





Lokesh P

| Young Scientist | Patient Advocate | Medical Reviewer | Clinical Analyst | Quality Associate | Young Health care Professional

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Skills

Oncology, teaching, microbiology, plating techniques, clinical informatics, quick learner, good clinical practices, team worker, hard worker, leadership, time management, computer networking, Microsoft office and good communication, laboratory handling, equipment handling, biochemical tests, calorimetry, microscopic techniques, quality research, biofertilizer production, sample collection, Leading association meeting

Areas of Interest

Teaching, biostatistics, oncology, clinical SAS programming, medical microbiology, medical representative, regulatory affairs, pharmacovigilance, computer system validation, microbiology, data science, phage therapy, medical writing, medical devices, medical coding, medical scribing, marketing, medical writing, scientific writing, molecular biology, food biotechnology, biofertilizer production technology, bioremediation, cancer biology, bioinformatics, cell culture, python, and computational biology.

Languages known

English, Tamil, Hindi and French.

Hobbies



PROFESSIONAL SUMMARY

Young Scientist with expertise in microbiology, real world research, healthcare, and good publication knowledge. Capable of **mentoring students with teaching strategies, digital literacy skills, and quality research. Strong organisational, professional, and analytical abilities**, eager to **contribute the dedication and hard work as a Professor in Virudhunagar Hindu Nadars Senthikumara Nadar College to enhance research and mentor the students for the betterment of the society and the college.**

WORK EXPERIENCE

Experience - Two years and five months

Omega Healthcare [December 2023 – Present]

Medical Reviewer/Clinical Data Abstractor– Global Technology and Data Solutions

- Performed Abstraction of **Heme cancer** and **solid cancers** independently.
- **Awarded as the employee of the quarter**
- Screening of cases by understand Inclusion and exclusion criteria and curate necessary data into **electronic case report from EMR (Electronic medical record) such as Epic, Onco EMR for to provide data services to pharmaceutical companies.**

Navya Care [February 2022 – November 2023]

My work experience at **Navya Care** began as a **Patient Advocate** [February 2022 – August 2022], but I was later **promoted** to **Clinical Analyst** [August 2022 – December 2022] and **Quality Associate** [January 2023 – Present].

Quality Associate – Global Patient Services

- Supported and guided the **patients and their families**, helping them **navigate the healthcare system**, understand **medical information**, and **make informed decisions** about their care.
- Implemented **quality assurance** activities to **ensure accuracy and consistency** in **case summaries and treatment recommendations.**
- Operated with **global cancer organisations** like **Memorial Sloan Kettering Cancer Centre, Access Hope and Princess Margaret Cancer Centre** as well as Indian cancer organisations like **Tata Memorial Hospital and Arignar Anna Cancer Hospital**
- **Analysed, annotated, extracted and interpreted** patient-specific **clinical data, including clinical information, pathology report results, radiology reports, NGS reports, somatic testing, germline testing, liquid biopsy, mutation testing and treatment histories** into the **medical case form** to provide a medical summary for the experts.
- Practised working on more than **1000 oncology cases**
- Gave **evidence-based treatment opinion** to more than **300 oncology cases.**
- Skilled on working in **extremely** complex cases with reports **that spanned over 1500 pages.**
- Navigated through **NCCN to provide treatment recommendations.**
- Translation of **expert response** to **patient/user friendly language** as a **patient report.**
- Worked with **TMC, PM, MSKCC, Arignar Anna Cancer Hospital** medical oncologist and haematologist to reduce their time to give expert opinion by analysing reports and creating structural summary.
- Worked on **Natural Language Processing (NLP), UAT (User Acceptance Testing), Automation of the patient report** projects on clinical data.
- Preparation of a medical summary for **liquid and solid neoplasms.**
- Performed **Root Cause Analysis** for escalated cases.
- Prepared a **brief summary** of the **patient's medical history.**
- Helped the patients in understanding their **diagnosis, treatment options, and potential side effects.**
- Assessed for the **mandatory reports.**

EDUCATION

Qualification	Institution	Years Passed	Percentage
M.Sc. (Applied Microbiology)	Vellore Institute of Technology	2022	79.9
BSc (Microbiology)	Ayya Nadar Janaki Ammal College	2020	69.3
HSC	KVS. Matriculation Higher Secondary School	2017	72.25
SSLC	KVS. Matriculation Higher Secondary School	2015	88.6

PUBLICATIONS

- Worked and published a research article on pyocyanin from *pseudomonas species* against colon cancer cell lines (HT - 29) [Journal of Chemical and Pharmaceutical Research, 2021, 13\(6\):01-18.](#)
- Mutated *Aspergillus flavus* for the bioremediation of Congo red using physical and chemical mutagens and manuscript got published in [Indian Journal of Environmental Protection](#)
- Prepared and distributed biofertilizers to farmers funded by NABARD bank.
- Performed ADMET Analysis with the cluster of anticancer drugs to find the efficient drug by representing them in graphs using the orange tool.
- Published a review article on probiotic microbiota against cancer, book chapters in Systemic lupus erythematosus and Formulation of herbal lip balm, [Bioremediation of plastics by the help of microbial tool: A way for control of plastic pollution](#) in Sustainable Chemistry for the Environment (Elsevier), and [Phage as medicine for bacterial disease in International Journal of Bacteriophage Research](#)

PROFESSIONAL TRAINING

- Completed a training in **Clinical research** offered by **Clini India** where I learnt about the concepts of **Clinical trial management, Clinical Data Management, Pharmacovigilance, and Medical writing.**
- Currently **pursuing Artificial Intelligence for all Data Science Course from Cloudy Machine Learning.**
- Accomplished a professional training offered by **Pharma Genie** in Quality Control there I learned about the concepts of data integrity, validation, **qualification, out of specification, risk assessment, deviation, LIMS software (Cloud LIMS), current good manufacturing practices, good documentation, CAPA, risk management Certificate number: PG- V- 6984 and successfully cleared the assessment on "International Regulatory Standards in Quality Control for life Sciences Industry" Certificate No: LS/IRSQC/2021276.**
- Completed certification courses in **Medical Laboratory Technology, Food Processing and Food Preservation, Biofertilizer Production Technology and Networking and Configuring IIS & FTP.**
- Attended a webinar on **"Brief of Computer System Validation"** by **Hitendrakumar Shah**

CONFERENCES ATTENDED

- Participated in **Online Workshop on Analytical Instruments (HPLC and UPLC) organized by VIT TBI.**
- Participated in **Application of Flow Cytometry in Health Sciences workshop Organized by ICMR-National Institute for Research in Reproductive Health (NIRRH), Mumbai and Cytometry Society (TCS), India in collaboration with Sun Pharma Science Foundation (SPSF).**
- Participated and presented on Insilco analysis in the interaction amid the bacteriophage PM16 and cancer in **the 2nd International Conference on Bacteriophage Research** conducted by **Society of Bacteriophage Research and Therapy.**
- Participated in **online non-credit course on 10 hours of Microsoft excel** conducted by Alphite Learning
- Participated in **Elementary Bioinformatics** organised by **IMS Ghaziabad.**