

1. **Program Offer:** M.Sc Biology, M.Phil, Ph.D
2. **Curriculum Vitae of Faculty members (latest):** attached
3. **Faculty members details:**
 - i. Name Dr. Asma Saeed
 - ii Designation Assistant Professor
 - iii Qualification Ph.D
 - iv Publications (in figures) 16
4. **M.Phil/Ph.D produced:** N.A
5. **Projects from donar organization if any in the department:** N.A
6. **Conferences/Workshops arranged:** N.A
7. **Exhibitions arranged:** N.A
8. **Award/Prizes for students, if any:** N.A

BIODATA

Name: **Dr. Asma Saeed**

Father's Name: Prof. Dr. Ahmad Ahmad Saeed

Permanent Address: Zakki House, Kachi Paind Khan (Shumali), Falak Abad Street,
Near New Bannu Chungi, Dera Ismail Khan. Pakistan.

Date of Birth: 20-2-1978

Place of Birth: D.I.Khan

Nationality: Pakistani

National I.D. No. 12101-0919352-0

E.mail Adress: asmasaeed80@hotmail.com

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Academic Qaulifications:

S.S.C	1993	Board of Intermediate & Secondary Education, Bannu	66.7%	1 st Division
F.Sc	1995	--do--	59.18%	2 nd Division
B.Sc	1997	Gomal University, D.I.Khan	74.54%	1 st Division
M.Sc	1999	Quaid-i-Azam University, Islamabad. (Biology with Specialization of Bio-Chemistry/ Molecular Biology)	69.60%	1 st Division
M.Phil	2001	Quaid-i-Azam University, Islamabad. (Biochemistry/Molecular Biology)	CGPA; 4.1	1 st Division (Grade A)
Ph.D	2009	Deptt. of Biological Sciences, Gomal University, D.I.Khan in Biology (Biochemistry)	Area of research Protein/Enzyme	Grade A

Title of M.Phil Thesis:

Isolation, Purification and Characterization of Zn^{++} -dependent Acid Phosphatase from Chicken's Liver (2001).

Title of Ph.D Thesis:

Isolation, purification and characterization of Zn^{++} -dependent acid phosphatase from chicken's heart and its comparison with the enzyme of chicken's liver (2009).

Teaching Experience:

1. **Junior Research Associate,** Jan. 2000 – August 2002
Department of Biological Sciences,
Quaid-e-Azam University,
Islamabad.
2. **Lecturer,** 28th August, 2002 – 27th August, 2003
Department of Biochemistry,
Faculty of Medicine,
King Abdul Aziz University,
Madinah, Saudi Arabia.
3. **Lecturer in Biology,** 5th March, 2004 – December, 2007
Department of Biological Sciences,
Gomal University, D.I.Khan.
4. **Assistant Professor in Molecular Biology** December, 2007- upto date

Deptt. of Biological Sciences
Gomal University, D.I.Khan.

Workshops attended:

1. Workshop on Chromatography, Coordination Chemistry and Polymer Chemistry.
Jan. 23-28, 2006. held in D.I.Khan by National Core Group In Chemistry.
2. National Seminar on Genetics, The key to solve health hazard and socioeconomic problems.
Nov.27, 2008 in University of Science and Technology, Bannu.
3. National Seminar on Future trends in Biotechnology in Pakistan.
Oct. 08, 2009 in University of Science and Technology, Bannu.

Paper presented in International Conference/Symposium

1. 8th International Symposium on Protein Structure-Function Relationship held in Karachi, 7-10 Jan. 2005.
2. 9th International Symposium on Protein Structure-Function Relationship held in Karachi, 11-14 Jan. 2007.
3. 7th International and 17th National conference of Chemical Society of Pakistan, Excellence through Innovation held in D.I.Khan, 26-28 Feb. 2007.

Award:

1. 2nd Best oral presentation (lecture) in Biochemistry at 7th International and 17th National Conference of Chemical Society of Pakistan in D.I.Khan, 28 Feb.2007.

List of Publications:

1. Zn⁺⁺-dependent acid phosphatase from chicken's liver:-Isolation, Purification and Biochemical properties.

Asma Saeed; Salman Malik and A. Saeed.
Jour. Chem. Soc. Pak. **2002**, 24(3) 215-225

2. Immunosuppressive effect of lindane on humoral immune response
Zahoor Qadir Samra; Mohammad Amin Athar; Muhammad Abdul Qadir;
Karamat Mahmood and **Asma Saeed**.

