



## **SARANNIA.S**

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## **Field of interest : Microbiology/biotechnology**

### **Summary**

**Assistant Manager Research and Development (Clinical Diagnostics) in ubio Biotechnology Systems having 2 years (Till date)**

**SKILLS:** Serology and Microbiological techniques, Purification of antibodies, Standardization of Diagnostic rapid test kit , ELISA, Immunization of animals for Antibody production. Immuno chromatography, Major involvement in Lateral flow assay.

**INSTRUMENTS HANDLED:** Iso flow coating machine, ELISA reader, Lyophilizer, Gel electrophoresis, Spectrophotometer and all major equipments in clinical lab.

### **EDUCATION**

**Sree Sankara College ,kalady**

Bsc in Microbiology ,Graduated April 2013 (72%)

**St. Xavier,s college for Women , Aluva**

Msc in Microbiology ,Post Graduated June 2015 (70%)

### **PROFESSIONAL EXPERIENCE & SKILLS:-**

#### **DIPLOMA IN COMPUTER APPLICATION (DCA)**

**Understanding the role of TNF  $\alpha$  and RIP kinase-1 in West Nile virus infected Astrocytes.** under the guidance of Dr.R.Radhakrishnapillai, Rajiv Gandhi Centre for Biotechnology , Thiruvananthapuram.

**Techniques :** DNA and RNA isolation, Gel electrophoresis, SDS page, Western Blotting, Immunofluorescence, Virus culturing and isolation, Immunofluorescence.

**Bioconversion of Whey in to animal feed using Lactic acid bacteria from curd** at J&J Biotech and Speciality chemicals (P) LTD. Aluva , Kochi, India.

**Techniques:** Isolation and identification of bacteria, Staining techniques, Biochemical characteristics, small scale fermentation.

**Presented a research paper as poster** in National Seminar on Immune Disorders & Recent Trends in Diagnostics organised by department of Microbiology, St.Xavier's College for Women , Aluva held during January 9<sup>th</sup> and 10<sup>th</sup> 2014.

**Languages Known: English, Malayalam, Tamil, Hindi**

**Date of Birth : 26-05-1992.**

**Nationality : Indian.**

I hereby declare that the above-mentioned particulars are true to the best of my knowledge and belief

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