

Curriculum Vitae: Dr. Bibi Kulsoom, Pakistan.

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A. PERSONAL

Name: Dr. Bibi Kulsoom

Husband's Name: Dr. Nasir Ali Afsar

Father's Name: Muhammad Jalil

Date of Birth: August 15, 1972

Nationality: Pakistani

Qualification: M.B.,B.S., M.Phil (Biochemistry).

Occupation: Medical Practitioner, Biochemist.

PMDC Reg #: 8393 – N.

Current Position: Lecturer of Biochemistry.

Office Address: College of Medicine, Alfaisal University, P.O Box 50927,
Takhassusi Road, Al-Ma'athar Area, Riyadh-11533,
Kingdom of Saudi Arabia.

Home Address: Apartment 71, Building 1, Askaan- Al-Ma'athar (Askaan
Kuwaiti), Dabbab Road, Riyadh, Saudi Arabia.

Permanent Address: C/O Dr. Nasir A Afsar. 330/ A, Pirzada Mohallah, Opp. UBL,
Matiari, P.O. Matiari, Dist. Matiari, Div. Hyderabad–70150.

Marital Status: Married; two children.

Interests: Biochemistry, Medicine, Medical Education, Sight-seeing,
History, Dietetics.

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B. EDUCATIONAL BACKGROUND

- 2012** *MERC* **Medical Education Research Certificate**
Association of American Medical Colleges.
- 2006** *M. Phil* **Master of Philosophy in Biochemistry**
Ziauddin Medical University, Karachi, Pakistan. The minor subjects included Physiology and Anatomy.
- 1997** *MBBS* **Bachelor of Medicine & Bachelor of Surgery**
Liaquat Medical College (now Liaquat University of Medical and Health Sciences) Jamshoro, Sindh, Pakistan, in **First Division**, with **distincion** in Anatomy, Biochemistry and Forensic Medicine.
- 1991** *HSC* **Higher Secondary School Certificate Examination**
Government College for Women, Abbottabad, Pakistan.

C. HONOR/AWARD IN PROFESSIONAL EDUCATION

- 1999** **Gold Medal** in Biochemistry, in MBBS, Liaquat Medical College (now LUMHS)
Jamshoro, Sindh, Pakistan.

D. PROFESSIONAL BACKGROUND/ EXPERIENCE

2010 Oct, to date:

Appointed as Lecturer of Biochemistry at College of Medicine, Alfaisal University, Riyadh, Saudi Arabia.

2006 Mar–2010 Sep:

After completion of M.Phil, promoted to Assistant Professor in Biochemistry at Department of Biochemistry, Ziauddin University, Karachi, Pakistan.

Active facilitation/ teaching of medical and pharmacy students continued in accordance with principles of medical education. Coordination of various modular courses for medical students also continued.

2001 February – 2006 February:

Worked as a Lecturer in Biochemistry and candidate of M. Phil in the Department of Biochemistry, Ziauddin University, Karachi, Pakistan.

Actively participated in student oriented learning in the form of **PBLs** (problem-based learning) sessions, **Programmed Lectures** apart from delivering didactic **lectures** in Medical Biochemistry and Cell Biology.

Conducted various **laboratory** sessions focusing detection, separation and estimation techniques of Biochemistry for medical and pharmacy students.

Also **coordinated** various modular courses for medical students in years 1 and 2, including Cell Biology and Genetics, General Biochemistry, Carbohydrate, Lipid and Protein Metabolism, Respiratory, Cardiovascular, Hematopoietic, Endocrine and Genitourinary Systems.

1999 September – 2000 October:

Appointed as demonstrator in the Dept. of Biochemistry, Faculty of Medicine and Allied Medical Sciences at Isra University Hyderabad, Pakistan.

1998 September – 1999 August:

Clinical Internship at Liaquat Medical College (now LUMHS) Hospital Hyderabad/Jamshoro, Pakistan, in Medicine, Paediatrics, Obstetrics and Gynaecology.

