



slovely27@gmail.com



8447457933



Gurgaon, India 122001

EDUCATION

M.Tech: Industrial
Biotechnology **Delhi
Technological University**,
Delhi, 06/2020
(7.14 CGPA)

B.Tech: Biotechnology
**Manav Rachna
International University**,
Faridabad, 07/2017
(7.87 CGPA)

LOVELY SINGH

PROFESSIONAL SUMMARY

Dedicated research professional with a history of meeting project goals through consistent and organized practices. Skilled in working under pressure and adapting to new situations and a fast learner.

WORK HISTORY

July 2020 - Current

Sphaera Pharma Pvt Ltd - Research Biologist, Gurgaon, India

- Operation and maintenance of LC-MS/MS instrument. Tuning of drugs in LC-MS/MS instruments.
- Perform bio-availability in the animal matrix and various sample preparation techniques.
- DMPK sample analysis in LC-MS/MS.
- Perform plasma conversion and stability in HPLC.

January 2017 - June 2017

IARI - Research Intern, New Delhi, India

Morphological, Physiological, and Genetic variability of *Fusarium oxysporum* lentil races and their management through biocontrol approach.

- Fungal culturing
- Plant DNA extraction
- Polymerase chain reaction
- Gel Electrophoresis

SKILLS

- Bio-analytical sample processing (plasma, urine, tissue)
- Polymerase chain reaction and electrophoresis.
- Hands on bio-analysis techniques such as liquid-liquid extraction, protein precipitation, and solid-phase extraction.
- Bio-analytical method development and validation for quantification of drugs (intermediate)
- Plant DNA extraction

INSTRUMENT HANDLING

- LC-MS/MS: SCIEX Triple Quad 6500+ coupled with Shimadzu UPLC (Nexra LC-40)
 - LC-MS/MS: AB SCIEX 3200 coupled with Agilent 1260 Infinity HPLC
 - Waters HPLC with Empower software
 - Thermo cycler (Eppendorf)
-

REFERENCES

- Dr. Siddhar Selvam Gandhi (Ph.D.)
Senior Research Scientist
Team Lead, (Bio-analytical)
Sphaera Pharma Pvt Ltd
Contact: 9791397675
- Ramesh Gannebonia
Senior Research Scientist
Novartis Pharmaceuticals (Hyderabad)
Contact: 9849673626