

MUHAMMAD SHOAIB ALI GILL

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Objective

To be part of research group where I can apply my professional education & interpersonal skills with effectiveness; contributing to the efficiency of the work progress and In the process of doing so open new horizons of knowledge by finding the answers to the yet unanswered questions.

Personal Information

Name	Muhammad Shoaib Ali Gill
Father's Name	Ashiq Ali Gill
Date of Birth	May 5, 1988
Religion	Islam
Marital Status	Married
C. N. I. C Number	36302-0668337-3
Nationality	Pakistani

Academic Qualifications

M.Phil. (Pharmaceutical Chemistry) 2014

Institute: Bahauddin Zakariya University, Multan, Punjab, Pakistan

Field of research: Synthetic Pharmaceutical Chemistry and Drug Design

Research Thesis:

Synthesis Characterization and Biological Evaluation of new derivatives of Barbituric acid and Thiobarbituric acid.

Pharm.D 2010

Institute: Bahauddin Zakariya University, Multan, Punjab, Pakistan

Special command over;

Organic Chemistry	Bio-Chemistry	Medicinal Chemistry
Pharmaceutical Analysis	Pharmacology	Clinical pharmacy

Higher Secondary School Certificate

2005

Board: BISE, Multan, Punjab, Pakistan

Majors: Biology, Chemistry, Physics.

Grades: Secured 74% marks.

Secondary School Certificate (Science Group)

2003

Board: BISE, Multan, Punjab, Pakistan

Majors: Mathematics, Physics, Chemistry, Biology.

Grades: Secured 77% marks

Work Experience

Working as a Lecturer in Institute of Pharmaceutical Sciences, University of Veterinary and Animal Sciences Lahore, Pakistan since July 2014.

Research experience and skills

- Molecular Synthesis, modification and spectral analysis
- Isolation and spectroscopic analysis of new Molecules from Natural plant sources, and optimization of active new chemicals by biotransformation and culturing procedures
- Chemical and Biological studies on Plant extracts
- Development of Anti-oxidative, Neuroprotective, Nutraceuticals agents and anti-viral agents from higher Medicinal plants
- Experience in conducting Antibacterial Bioassay, Antifungal Bioassay, Insecticidal Bioassay, Phytotoxic Bioassay, Brine shrimp Bioassay and Enzyme inhibition Bioassay
- Experience in working with HPLC, IR, UV, POLARIMETERY, and NMR Techniques
- Proficient in working with: Microsoft Word, Microsoft PowerPoint, Chem. window, Chem. Draw, ISIS Draw, ACD lab., Excel and Internet Tools, Endnote and e-libraries
- Proficient in working with Endnote citation manager

Courses taught

Undergraduate courses (Pham-D level)

- Organic Chemistry
 - Bio-Chemistry
 - Pharmaceutical Analysis
 - Pharmaceutical Quality Control and Management
 - Pharmacognosy
 - Clinical Pharmacy and therapeutics
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Postgraduate Courses (M.Phil. Pharmaceutical Chemistry)

- Drug Design and Synthesis
 - Polymers in Drug formulation and design
 - Drug Stability and Group Analysis
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Computer Skills

- Can confidently work on operating systems Windows OS.
- Can confidently work on Microsoft Office, SPSS.
- Auto dock and MOE molecular modeling and docking software
- ChemDraw and Python ChemViewer, UCSF Chimera
- Various reference library and citation software.

Personal Attributes

- Ability to work & perform under pressure with effective time management skills.
- Ability to work continuously for long durations when required.
- Excellent communication skills.
- Excellent learning skills.
- Good command over current affairs

Languages

- English – Excellent reading, writing and speaking
- Urdu – Native Language
- Punjabi - Mother tongue
- French – Level A1 certified

Extra-Curricular Activities

- Reading history & current affairs
- Reading Books & Novels.
- VP UVAS chess club
- Sports.

Research Projects Undertaken

Synthesis Characterization and Biological Evaluation of new derivatives of Barbituric acid and Thiobarbituric acid. (In process for Publication)

Publications

In-vitro Acetylcholinesterase and Butyrylcholinesterase inhibitory Potentials of *Jatropha gossypifolia* plant extracts” Hammad Saleem, Irshad Ahmad, Muhammad Nabeel Shahid and **Muhammad Shoaib Ali Gill**. Acta Poloniae Pharmaceutica. Vol. 73 (2), ISSN: 0001-6837. 2016 (419-423) Impact Factor (0.737).

Evaluation of lipoxygenase inhibition of *Jatropha gossypifolia*, a medicinal plant from Pakistan. (Letter to the Editor) Hammad Saleem, Irshad Ahmad and **Muhammad Shoaib Ali Gill**. Bangladesh Journal of Pharmacology Vol. 11 (2), ISSN: 1991-0088. 2016(319-320). Impact Factor (1.052).

Hammad Saleem, Irshad Ahmad, M Ashraf, **M Shoaib Ali Gill**, Muhammad Faisal Nadeem, M Nabeel Shahid and Kashif Barkat. In vitro studies on the antidiabetic and anti-ulcer potential of *Jatropha gossypifolia*. *Tropical Journal of Pharmaceutical Research* January 2016; 15 (1): 121-125, ISSN: 1596-5996 (print); 1596-9827 (electronic)

Hammad Saleem, Irshad Ahmad, **M. Shoaib Ali Gill**. Phytochemical screening and diuretic activity of *Euphorbia granulata*. *Bangladesh Journal of Pharmacology*, 2015: 10(3), 584-587.

Paper accepted for publication in *Acta Poloniae Pharmaceutica* Title: Phytochemical, Antimicrobial and Antioxidant Activities of *Pteris cretica* L. Extracts.

Trainings and Workshops

Pre-Servise Competency Enhancement Training for Teachers (P-SECTT). Organized by Center for Educational Policy and Administration (CEPA), University of Veterinary and Animal Sciences (UVAS), Lahore on 4th through 9th August 2014.

Training workshop of online Microsoft office 365. Higher Education Commission of Pakistan. Seminar hall of University of Veterinary and Animal Sciences, Lahore, Pakistan. 11/05/2015 to 11/05/2015

Five days' workshop on "Research Methodologies Using Statistical Techniques in Biological Sciences" from 17th December, 2015 to 23rd December, 2015 organized by Department of Statistics and Computer Science, Faculty of Life Science and Business Management at University of Veterinary and Animal Sciences, Lahore, Pakistan.

Conferences and Seminars attended

37th All Pakistan Science Conference, organized by Pakistan Council of Scientific and Industrial Research (PCSIR) Labs, Ferozpur Road, Lahore, from 16th to 17th November 2015.

Participation in one day Seminar on "Donate blood, Save Life" Organized by Blood Donor Society IPS, UVAS, Nov 2015.

Participation in one day Seminar on "Navigating Future of Community Pharmacy in Pakistan" organized by Institute of Pharmaceutical Sciences, University of Veterinary and Animal Sciences, Lahore, 1st Oct, 2015.

References

- Educational and Professional references will be furnished on demand.