V. TEACHING/TRAINING

Alfaisal University (*Undergraduate and Postgraduate*):

- Molecular Medicine (Medical Biochemistry and Cell Biology) lectures for undergraduate medical students in year 1 and 2.
- PBL (Problem Based Learning) sessions encompassing, Anatomy, Pathophysiology, Biochemistry, Pharmacology in years 1, 2 and 3.
- Masters in Biomedical Sciences – a joint program of Alfaisal University and King Faisal Specialist Hospital and Research Center, Riyadh.

Ziauddin University:

- Cell Biology and Genetics, Anatomy and Physiology for undergraduate medical students.

Isra University:

- Biochemistry, Anatomy and Physiology for undergraduate medical students.

E. SCHOLARLY ACTIVITY

a) M.Phil in Biochemistry, 2001 to 2006.

The M.Phil project addressed the predisposition of acute coronary syndrome. The project was conducted under supervision of Prof. Syed Nazrul Hasnain, then Chairman, Department of Biochemistry, Ziauddin Medical College, Karachi.

b) Publications.

- i. Afsar NA, Kulsoom B, Mateen A, Ahmed S, Tahseen M, Ahmed A. Breast Cancer Pattern and Chemotherapy Response - an Institutional Study in Pakistan. *Asian Pac J Cancer Prev*, **2010**; 11 (3):825-30.
- ii. Kulsoom B, Hasnain SN (*M.Phil Thesis*): Assessment of CRP as a marker and its correlation with Serum Lipid Levels in male patients of Myocardial Infarction. **2006**. Ziauddin University, Karachi.
- iii. Kulsoom B, Hasnain SN. Association of serum C-reactive protein and LDL:HDL with myocardial infarction. *J Pak Med Assoc*. **2006**;56(7):318-22., available at the following link:
<http://jpma.org.pk/jpma/7july2006/pdf/ft7.pdf#search=%22bibi%20Kulsoom%22>
- iv. Kulsoom B, Hasnain SN. C-reactive protein and Statins. *Pakistan Journal of Pharmacology*. **2006**;23(2):49-54.

c) Abstracts/ Presentations.

Lecturing through Powerpoint presentations is a constant feature with more than 150 lectures delivered at Ziauddin University, Karachi and Alfaisal University, Riyadh so far.

At Ziauddin University, teaching and research involves regular presentations. So far, more than 25 presentations based on current research articles published in renowned scientific journals have been made in weekly Journal Club at Ziauddin University, Karachi.

Additionally, presentations made in symposia and conferences are given below:

- 2013 Jan:** Abstract and poster presentation (Positive influence of PBL over Clinical Acumen: *Medical students' insight at a new medical college in Saudi Arabia*) at 10th Asia Pacific Medical Education Conference (APMEC), to be held during January 16-20, 2013 at Singapore.
- 2012 Nov:** Abstract and poster presentation as a co-author (*Lessons to learn - breast cancer treatment - an institutional experience from a developing country*) at 8th National Cancer Research Institute, to be held during November 4-7, 2012 at Liverpool, United Kingdom.
- 2012 Apr:** Abstract and oral presentation (*Medical students' insight about problem-based learning at Alfaisal University, Riyadh*) at Saudi International Medical Education Conference, 2012, held during April 22-26, 2012 at Riyadh, Saudi Arabia. The activity was accredited by Saudi Commission for Health Specialities.
- 2005 Oct:** Abstract (related to M.Phil project) at 18th FAOBMB (Federation of Asian and Oceanian Biochemists and Molecular Biologists) Symposium held at Lahore, Pakistan.
- 2004 Nov:** Abstract and poster presentation (related to M.Phil project) at 17th FAOBMB Symposium held at Bangkok, Thailand.
- 1996:** Joint presentation in 'Clinico-Pathological Conference on Schimdt Syndrome' as a medical student under auspices of Department of

Medicine, Liaquat Medical College (now LUMHS), Jamshoro, Pakistan during MBBS studies.

