., Saleem S., Sheharbano and **Yasmeen A.** (2016) “HIV awareness in Pakistan: A survey based study” *Journal of Coastal Life Medicine*; 4(6): 496-499 doi: 10.12980/jclm.4.2016J5-102
8. Ahmad A., Ahmad A., Raheem A. and **Yasmeen A.** (2015) “Knowledge, Attitude and Practice of Pesticide Handlers in Pakistan.” *Pak J Public Health* 5(2): 17-34
9. Ahmad A., Ashraf S., Raheem A. and **Yasmeen A.** 2014 “Science, Scientists and Economic growth” *Sci. tech. and Dev.* 33 (4):165-168
10. Farhat M, **Yasmeen A**, Ahmad A. 2014. An Overview of Hepatitis B and C in Pakistan. *International Journal of Microbiology and Allied Sciences.* 1(2):98-102
11. Azam S., Samiullah T. R., **Yasmeen A.** Salah ud Din, Iqbal, A.,Rao A. Q., Nasir I A., Rashid B., Shahid A. A., Ahmad, M. and Husnain T.(2013) , Dissemination of Bt cotton in cotton growing belt of Pakistan. *Advancements in life sciences* 1:1; pp 18-26.
12. Khan M. A., **Yasmeen A.**, Jafri S. S., Ahmad A. (2013) “Promoting Scientific Research Culture in Youth through Empirical Inculcation”. *Future of Medical Education Journal*; 3:1; pp26-30

#### Articles in News Papers

1. **Yasmeen A.** Ilyas, M., (2011) “The dream comes true: An interview with Dr. Kamran Azeem, Technology Times, Thematic Edition, 14 August 2011, Page 06

#### Books

1. **Aneela Yasmeen**, SarfrazKiani, and TayyabHusnain Title: Transformations of Cotton with siRNA based construct targeting CLCuD Publisher: LAP Lambert Academic Publishing Co. ISBN: 978-3-659-69851-4 Year: 2015

## Abstracts

### Oral Presentation

1. **Aneela Yasmeen**, Sarbesh Das Dangol, Muhammad Naeem, Mohammad Hussein Azimi, Allah Bakhsh, Mehmet Emin Caliskan (2018) Genetic engineering endeavors in potato (*solanum tuberosum* l.) to enhance tolerance against abiotic and biotic stresses presented at International conference on Plant sciences held at GC University Lahore on December 5-8, 2018.
2. Amina Yaqoob, Ghazala Ali Khan, **Aneela Yasmeen**, (2018) “Outreach training programs are enhancing awareness about lab bio safe culture in Punjab” presented at International symposium on advances in Molecular biology of plants and health sciences, held at CEMB, Lahore on December 19-21, 2018.

### Poster Presentation

1. **Tayyab Husnain**, Felix Wolter, **Aneela Yasmeen**, Sana Shakoob, Sahar Sadaqat, Mujahid Hussain, Maryam Maqsood, Maryam Abid, Momal Maqsood, Ujala Nasir, Sara Ajmal, Maria Khawer, Salah Ud-Din, Bilal Sarwar, Ambreen Gul, Mohsin Shad, Gulzaib Liaqat Ali, Muhammad Usmaan, Saira Azam, Ayesha Latif, Naila Shahid, Tahir Rehman Samiullah, Ahmad Ali Shahid, Idrees Ahmad Nasir, Holger Puchta and Abdul Qayyum Rao (2019) “CRISPR Engineering To Knockdown the Begomoviruses CLCuV and its Insect Vector *Bemisia Tabaci*” presented at Plant and Genome Conference (PAG) Asia 2019 held at Shenzhen China, June 6-8, 2019
2. **Aneela Yasmeen**, Amina Yaqoob, Samra Kousar, Saira Azam, Zunaira Sher, Ghazala Yasmeen “ Outreach Training Programs Are Enhancing Awareness About Lab Bio Safe Culture In Pakistan ” Global Young scientists Summit 2019 held at Nanyang Technology University, Singapore
3. Muhammad Usmaan, Sahar Sadaqat, Mohsin Shad, Ayesha Liaqat, Gulzaib, Mizna, Ayesha Malik, Maira Zahid, Saira Azam, **Aneela Yasmeen**, Abdul Qayyum Rao, Ahmadi Ali Shahid, Tayyab Husnain (2018) “Expression of foreign genes in microalgae” presented at International symposium on advances in Molecular biology of plants and health sciences, held at CEMB, Lahore on December 19-21, 2018.
4. Afshan Butt, Sarfraz Kiani, **Aneela Yasmeen** et al., (2015) Whitefly Resistance in Cotton (*Gossypium hirsutum*) through microRNA against Sx1, AChE and ORC genes presented at International Symposium on Advances in Molecular Biology of Plants and Health Sciences, held at CEMB, 29-31 December 2015
5. **Aneela Yasmeen**, Sarfraz Kiani, Afshan Butt et al (2015) Transformation of Amplicon based RNAi construct in cotton to target begomoviruses presented at International Symposium on Advances in Molecular Biology of Plants and Health Sciences, held at CEMB, 29-31 December 2015

### Conference Papers

## References

- **Prof. Dr. Tayyab Husnain**  
Director, Centre of Excellence in Molecular Biology

University of the Punjab, Lahore

Email: [tayyabhusnain@yahoo.com](mailto:tayyabhusnain@yahoo.com); [director@cemb.edu.pk](mailto:director@cemb.edu.pk)

- **Dr. Manzoor H. Soomro**

President ECO Science Foundation

Ex-Chairman Pakistan Science Foundation

Email: [manzoorhsoomro@gmail.com](mailto:manzoorhsoomro@gmail.com)