J. Pure and Applied Sciences. **2002**,21(2) 95-102.

3. Immunosuppressive effect of lindane on humoral immune response
Zahoor Qadir Samra, Muhammad Amin Athar, Muhammad Abdul Qadir,
Karamat Muhammad and **Asma Saeed**.

J. Pure and Applied Sciences, **2002**, 21(2), 95-102.

4. Substrate specificity of two distinct isoenzymes of phosphotyrosine protein phosphatase (PTPase) isolated from Uromastix liver.

Rubina Naz; **Asma Saeed** and Ahmed Saeed.
Pak. J. Biochem. and Mol. Bio. **2003**, 36(4), 209-213.

5. Immunoprobng of Aminoglycoside-3 Phosphotransferase II Using Mouse Polyclonal Antibodies.

Zahoor Qadir Samra, Muhammad Amin Athar, Shazia Mirza, Karamat Mahmood and **Asma Saeed**.

J.Pure and Applied Sciences. **2004**,23(2),27-38.

6. Partial Purification and Characterization of 57 k Da Zinc-dependent acid phosphatase from chicken heart.
Asma Saeed, Abdul Haleem, Zulfaqar Alam Khan Abdur Rahim Khan and Ahmad Saeed.
Proceedings of 8th International Symposium on *Protein Structure – Function Relationship*. (Edi A.Abbasi and S.Abid Ali). University of Karachi. 7-10th Jan.,2005, pp.47-56.
7. 18 kDa acid phosphatase from chicken heart possesses phosphotransferase activity.
Rubina Naz, **Asma Saeed** and Ahmad Saeed.
The Protein Journal. **2006**, 25(2),135-146.
8. High molecular weight acid phosphatases of chicken's liver. Separation and Characterization.
Asma Saeed, Abdul Haleem, Abdur Rahim Khan, Rubina Naz, Ahmad Saeed.
Journ. Chem. Soc. Pak. **2007**, 29(4) 364-372
9. Low molecular weight Zn- dependent acid phosphatase from chicken's heart.
Asma Saeed, Abdul Haleem Shah and Abdur Rahim.
Jour. Chem. Soc. Pak. **2007**, 29 (1) 55-60
10. Partial Purification and characterization of alkaline phosphatase from goat kidney.
Muhammad Zabita, Muhammad Ashraf, Tanveer Sharif and **Asma Saeed**.
Jour. Chem. Soc. Pak. **2007**, 29(5) 509-513.
11. Acid Phosphatase from Labeo Rohita: Purification and characterization
Aisha Saddiqua, Mamoonah Rehmat, **Asma Saeed**, Shazia Amin, Rubina Naz, Mehrin Sherazi, Gul Majeed and Ahmad Saeed.
Biol. Pharm. Bull, **2008**, 31(5) 802-808.
12. Comparative study of biochemical properties of 57 kDa and 100kDa Zn-dependent acid phosphatases in chicken heart and liver.
Asma Saeed, Abdul Haleem Shah, Abdur Rahim Khan, Rubina Naz and Ahmad Saeed.
J.Chem. Soc. Pak **2009**, 31, 80-88.
13. 130 kDa acid phosphatase from the liver of Labeo Rohita: Isolation, Purification and kinetic properties.
Aisha Saddiqua, Mehrin Sherazi, Rubina Naz, Irshad Ali, **Asma Saeed**, Abdul Haleem Shah, Abdur Rahim Khan, Mushtaq Ahmad, Hidayat Ullah Khan, and Ahmad Saeed.
J.Chem.Soc.Pak, **2009**, 31(5), 801-808.

14. Partial purification and biochemical properties of acid phosphatase from Rohu fish liver.

Aisha Saddiqua, **Asma Saeed**, Rubina Naz, Mehrin Sherazi, Shazia Amin and Ahmad Saeed.

Pakistan Journal of Zoology (volume 43, **2011**. Accepted).

15. Camel liver acid phosphatases: Purification and Properties.

Mehrin Sherazi, Rubina Naz, Aisha Saddiqua, **Asma Saeed**, Shazia Amin and Ahmad Saeed.

Submitted to the Jour. Chem. Soc. Pak.

16. Isolation, purification and characterization of acid phosphatase from germinating *Vigna radiata* seeds.

Sadia Nazir, **Asma Saeed**, Rubina Naz, Aisha Saddiqua, Mehrin Sherazi and Ahmad Saeed.

Submitted to the Pakistan Journal of Botany.