



INDRANI RAJESWARAN

(Medical Laboratory Scientific Officer/ Laboratory Technical Manager)

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Profile Summary

Skilled and experienced Medical Laboratory Scientist with a proven track record of success in variety success in a variety of settings. Expertise in a wide range of laboratory procedures, including sample preparation, analysis and data interpretation. Strong organizational and time management skills. Excellent communication and interpersonal skills.

Education History

- Master's in Business Administration (MBA) – UNIRAZAK (Ongoing; Completion in May 2025)
- Bachelor's in Biomedical Science (Hons.) – MAHSA University (September 2016 – November 2020)
- Bachelor's in Biomedical and Biological Science (Hons.) (Double Degree Award) – Anglia Ruskin University

Final Year Research Thesis (Degree) – A Global Patent Analysis of Novel Cardiovascular Devices and Its Market Availability.

Analyzing of patent documents and other related information from the patent lifecycle to obtain deeper insights into different technologies and innovation of cardiovascular devices. Tools: European and US Patent Office, MS Excel, etc.

- Foundation in Science – Surya College, Penang (February 2015 – February 2016)
- Sijil Pelajaran Malaysia (SPM) – St. George's Girls School, Georgetown, Penang (2013)

Experiences (i)

➤ **Laboratory Technical Manager**

Northern Medical Laboratory Sdn Bhd – (2023-Present)

(Diagnostic Department)

Manage laboratory operation in a managerial role. Monitor daily testing process, quality check, manage inventory and stock count monthly, weekly and daily, assist Quality manager and Deputy Quality Manager with the renewal of ISO documentation and certification, monitor all non-conformities and avoid NC's at all cost, monitor dispatch riders and collection centers daily on sample collection and transportation services, conduct CME'S and monthly meeting with all staff, assess staffs productivity and efficiency around lab practices, monitor reagent and consumable usage, maintain all files and documents related to tests and verify all tests, day to day authorization of test results and results transmission process, verification of daily worksheets, maintain analyzer maintenance and PPM services and conduct acceptance testing for new reagents and kits following SOP's criteria, advice and train staff of good laboratory conduct, conduct competency assessment to evaluate staff competency level in all test conducted in the lab. Conduct testing using ELISA techniques, and other manual and automated analyzers and kits according to the tests requested by clinics. Handling of stock and inventory for lab and other areas, handling of petty cash, conduct ILC, TEQA, MLE and LABQAS. Conduct interview and hiring of new staff.

Experiences (ii)

➤ **Medical Product Specialist**

AxisBio Diagnostics Sdn Bhd – (2023)

(Sales & Marketing – POCT, RTK, Blood Collection tubes & sets)

Responsible for the sales, marketing and support of POCT devices, test kits and blood collection tubes and accessories. Create and deliver sales presentations to potential customers, answer customer's questions and providing technical support, tracking and analyzing sales data to identify trends and opportunities, developing and executing marketing plans to promote the product and networking with people in the industry.

➤ **Research Assistant**

Cancer Research Malaysia – (2022 – 2023)

(Cancer Research – Breast Cancer/Throat & Neck Cancer)

Assist Research Associates and Head of Core Lab with clinical trials, collect, measure and analyse laboratory insights using standard and validated techniques, prepare progress reports, SOP's, guidelines and research protocols for ongoing and upcoming trials, assist study coordinator with sample collection and ensure compliance with protocol and overall clinical objectives, prepare materials and kits to granting agencies and foundations, assist with equipment maintenance, purchasing, and stocking consumables, preparing research reports, establishing safety standards and ensuring regulatory compliance.

➤ **Medical Laboratory Scientific Officer**

MAHSA Health Sdn Bhd – (2021 – 2022)

(Haematology, Biochemistry, Immunology, Molecular, Urinalysis)

Specimen reception and handling, processing, analysis of test results, reporting, maintaining patient records, handling hazardous materials and waste, preparing reagents, chemicals, solutions, performing tests on blood, urine and other bodily fluids, troubleshooting and resolving issues, operating LIS and SIMKA system, performing Quality Control (QC) and maintaining QC database, gathering data for quality improvement activities, attending meetings, seminars, webinars and workshops, providing instructions, guidance and help for new employees, trainees and interns, and serving as a mentor to team members. Involved in Covid-19 sample collection, handling, extraction by Genolution Nextractor instrument, analyzing through Gentier Thermocycler analyser, and validation of results. Set up molecular lab and created SOP's to assist with KKM accreditation. Assisted Medical Microbiologist from MKAK and Lab Manager's right hand.

