



## CURRICULUM VITAE

### PERSONAL PARTICULARS

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**Name of Applicant** : Dr. Farina Mujeeb  
**Father's Name** : Mr. Mohd. Abdul Mujeeb  
(Retired Sr. Divisional Accounts Officer)  
**Mother's Name** : Mrs. Ubaida Mujeeb  
**Date of Birth** : 19/12/85  
**Sex** : Female  
**Nationality** : Indian  
**Marital status** : Single  
**Languages known** : English, Hindi, Urdu  
**Email** : farinamujeeb@gmail.com  
**Address**  
**(Permanent and Correspondence):** Flat no.6, Second Floor, Mehndi Apartment,  
Opp. City Station, Hamid Road, Lucknow.  
**Mobile** : 9794545645

### CAREER OBJECTIVE

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Ambition is to utilize my skills and ability to eventually have a broad-based academic career including teaching, research and management responsibilities.

### PROFESSIONAL QUALIFICATION

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**Doctoral Research:** September 2010- July 2016  
**Ph.D. (Biotechnology)**, Deptt. of Biosciences, Integral University, Lucknow.

**Topic: “Biodiversity analysis of Bael (*Aegle marmelos*) leaves at biochemical and molecular level”.**

**Supervisor: Dr. Neelam Pathak**, Professor and Head, Dept. of Biosciences, Integral University, Lucknow.

**Master’s Research:** **5<sup>th</sup> January, 2009- 4<sup>th</sup> April, 2009**

**M.Sc. (Biotechnology)** project work, **Central Drug Research Institute**, Lucknow (**Human Resource Development Programme**).

**Topic: “Antioxidant and lipid lowering activity of *Terminalia arjuna* in triton & high fat diet induced hyperlipidaemic rats.”**

**Supervisor: Dr. Gitika Bhatia**, Training Supervisor & Scientist, Biochemistry Division.

- Master of Science (M.Sc) in Biotechnology, from Integral University, Lucknow, U.P (2007-2009).
- Bachelor of Science (B.Sc) from Isabella Thoburn College, Lucknow, U.P (2004-2007).
- 10th standard from ICSE board with first division (75.6%) from City Montessori School, Chowk Branch, Lucknow (2000).
- 12th standard from ISC board with first division (75.5%) from St. Mary’s Convent Inter College, Allahabad (2002).

## **AWARDS AND FELLOWSHIPS**

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Awarded Maulana Azad National Fellowship (MANF) 2011-2012.

## **CURRENT POSITION**

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Working as an Assistant Professor in the Department of Biosciences, Integral University, Lucknow.

## **RESEARCH AREA**

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My research work and area of interest deals with Plant biotechnology and the tools and techniques used in molecular analysis.

## **NOVELTY OF WORK**

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To the best of my knowledge, no report on molecular characterization has been carried out on eighteen bael varieties/accessions. Moreover, the present research has screened the best variety amongst all that can be taken further in future studies for pharmaceutical and healthcare industries.

## **WORK EXPERIENCE**

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- DNA Isolation and DNA Estimation
- PCR (Polymerase Chain Reaction)
- RAPD and ISSR techniques
- AGE (Agarose Gel Electrophoresis)
- Molecular Biology statistical analysis of data
- Column Chromatography
- Biochemical analysis of plant extracts.

## **NATIONAL AND INTERNATIONAL CONFERENCES/ WORKSHOPS ATTENDED**

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- NATIONAL CONFERENCES: 10
- WORKSHOPS: 3
- INTERNATIONAL CONFERENCES: 5

## **ABSTRACTS PUBLISHED/ POSTER PRESENTATION**

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- **Farina Mujeeb** and Neelam Pathak “**Antibacterial activity of aqueous extract of Bael (*Aegle marmelos*) leaves**” and poster presentation at 80th SBC(I) Annual Meeting and Conference on “Metabolic Pathway Modulations- Applications in Health and Agriculture” held at CSIR-CIMAP from 12th-15th November, 2011 at Lucknow.
- **Farina Mujeeb\*** and Neelam Pathak “**Antibacterial Activity of Aqueous Extract of Wood Apple (*Aegle marmelos*) Leaves**” and paper presentation in the seminar on “Scientific Tribute to Country’s First Education Minister Honourable Maulana Abul Kalam Azad” held on 8<sup>th</sup> November, 2012 at Department of Biotechnology, Integral University, Lucknow.
- **Farina Mujeeb**, Preeti Bajpai, Neelam Pathak and A.K. Srivastava “**Screening of methanolic extract from different varieties of Wood apple (*Aegle marmelos*) leaves by evaluation of Antioxidant properties**” and presented a poster at LUSCON-2013

organized by Babasaheb Bhimrao Ambedkar (A Central) University, Lucknow from 20-21st March, 2013.

