

## CONTACT

Mob:- +917518632140

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IN: www.linkedin.com/in/madhur-embryologist

## SKILLS

- Oocyte Screening & Denudation,
- ICSI/PICSI
- IVF
- Embryo Biopsy
- Vitrification 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

## 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

## Madhur Mishra

### Embryologist – ZIVIA IVF

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

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

### 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 spp and permotrema spp) against human pathogenic bacterial and fungal spp.
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