Profile

Contact

ADDRESS:

D-No: 6-458, Indira Nagar, Jaggayyapeta, Krishna, Andhra Pradesh-521175

PHONE:

+91-7893967132

EMAIL:

jithendra.kancharla@yahoo.com

Linked In:

https://www.linkedin.com/in/kancharla-jithendra-5192a5167/

Areas of Interest

- Cell and Molecular Biology
- Protein biology
- Pharmaceutical Biotechnology
- Drug discovery
- Autoimmune disorders

KANCHARLA JITHENDRA
MS. PHARM- BIOTECHNOLOGY

Career Objective- To utilize and develop my knowledge and skills to the fullest, helping me realize and develop my potential. Be a part of research that benefits the health care around the world, achieved by continuous learning and utmost dedication in respectable environment and advancement both professionally and personally

Work experience

Biocon Limited [Scientist]
15/07/2019–01/01/2021

- ✓ Worked as a scientist in R&D- involves process development for downstream processing of small molecules and peptides.
- ✓ Gained expertise in chromatography, purification and unit operations to generate final API
- ✓ Performed literature search, laboratory experiments, Scaleup studies, data/result analysis, Documentation and technology transfer
- ✓ Hands-on experience in working with HPLC, AKTA purification systems and other equipment involved in Unit operations

NIPER SAS Nagar- MS. Project
"Optimization of Growth Parameters for increasing the yield of human growth hormone in *Pichia pastoris*."

- ✓ Performed experiments to clone and express Human Growth Hormone in E. coli and *Pichia pastoris*
- ✓ Check the expression using SDS PAGE and Western blot analysis
- ✓ Troubleshooting the problems involved in expression and confirmation of *His6* tagged human growth hormone

Key strengths

- Ability to grasp quickly
- Enthusiastic to research
- Team working
- Communication Skills
- Adaptability
- Optimistic

Personal details

Father's Name: Mr K. Satya Sai Babu

Mother's Name: Mrs V. Sai Padmavathi

Date of Birth: 06-12-1994

Blood group: O +Ve

Languages Known

English (Excellent)- Read, Write, Verbal

Hindi (Fluent)- Read, Write, Verbal

Telugu (Native language)

Certifications

- CRISPR Cas9 genome editing and applications
- Genetics and Next Generation Sequencing for Bioinformatics

Competencies

- Cloning into yeast and Bacteria
- Protein expression in Yeast and Bacteria
- DNA isolation and Purification, PCR
- SDS PAGE, Agarose gel electrophoresis, western blot and dot-blot analysis
- Purification using HPLC and AKTA systems and Scaleup studies
- Good Knowledge of – Word, Excel and Powerpoint

Education

National Institute of Pharmaceutical Education and Research- SAS Nagar, Mohali, India.
M.S. (Pharm) Biotechnology, (2017 – 2019)

[Passed with a CGPA- 9.10/10. Gained Knowledge in Cell Biology, Molecular Biology, Immunology, rDNA technology and Microbiology.]

Acharya Nagarjuna University College of Pharmaceutical Sciences- Guntur, India.
Bachelor's in Pharmacy, (2013 – 2017)

[Graduated with a CGPA 9.53/10. Complete understanding of pharmaceutical sciences and knowledge in Pharmacology and Pharmaceutics.]

Andhra Pradesh Residential Junior college- Nagarjuna Sagar, Guntur, India.
Intermediate, 2010 - 2012

[Passed with 88.1%. Course work including concepts of Biology, Zoology, Physics and Chemistry]

Nagarjuna High School, Jaggaiahpet, India.
Secondary School certificate, 2010

[Passed with 94%. Basics in Science, Social, Mathematics and Languages]

Academic Achievements

- Qualified in AICTE-GPAT 2017 with an all-India rank of 2116
- Qualified in NIPER-JEE 2017 with an all-India rank of 389
- IELTS overall score- 8.0

References

Available upon request