➤ **Medical Laboratory Scientist**

Gribbles Pathology (M) Sdn Bhd – (2020 – 2021)

(Molecular Department)

Receive Covid-19 samples, analyze packaging, use ULTRA system, manage storage, process samples, prepare reagents, operate QuantStudio 5 Real-Time PCR System analyser, assist medical doctor with collection, perform rapid tests, verify results with Laboratory Manager, update laboratories, clinics, hospitals and doctors, work in teams, organize and prioritize workload, adhere to SOPs, perform assigned work safely, verify quality of reagents and materials, label and store materials, monitor laboratory inventory.

Personal Professional Achievement(s)

- Successfully received KKM accreditation for the operation of a Molecular lab.
- Successfully created SOPs for several labs for smooth operation.
- Trained interns and staffs on the lab workflows and processes.
- Successfully obtained new clients to purchase test kits and blood collection tubes.
- Successfully set up 2 labs for smooth operation.

Certification

- Content Marketing Certification (HubSpot Academy – April 2024)
- Advanced Google Analytics (Google Analytics for Business – Mar 2023)
- Certificate in Business Management (Oxford Home Study Center OHSC – Mar 2023)
- Healthcare Management (Great Learning – Mar 2023)
- Product Management (Great Learning – Mar 2023)
- Measles Outbreak Training (World Health Organization – Oct 2022)
- Microbiology A Back-to-basics webinar (Gaia Science (M) Sdn Bhd – Sep 2022)
- The Do's & Don'ts of Biosafety Cabinet (Gaia Science Sdn Bhd – Sep 2022)
- A Complete Guide to pH Measurement (Gaia Science Sdn Bhd – Jun 2022)
- Monkeypox: Epidemiology, preparedness and response for African outbreak contexts (World Health Organization – Jun 2022)
- SPSS for Research (Udemy: Online Courses – Jun 2022)
- Ultimate Guide to Automated Cell Counting (Gaia Science (M) Sdn Bhd – Jun 2022)
- The ELISA Principles & Troubleshooting (Gaia Science (M) Sdn Bhd – May 2022)
- Effective Chemical Management & Storage (Gaia Science (M) Sdn Bhd – Apr 2022)
- Introduction Series – Good Distribution Practice for Medical Device (GDPMD) (MEDIVICE CERTIFICATION – Apr 2022)
- Blood Collection via Vascular Access Devices (Asia-Pacific Federation for Clinical Biochemistry and Laboratory Medicine (APFCB) – Oct 2021)
- Droplet Digital PCR World 2021 – Day 1: Gene Therapy (Bio-Rad Laboratories – Jun 2021)
- Droplet Digital PCR World 2021 – Day 2: Molecular Diagnostics (Bio-Rad Laboratories – Jun 2021)
- Droplet Digital PCR World 2021 – Day 3: Viral Applications (Bio-Rad Laboratories – Jun 2021)
- Good Clinical Practice (GCP) – NIDA Clinical Trials Network (The National Institutes of Health – Jun 2022 – Jun 2023)

Skills

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| ➤ MS Office | ➤ Management Skills |
| ➤ Patent Search | ➤ Writing Skills |
| ➤ Computer Skills | ➤ Time Management |
| ➤ Laboratory Skills | ➤ Organizational Skills |
| ➤ Research Skills | ➤ Interpersonal Skills |
| ➤ Data Management | ➤ Teamwork |
| ➤ Communication Skills | ➤ Critical Thinking and Problem Solving |
| ➤ Presentation Skills | ➤ Detail Oriented |
| ➤ Leadership Skills | ➤ Analytical Skills |

