

CONTACT

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Madhur Mishra

Embryologist – ZIVIA IVF

<https://www.linkedin.com/in/madhur-embryologist/>

<https://embryologist-madhur.vercel.app/>

SKILLS

- Oocyte Screening & Denudation,
- ICSI/PICSI
- IVF
- Embryo Biopsy
- Vitricification and Warming of Embryos & Gametes
- Assisted Hatching
- Semen Analysis
- IUI sample preparation
- DFI
- Microfluidics
- Embryo Assessment
- Embryo Transfer
- Laboratory management (QA/QC).

TECH SKILLS

SDS PAGE, Blotting, PCR, DNA/RNA/Protein Isolation, Blott analysis and imaging, Agarose Gel Electrophoresis, Spectrophotometer, Normal / Fluorescent plate reader, Protein estimation, Cell apoptosis analysis by annexin V/PI, MTT / ALMAR Assay & Oil Red O/HASH staining. QA/QC of Lab

MACHINE HANDLING

- Narishighe
- RI

EDUCATION

M.Tech. Biotechnology (74.6%)

July 2011 – May 2013

Integral University Lucknow

MSc Bioinformatics – (74.5%)

Computer Science & Biotechnology

July 2008 - May 2010

UIET-CSJM University Kanpur

LANGUAGES

English

Hindi

REFERENCE

Dr. Sarabpreet Singh (Senior Embryologist) – Artemis Hospital Gurgaon

Experienced Embryologist (2.6 Yr +) with comprehensive expertise in advanced embryo culture techniques, ICSI/PICSI, IVF/IUI procedures, embryo biopsy, and complete semen analysis. Passionate about delivering high success rates through precision lab work, personalized patient care, and adherence to best clinical practices.

EXPERIENCE

ZIVIA IVF – Embryologist

Currently working

Lucknow-UP

Working as Embryologist, manage complete embryology lab including QA/QC, Data (online, offline), Lab operations with delivering high success rates in ICSI from fertilization rate (>80% Avg) to Blast (>70% Avg) and patient counselling in critical cases and revenue growth.

EVARA Fertility - Centre Head/Embryologist

Apr 25 – Aug- 25

Kanpur-UP

Working as Embryologist, Laboratory management (QA/QC), Operations & Financial Management and Patient counselling.

GCRG-IMS - Embryologist /IVF Division Head

Aug 18 – Jan 20

Lucknow-UP

Working as Embryologist, Laboratory management (QA/QC), Operations & Financial Management and Patient counselling.

GCRG Group of Institutions - H.O.D.-Biotechnology

Aug 14 – Jan 22

Lucknow-UP

Visionary Head of Biotechnology Department with 8 years of experience in academic/industrial research, specializing in genetic engineering, bioinformatics, or drug discovery.

XAPOTECH SYSTEMS - Software Developer

Feb 22 – April 25

Noida, India

Design and develop a product catalogue website, e-commerce websites.

Domain -Insurance Healthcare and Hospital management.

MERN, JAVA, Java script, React, SQL, MongoDB, HTML, CSS, Tailwind,

SpringBoot, GitHub, JAVA8, DSA, CI-CD

CERTIFICATES

Clinical Embryology – Fertilis Academy and Artemis Hospital Gurgaon.

Animal cell culture – IITR Lucknow

PUBLICATIONS

1. In-silico designing of a potent analogue against HIV-1 Nef protein and protease by predicting its interaction network with host cell proteins. (PUB-MED NCBI)
2. Antimicrobial and antifungal activity of Indian lichen (*Usnea* sps and *permotrema* sps) against human pathogenic bacterial and fungal sps.
3. Antimicrobial activity of Lemon Grass (*Cymbopogon citratus*) extract against microbes of environment and food origin.
4. Designing of a potent analog against drug resistant HIV-1 Protease:An Insilco Study