

# **CURRICULUM VITA**

**Dr. Farkhanda Ghafoor**

**Ph.D. (Bio-Chemistry)**

**Diploma (Bioethics)**

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**PMDC no. PF.I.G-2017/Nonmedical/1369**

### **Work Experience & Expertise**

Pakistan Medical Research Council

30 yrs

PKLI

02 yrs

Shalamar Medical & Dental College

04 yrs 10 months

36 years of Research Experience. (Basic, Clinical, & Community based) (recently included **Artificial Intelligence**)

12 years of experience working in Reference lab. NETRIA UK.

Establishing state of art research labs.

Establishing the Institutional Review Board.

Reviewer of National, Provincial and Institutional Research Ethics Committees.

Conducting and facilitating Hands on training workshops in laboratory techniques and Bioethics .

Writing proposals for International & National Grants.

Facilitating and guiding researchers for writing research proposals.

Supervising researchers to carry out research as part of their degree program.

HEC approved supervisor & reviewer.

Reviewer of National & International Journals

### **EDUCATION, CERTIFICATIONS & SCHOLARSHIPS:**

- Ph.D. in Biochemistry (Development of Assay for Thyroid Autoantibodies and Clinical Applications during pregnancy).
- M.Sc. Chemistry (Roll of Honor).
- Diploma in Bioethics.
- Certificate course in Bioethics.
- Best article of the year 2013.
- Best article of the year 2023.

### **AWARD NOMINATIONS:**

- **2013:** Distinguished scientist by Pakistan Academy of Sciences.
- **2012:** President's Medal for Technology.
- **2011:** Award of PAS Gold Medals in various scientific disciplines.
- **2010:** President's Medal for Technology.
- **2010:** L'Oreal-UNESCO Award for female scientists.
- **2007:** Distinguished scientist by Pakistan Academy of Sciences.

### **GRANTS SECURED:**

- National Rs. 76,01999
- International £ 197,883 and \$ 2100 (provide details of each grant)

### **PATENTS:**

- A method for determination of Microalbuminuria in 2009. (**Granted in 2013**)
- A method for determination of Haemoglobin (HbA1C) (in process)

### **MEMBERSHIPS & AFFILIATIONS:**

- Member National Bioethics Committee
- Member Provincial Bioethics Committee
- PKLI-JHS editorial board member
- HEC approved supervisor for degree of Ph.D./M.Phil.
- Member Global Consortium Thyroid & Pregnancy
- Member Institution Review Board, PKLI.
- Member Institution Review Board, SMDC.
- Secretary Scientific Committee, SMDC.
- Chairperson Institution Review Board, SHHAS.
- Member Pakistan Society of Biochemists.
- Member Pakistan Biological Sciences Society.

### **Review of projects:**

- |   |      |
|---|------|
| • HEC Projects Year since 2016                          | 47   |
| • Shaikh Zayed Medical Complex IRB Projects since 2007  | 1456 |
| • Shalamar Medical & Dental College projects since 2019 | 837  |
| • National Bioethics Projects since 2016                | 957  |
| • PhD Thesis as External Examiner                       | 7    |
| • M.Phil. Thesis as External                            | 27   |
| • M.Sc. Thesis as External                              | 6    |
| • B.Sc. Hons. Thesis as External                        | 18   |

### **Research Projects Supervised/Co Supervised:**

- |             |    |
|-------------|----|
| • Ph.D      | 4  |
| • M. Phil   | 18 |
| • M.Sc.     | 21 |
| • B.Sc.     | 10 |
| • B.Sc. MLT | 32 |

**Ongoing Projects including Artificial Intelligence Scope:**

**14** (5 including AI tools for scope & intensity)

**Publications:**

**74** (25 International 49 National)

**Workshops and Conference Presentation:38**

**Workshops facilitated, Organised & Attended**

Workshops/ Meetings/Courses conducted/facilitated/organized:**32**

Training/Courses/Workshops/Seminars attended: 60