

ARYA SREEKUMAR

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CAREER OBJECTIVE

Seeking a position as a Microbiologist in a leading corporate and gain exposure to both existing and upcoming technologies while being resourceful and innovative.

EDUCATIONAL QUALIFICATIONS

Qualifications	University	Percentage	Pass out year
Master of Science in Medical Microbiology (M.Sc.)	School of Medical Education, Centre for Professional and Advanced Studies Mahatma Gandhi University, Kottayam	Result waiting	September 2019 – July 2022
Bachelor of Science in Medical Microbiology (B.Sc.)	School of Medical Education, Centre for Professional and Advanced Studies Mahatma Gandhi University, Kottayam	67%	August 2014 – April 2018
Higher Secondary Education	SNDP Higher Secondary School, Tripunithura, Ernakulam, Kerala.	86%	June 2012 – March 2014
Secondary Education	Georgian Academy High School, Tripunithura, Ernakulam, Kerala	90%	April 2011 – March 2012

WORK PROFILE

➤ **Trainee -Microbiology Department (Aug 2018 – Feb 2018)**

Bishop Benziger Hospital, Kollam, Kerala.

Responsibilities:

- Performed **bacterial and fungal staining procedures** with a review of smears, along with managing inter quality control check.
- Performed **blood culture, urine culture, stool culture, throat swab culture, pus culture** and other **body fluid culture** to diagnose disease-causing agents (bacteriology and mycology).
- Involved in interpreting the clinical significance of positive cultures and other abnormal test results under the supervision of the specialist microbiologist.
- Proficient in **Antibiotic Sensitivity Test** and **Biochemical Identification Tests**.
- Expertise in preparation of various culture media.
- Performed latex agglutination and rapid antigen tests.
- Managed serological and immunological tests like Leptospira IgM ELISA, Dengue IgM ELISA, ANA ELISA.
- Performed environment and operation theatre sterility testing.
- Managed sterilization and quality control in microbiology.
- Maintenance of records and data management.

➤ **Intern - Microbiology Department (Mar 2019 – Aug 2019)**

Bishop Benziger Hospital, Kollam, Kerala.

PROJECTS INVOLVED

- Seroprevalence of SARS CoV-2 IgG antibodies among low-risk group health workers of inter university centre for Biomedical Research and Super Speciality Hospital, Thalappady, Kottayam.
- Detection of dengue virus serotypes in dengue NS1 positive patients in a tertiary care centre in central Kerala.
- Evaluation of four commercial real-time RT-PCR for SARS CoV-2 diagnosis.
- Partial nucleotide sequencing of genes encoding for envelope protein and spike protein of SARS CoV-2 in Kerala.

PROFESSIONAL AFFILIATIONS

- Member of Association of Medical Microbiology and Biochemistry Students (AMMBS).
- Attended events organised by AMMBS.

SEMINARS ATTENDED

- ‘Microbiomes and Second Genome’ conducted as a part of MICROCON 2K15.
- ‘Genome’ conducted as a part of MICROFEST 2016.

LANGUAGES KNOWN

Proficiency in English, Malayalam and Hindi.

DECLARATION

I declare that the above information is factual to the best of my knowledge. If given an opportunity, I assure to do my finest of abilities in your esteemed organization.

Arya Sreekumar