

SYEDA SANA ALI SHAH

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OBJECTIVES:

Being an enthusiastic and energetic scientist, I have a keen desire to work in a professional and stimulating environment, while contributing the best of my abilities towards the positive growth and successful development of a progressive Institute.

I also aim to fully utilize my interpersonal and academic skills, extend my current knowledge and experience new ways for the betterment of the Institute as per rules and discipline.

EDUCATIONAL BACKGROUND:

DEGREE	SUBJECT	YEAR	DIVISION	INSTITUTE
PhD	Biosciences	2022	N/A	COMSATS University Islamabad
Thesis Title: Studies on the Role of Vitamin D and Associated Genes in Haematological Cancers				
MS	Biosciences	2013	1 st div	COMSATS Institute of IT, Islamabad
Thesis Title: Genetic Manifestation of ki67 in Breast Cancer Patients				
BS	Biotechnology	2008	1 st div	University of Peshawar, Peshawar
HSSC	Pre-Medical	2004	1 st div	Amina Degree College, Peshawar
SSC	Pure Sciences	2002	1 st div	Frontier Youth Academy, Peshawar

PUBLICATIONS:

- Sana, S., Kayani, M.A. *Role of Vitamin D deficiency and mRNA expression of VDR and RXR in haematological cancers*. Mol Biol Rep 48, 4431–4439 (2021).
<https://doi.org/10.1007/s11033-021-06463-1>. (Impact Factor 2.31)
- Bashir, N., Sana, S., Mahjabeen, I. et al. *Association of reduced XRCC2 expression with lymph node metastasis in breast cancer tissues*. Familial Cancer 13, 611–617 (2014).
<https://doi.org/10.1007/s10689-014-9745-0> (Impact Factor 2.37)

SCHOLASTIC EXPERIENCE:

- 1- **ASSISTANT PROFESSOR:** Pak-Austria Fachhochschule, Institute of Applied Sciences and Technology, Haripur. (Feb 2024- Present)
- 2- **RESEARCH SCHOLAR:** University of Oxford, England (Feb 2018-Aug 2018)

- 3- **EDUCATOR:** MLS (Sqadia.com), Intl. Medical Learning Platform (Aug 2016-Jan 2018)
- 4- **RESEARCH ASSOCIATE:** COMSATS University Islamabad, Islamabad (Feb 2014-Jan 2017)
- 5- **RESEARCHER:** Institute of Radiology and Nuclear Medicine, Peshawar (Feb 2008-Mar 2009)

RESEARCH EXPERIENCE:

- Biomolecular Therapies of blood cancer in contrast to chemotherapy.
- Elucidation of Role of Vitamins in Blood cancer Patients of Pakistan and UK.
- Genetic manifestation of Ki67 in Breast cancer Patients.
- Solo project on Isolation of Coliphage from sewage water at Center of Biotechnology and Microbiology (COBAM), UOP.

PROFESSIONAL EXPERTISE:

- Counseling
- Presentation and facilitation
- Report writing and documentation
- Effective communication
- Advocacy and Networking
- Leadership
- Planning and management
- Group and community organization

APPLIED EXPERIENCE:

- 1- **Public Relation Officer:** Department of Information, Government of KP
- 2- **Youth Advisory Panelist:** United Nations Population Fund (UNFPA) Pakistan (2009-2011)
- 3- **Executive Finance Manager:** YAN - SRHR Pakistan (2005-2010)
- 4- **Member National Youth Assembly:** Youth Parliament of Pakistan
- 5- **Regional Council Member:** Rahnuma - FPA Pakistan

CONFERENCES, WORKSHOPS & SEMINARS:

- Seminar on **Environmental factors affecting health** by Dr Anne Silk at Oxford, England in 2018.
- 7th IAS conference on HIV Pathogenesis, treatment and prevention in Kuala Lumpur, Malaysia from 30th June – 3rd July 2013.
- 3-days workshop on **SRH/HIV integration** conducted by IPPF (international Planned Parenthood federation) in Bangkok, Thailand from 22nd – 24th February 2011.
- **5th APCRSR** (Asian pacific conference on reproductive and sexual health and rights) held in Beijing, China.
- **Active Citizens Concept Development Workshop** at Peshawar, organized by British council Pakistan and Youth Parliament of Pakistan.
- Pakistan **Young Leaders Conference 2009**.
- Workshop on **behavior change communication towards HIV/AIDS** organized by Pakistan National Aids consortium (PNAC) at Peshawar
- Seminar on **cloning techniques** at University of Peshawar by Dr. Azam Kakar, a very senior scientist in cloning from Australia.
- Seminar on **Communication Skills** in Peshawar.
- Workshop on Project Management at Islamabad

LANGUAGES:

- English (fluent in reading, writing, speaking and understanding)
- Urdu (fluent in reading, writing, speaking and understanding)
- Arabic (fluent in reading, understanding, intermediate in speaking)
- Pushto (fluent in speaking and understanding)
- Punjabi (speaking and understanding)

SUMMARY:

1. A well-qualified multifunctional team player with excellent communication skills.
2. Interactive and concept-based teaching style, with special focus on research trends.
3. Exceptional practical skills required for any professional execution in field.
4. Extraordinary leadership qualities.
5. Excellent presentation and facilitation skills.
6. Proficiency in computer administration and internet handling.
7. Outstanding management skills.