

Mo Abuzar

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EXPERIENCE/INTERNSHIP

Pt. Madan Mohan Malviya Hospital, Delhi — Lab Technologist

Feb 2021–June 2021

GB Pant Hospital, Delhi — Lab Technologist

July 2021–June 2022

Performed laboratory tests & experiments according to established protocol in a timely & accurate manner.

EDUCATION

Jamia Hamdard, Delhi — M.Sc. Medical Biochemistry

2022-2025 (awaited).

Jamia Hamdard, Delhi — B.Sc. MLT

2018-2022

RESEARCH & THESIS

ASSOCIATION OF SERUM MAGNESIUM AND MALONDIALDEHYDE WITH MARKERS OF METABOLIC SYNDROME IN DIABETIC RETINOPATHY PATIENTS.

Explored how altered lipid profiles, reduced magnesium, and elevated malondialdehyde levels contribute to oxidative stress and vascular damage in diabetic retinopathy.

Performed biochemical and statistical analysis of serum markers to evaluate their diagnostic potential in the progression of diabetic retinopathy among type 2 diabetes patients.

SKILLS

Phlebotomy | Histopathology | Immunohistochemistry | Microbiology

Clinical Biochemistry | Quality Control

SDS-PAGE | Western Blotting | Cell Culture | Molecular Techniques

MS Office (Word, Excel, PowerPoint) | Basic Statistical Analysis | Manuscript Writing

CONFERENCES/CME

NORTH ZONE ACBI CONFERENCE (AIIMS Jodhpur) 2024

ANNUAL CONFERENCE ISAR-DCCON 2024 (HINDU RAO HOSPITAL NORTH DMC MEDICAL COLLEGE, DELHI)

NMMTA 5th Conference of the Clinical Scientist on Research in Basic Medical Sciences (DEHRADUN-2024)

HAMDARDBIOCON-2024, HIMSR & HAHC, DELHI

WORKSHOPS

Organized HAMDARDBIOCON-2024, A two-day CME-cum hands-on workshop on SDS-PAGE & WESTERN BLOTTING & CELL CULTURE (HIMSR & HAHC, DELHI)

Workshop: Introduction & hands-on training on genetic analyzer (**Sanger sequencing**)

Molecular Docking Workshop on using Autodock Tools & Autodock 4 by Research Boulevard Technologies-2024

PRABODHAN, a CME & Workshop on Internal and External Quality Control in Medical Laboratory at HIMSR & HAHC Hospital, Delhi-2025

Workshop on **Good clinical practice and Ethics in Human Research & Clinical Trials Rules, 2019**, at HIMSR & HAHC Delhi—2025

POSTER PRESENTATIONS

Role of serum magnesium in progression and treatment of diabetic retinopathy: A review (HIMSR & HAHC, DELHI)

Urinary Biomarkers for diagnosis of Depression and Anxiety Disorders: A review (AIIMS Jodhpur)

Evaluation Of Serum Netrin-1 Levels as a Potential Biomarker for Diabetic Retinopathy (HINDU RAO HOSPITAL NORTH DMC MEDICAL COLLEGE, DELHI)

LANGUAGES

English, Hindi, Urdu