d) Workshops/ Seminars/ Symposia Attended

- 2012 Apr:** Medical Curriculum Design and Course Mapping, organized at Saudi International Medical Education Conference, 2012, held during April 22-26, 2012 at Riyadh, Saudi Arabia. The activity was accredited by Saudi Commission for Health Specialities.
- 2011 Apr:** Workshop for METIman® (a clinical skill mannequin) utility in undergraduate medical curriculum, organized by METIman® and Alfaisal University, Riyadh, Saudi Arabia.
- 2010 Dec:** Medical Education Workshop, Jointly organized by Alfaisal University, Riyadh, KSA and Partner Harvard Medical Institutes, Boston, USA.
- 2010 Dec:** KPI Familiarization, Alfaisal University, Saudi Arabia.
- 2010:** 'Instructional Methods' Ziauddin University, Karachi.
- 2009 Jun:** 'Communication Skills' Ziauddin University, Karachi.
- 2009 Dec:** 2nd Seminar on Laboratory Biosafety held at Aga Khan University, Karachi, Pakistan with collaboration of Pakistan Biological Safety Association and Biosecurity Engagement Program US State Department.
- 2009 Jun:** 'Communication Skills' Ziauddin University, Karachi, Pakistan.
- 2009 Mar:** 'Hematology Oncology Update', National Institute of Blood Disease and Bone Marrow Transplantation, Karachi, Pakistan.
- 2007 Feb:** '1st National Pakistan Proteomics Society Life Sciences – HEC Workshop' at Department of Biochemistry, University of Karachi, Karachi, Pakistan.
- 2006 Jun:** 'Computational Chemistry and its Applications': under auspices of Dr. Panjwani Center for Molecular Medicine and Drug Research,

International Center for Chemical Sciences, University of Karachi, Karachi, Pakistan.

- 2004 Nov:** '17th Federation of Asian and Oceanian Biochemists and Molecular Biologists (FAOBMB) Symposium' held at Bangkok, Thailand.
- 2003 Feb:** 'Health – A Fundamental Human Right': under auspices of Pakistan Society of Physicians, Karachi, Pakistan.
- 2002 Sep:** 'Diagnostic Interpretation of ECG': under auspices of Pakistan Society of Physicians/ Pakistan Cardiac Society/ Department of Family Medicine, Ziauddin Medical University, Karachi, Pakistan.
- 2002:** 'Educational Planning', Ziauddin University, Karachi.
- 2001 Sep:** 'Recent Developments in Medicine': under auspices of Pakistan Society of Physicians, Karachi, Pakistan.
- 1999 Jul:** 'CME Workshop on Women's Health': under auspices of College of Physicians and Surgeons Pakistan/ Women's Health/ World Bank, Hyderabad, Pakistan.
- 1999 May:** 'Recent Developments in Surgery and Gastroenterology': under auspices of Pakistan Society of Gastroenterology and G.I. Endoscopy, Hyderabad, Pakistan.
- 1996:** 'Clinico – Pathological Conference on Schimdt Syndrome': under auspices of Department of Medicine, Liaquat Medical College (now LUMHS), Jamshoro, Pakistan.

F. RESEARCH GRANTS

- 2013-14** SAR 97,000/- for a research project focusing Acute Myelogenous Leukemia with international collaboration (National Institute of Blood Diseases and Bone Marrow Transplantation, Karachi).
- 2004** PKR 15,000/- for presenting a poster at 17th FAOBMB symposium, Bangkok, Kingdom of Thailand.
- 2002** PKR 50,000/- for M. Phil Project; by Ziauddin University, Karachi.

Note: Grants to publish research articles and participate/ attend various seminars and workshops are NOT included in this list.

G. MEMBERSHIP OF PROFESSIONAL SOCIETIES/ BODIES:

- 2013** British Biochemical Society, London.
- 2006** Pakistan Pharmacological Society.

H. REFERENCES: Additional references can be provided on request:

1. Professor Syed Nazrul Hasnain.
Department of Biochemistry,
Dow International Medical College,
Dow University of Health Sciences,
Main University Road,
Karachi, Pakistan.
e-mail: snhasnain@hotmail.com

2. Dr. Rubina Ghani.
Assistant Professor,
Department of Biochemistry,
Baqai Medical College,
Super Highway,
Karachi, Pakistan.
e-mail: r.musavvir33@hotmail.com

3. Prof. Abdul Raheem Memon.
Faculty of Medicine and Allied Medical Sciences,
Isra University,
Hyderabad, Pakistan.