

CURRICULUM VITAE

Dr. Asima Ayyub

HEC Recognized Supervisor

PMDC Recognized Faculty Member

Name: Asima Ayyub

Date of birth: 09-03-1982

Gender: Female

Correspondence/ mailing address: 527 A, M block LDA Avenue I, Raiwind road
Lahore

Contact #: 0307-4378184, Email: asmaamin31@gmail.com

Education:

- Ph.D (2015) Biochemistry (Identification of biomarkers used in lung cancer screening program targeted in therapeutic discoveries), Institute of Biochemistry & Biotechnology, University of the Punjab, Lahore.
- M.Sc (Chemistry, Major Biochemistry) (2004), Bahauddin Zakariya University, Multan.
- B.Sc (Hons) Chemistry (2003), Bahauddin Zakariya University, Multan.
- F.Sc (Pre-Medical) (2000) Lahore College for Women University, Lahore.
- Matriculation (1997) Govt. Convent Girls High School, Okara.

Distinctions:

- Received merit certificate in B.Sc Hons
- Received merit certificate in M.Sc

Scholarships, Awards and Fellowships received:

- Ph.D Indiginous Fellowship (2008-2013) from Higher Education Commission, Islamabad.
- Approved as HEC Recognized Supervisor.
- SRGP project of HEC (0.5 million) has been approved (Study of Cardio-protective agents in Phoenix dactylifera)
- Throughout 1st div and scholarship holder throughout the academic career.
- Scholarship in F.Sc 1998-2000.
- Scholarship in B.Sc (Hons) and M.Sc.
- Merit certificate in B.Sc (Hons) and M.Sc, (Bahauddin Zakariya University, Multan).

Area of research interest: To teach and develop research based set up for life sciences projects especially in field of:

- Study of protein biomarkers of human diseases
- Study of camel milk therapy against various diseases
- Study of natural ingredients as alternative safe drug therapy
- Investigation of therapeutic activity of medicinal plants

Teaching experience:

- Working as Assistant Professor Biochemistry at Akhtar Saeed Medical and Dental College, Lahore (May 2017 to date).
- Worked as Assistant Professor (Biochemistry) on IPFP, at University of Health Sciences, Lahore (on IPFP) (July 2015-July 2016).
- Worked as visiting lecturer of Biochemistry at Allied Health School, Institute of Child Health, Children Hospital Lahore (June 2007- April 2008)
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- Worked as lecturer Chemistry at Army Public College, Okara Cantt (August 2005-February 2006).

Conferences, workshops and symposiums attended:

- Attended “In service short term training of college and university faculty” (16th May-20th May, 2016) at UHS, Lahore.
- Attended 6th international chemistry conference at Bahauddin Zakariya University, Multan (April 2006)
- Attended a seminar on calcium and vitamin D deficiency at IBB, PU, Lahore.
- Attended a symposium on tuberculosis at IBB, PU, Lahore.
- Attended a conference on computational resources for protein modeling at IBB, PU, Lahore.
- Attended a conference of Pakistan society for biochemistry and molecular biology, PU, Lahore, (2013)

Presentation in scientific conference:

Asima Ayyub, Naheed Ikram, Shakeel Ahmed Tariq Mahmood and Um-e-Ammara. Occupational exposure of Copper and Cadmium in automobile workers and jewelers by analyzing scalp hair and nails by AAS.(Department of Chemistry, B.Z.U, Multan) 6th international chemistry conference (2006).

Scientific publications in journals:

Sr. No	Publication	Impact Factor
1	<u>Asima Ayyub</u> , MahjabeenSaleem, Iram Fatima, Asma Tariq and Naghma Hashmi. (2016). Glycosylated Alpha-1-acid glycoprotein 1 as a potential lung cancer serum biomarker. Volume 70, 68-75. (International Journal of Biochemistry and cell biology)	5.652
2	<u>Asima Ayyub</u> , Mahjabeen Saleem, Asma Tariq, Mamoona Naz, Ghulam Musharraf and Naghma Hashmi (2015). Mass spectrometric identification, characterization and validation of Haptoglobin beta chain protein as lung cancer	3.423

	serum biomarker. Volume 12, Issue 3, 3755-3762 (Molecular Medicine Reports)	
3	Asima Ayyub , Komal Ashraf and Mahjabeen Saleem. (2013). Apolipoprotein-A1 as lung cancer serum protein biomarker detected by proteomic strategies. Pakistan Journal of Biochemistry and Molecular Biology . Volume 46, Issue 1, 30-36.	Z- Category HEC recognized journal
4	Asima Ayyub , Shakeel Ahmed, Naheed Ikram and Ume Ammara Shan (2013)Copper and cadmium levels in hairs & nails; an indicator of heavy metal pollution. (The Professional Medical Journal). Volume 20, issue 2, 296-300	X- Category HEC recognized journal
5	<ul style="list-style-type: none"> Shakeel Ahmed, NaheedIkram, Ume Ammara Shan and Asima Ayyub. (2007). Heavy metal exposure; jewelers and automobile workers. The Professional Medical Journal. Volume 14, Issue 3, 398-402. 	X- Category HEC recognized journal
6	<ul style="list-style-type: none"> Umer Saeed, Saman Saeed, Qanita Mehmood, Asima Ayyub. (2022). A Study of Plasma anti-Thyroperoxidase Antibodies and anti-Thyroglobulin Antibodies in patients with Hypothyroidism. Pakistan Journal of medical and health sciences. Vol.16, No.10, 153-155 	Y- Category HEC recognized journal 0.07

Total Impact factor: 9.145

Citations: 55