- **Farina Mujeeb**, Rani Sanjeeda, Ajaz Ahmad, Priti Bajpai, Neelam Pathak and A.K. Srivastava “**Antioxidant activity of methanolic extract from different varieties of Wood apple (*Aegle marmelos*) leaves**” and poster presentation at Stress Seminar 2013, Department of Biochemistry from 15th-16th March, Lucknow University.
- **Farina Mujeeb**, Preeti Bajpai and Neelam Pathak “ **Comparative Analysis of Antioxidant Activity from Different Varieties of Wood Apple (*Aegle marmelos*) Leaves**” and presented a poster at Alumni Meet and National Seminar On Frontier Agriculture -2013 held on 20-21 April, 2013, organized by nduat alumni association at Narendra Deva University of Agriculture & Technology, Kumarganj, Faizabad U.P.
- Presented a poster in the Symposium on “**Recent Advances in Biochemistry and Biotechnology: Applications in Health, Environment and Agriculture**” held at Dept. of Biochemistry, University of Lucknow from Oct, 29-31, 2013.
- **Farina Mujeeb**, Ahamad Faiz Khan and Neelam Pathak “**Screening of vitamin C, carotenoids and polyphenols in selected varieties of Bael (*Aegle marmelos*) leaves**” at 16th Indian Agricultural Scientists And Farmer’s Congress on Nanobiotechnological Approaches for Sustainable Agricultural and Rural Development from 22-23 February, 2014 at Integral University, Lucknow.
- **Farina Mujeeb**, Ahamad Faiz Khan, Preeti Bajpai and Neelam Pathak “**Molecular Diversity Analysis in *Aegle marmelos* (Bael) using RAPD markers**” in National Conference on Nanosciences, Nanotoxicology and Nanoinformatics -Present and Future Perspectives organized by Department of Bioengineering and Biosciences, Integral University, Lucknow from 14<sup>th</sup> -15<sup>th</sup> March, 2015.
- **Farina Mujeeb**, Ahamad Faiz Khan, Preeti Bajpai and Neelam Pathak “**Phytochemical Screening and Evaluation of Antioxidant Activity, Total Phenolics and Total Flavonoids of *Aegle marmelos* Leaf Extracts**” and poster presentation in International Conference on Medicinal Plants: Resource for Affordable New Generation Healthcare 2015 held from 20<sup>nd</sup>-22<sup>nd</sup> March, 2015.
- **Farina Mujeeb**, Uzma Sayyed, Ahamad Faiz Khan, Preeti Bajpai and Neelam Pathak “**Comparative analysis of *In Vitro* Antioxidant Activity of Eighteen Bael (*Aegle marmelos*) varieties and accessions**” and delivered a poster presentation in the

“International Conference on Biotechnological Advancements in Free Radical Biology and Medicine (ICBAFM) held from 14<sup>th</sup> -16<sup>th</sup> November, 2015.

- **Farina Mujeeb**, Ahamad Faiz Khan, Preeti Bajpai and Neelam Pathak “**Phytochemical Evaluation, Antioxidant Activity and Cell viability determination of *Aegle marmelos* (Bael) leaf extract**” and also presented a poster in the International Conference on “Emerging Trends in Biomedical sciences” (ETBS-2016) held from 6th-8th March 2016.
- **Farina Mujeeb<sup>1</sup>**, Ahamad Faiz Khan<sup>2</sup>, Uzma Sayyed<sup>1</sup>, Preeti Bajpai<sup>1</sup>, Neelam Pathak<sup>1</sup> “**Assessment of Genetic Diversity in Bael (*Aegle marmelos*) Varieties/Accessions using RAPD and ISSR Markers**” and poster presentation in the International Congress on Post-Harvest Technologies of Agricultural Produce for Sustainable Food and Nutritional Security (ICPASN) held from November 10<sup>th</sup>-12<sup>th</sup>, 2016.

## **PUBLICATIONS/CHAPTER**

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### **RESEARCH ARTICLES**

#### **1. Phytochemical Evaluation, Antimicrobial Activity, and Determination of Bioactive Components from Leaves of *Aegle marmelos***

Farina Mujeeb, Preeti Bajpai, and Neelam Pathak

Hindawi Publishing Corporation, BioMed Research International, Impact factor: 2.583, Citations: 73

#### **2. Phytochemical Study of *Aegle marmelos*: Chromatographic Elucidation of Polyphenolics and Assessment of Antioxidant and Cytotoxic Potential**

Farina Mujeeb, Ahamad Faiz Khan, Preeti Bajpai, Neelam Pathak

Pharmacognosy Magazine, Impact factor: 1.525 Citations: 2

#### **3. Profiling Of Enzymatic Antioxidants In Leaf Extracts Of Different Bael Varieties/Accessions**

Farina Mujeeb<sup>a\*</sup>, Ahamad Faiz Khan<sup>b</sup>, Preeti Bajpai<sup>a</sup>, and Neelam Pathak<sup>c</sup>

Research Journal of Pharmaceutical, Biological and Chemical Sciences

#### **4. Effect of Plant Growth Regulators on Growth and Essential Oil Content in Palmarosa (*Cymbopogon martinii*)**

Ahamad Faiz Khan<sup>1\*</sup>, Farina Mujeeb<sup>2</sup>, Farooqi AHA<sup>3</sup>, Alvina Farooqui<sup>1</sup>

Asian Journal of Pharmaceutical and Clinical Research, Citations: 17

## REVIEW ARTICLE

### 5. Effect of Plant Growth Regulator on Essential Oil Yield in Aromatic Plants

Urooj Bano<sup>1</sup>, Ahamad Faiz Khan<sup>1\*</sup>, Farina Mujeeb<sup>2</sup>, Neeraj Maurya<sup>1</sup>, Heena Tabassum<sup>1</sup>, Mohd. Haris Siddiqui<sup>1</sup>, Mohd. Haneef<sup>1</sup>, Khwaja Osama<sup>1</sup>, Alvina Farooqui<sup>1</sup>.

Journal of Chemical and Pharmaceutical Research

## BOOK CHAPTER

### 6. Genetic Diversity Analysis of Medicinally Important Horticultural Crop *Aegle marmelos* By ISSR Markers

Farina Mujeeb<sup>1</sup>, Preeti Bajpai<sup>1</sup>, Neelam Pathak<sup>1</sup> & Smita Rastogi Verma<sup>2\*</sup> accepted in “*PCR for DNA fingerprinting: RAPD/AFLP*” for an edition on PCR – Methods and Protocols, Springer.

Citations: 4

## REFERENCES

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