

RESUME

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Career Objective

To work and succeed in an environment of self-development, growth and experience, where I could dedicate myself, use my knowledge and experience to be an asset for the organization.

To work for an organization with social capital, that can improve the way of life of people around the world and wherein I can put my experience, education, and skills, as a biochemist to ultimate use.

Education

- ❖ Masters of Science in Medical Biochemistry from School Of Medical Education, Kottayam, under M.G University during 2012-2015. (71%)
- ❖ Bachelors of Science in Chemistry from Newman College, Thodupuzha, under M.G University during 2009-2012. (70%)
- ❖ Completed 12th from M.K.N.M.H.S.S , Kumaramangalam under Kerala State Board during 2008-2009.(74%)
- ❖ Completed 10th from Vimalamatha Higher Secondary School , Kadalikadu under Kerala State Board during 2006-2007.(75%)

Technical Profile

HAEMATOLOGY LAB

- ❖ IFE.
- ❖ Blood routine.
- ❖ Blood smear preparation.
- ❖ HPLC.
- ❖ Serum electrophoresis.
- ❖ Serum immunoglobulin assay.
- ❖ Blood gas.

BIOCHEMISTRY LAB

- ❖ Blood sugar profile.
- ❖ Lipid profile.

- ❖ Anaemic profile: Iron, TIBC.
- ❖ Renal function test.
- ❖ Liver function test.
- ❖ Electrolyte analysis: Sodium/ potassium, Aterial blood gas, Urine spot sodium.
- ❖ Urine Analysis: Urine PCR, 24 hr urine protein.
- ❖ Calcium.
- ❖ Phosphorous.
- ❖ Uric acid.
- ❖ CKMB.
- ❖ Coagulation profile: BT, CT, PT, APTT.
- ❖ Karyotyping analysis: CBMN Assay, Lymphocyte culture, MDA.

SEROLOGY

- ❖ HIV.
- ❖ HCV.
- ❖ HBsAg.
- ❖ RA Factor.
- ❖ CRP.
- ❖ ASO.

RESEARCH LAB

- ❖ PCR.

INSTRUMENTATION

- ❖ COBAS INTEGRA 400 PLUS.
- ❖ COBAS 121.
- ❖ SELECTRA JUNIOR PRO-S.
- ❖ EASYLYTE.
- ❖ MICROLAB 200.

Strengths

- ❖ Managerial skills, organizing skills and knowledge of safety and lab procedures to ensure that laboratories operate smoothly and maintaining security standards.
- ❖ Detail oriented energetic individual with positive attitude to contribute the healthy functioning of the organization.
- ❖ Good analytical, logical, problem solving and critical thinking skills.
- ❖ Ability to Multitask and good time management skills.
- ❖ Good communication, writing, presentation and interpersonal skills.
- ❖ Friendly, Team Player, Self Confident and Great Patience.
- ❖ Willingness to Learn.
- ❖ Adaptability to changing environment.
- ❖ Keen eye for detail, especially in monitoring the work of technicians and interns.
- ❖ Ability to furnish reports, papers, and recommendations according to the results of the studies.
- ❖ Expertise in presenting research results to colleagues and other professionals.

Academic Projects

M. Sc. Medical Biochemistry Main Project

Molecular and Biochemical studies on subjects with increased waist circumference. The objective was to:

- ❖ To investigate the associations of metabolic syndrome and obesity in subjects with increased waist circumference.
- ❖ To examine the effect of increased waist circumference in DNA repair mechanism by Malondialdehyde test.
- ❖ To evaluate the relationship between increased waist circumference and its effect on DNA damage by CBMN assay.
- ❖ To analyze the relation between food habit and increased waist circumference.

Certifications And Experience

- ❖ **Senior Clinical Biochemist** in E.V.Diagnostic Laboratory, Thiruvananthapuram, Kerala. (October 3rd 2017 - Present)
- ❖ **Medical Biochemist** in Mar Baselios Medical Mission Hospital, Kothamangalam, Kerala. (**Head of Quality Assurance** in the department from April 14th 2016 – September 27th 2017.)
- ❖ Did internship in **Regional Cancer Center (RCC)** for a period of 360 hours as a part of clinical posting.
- ❖ **Lymphocyte culture, CBMN assay and MDA** for the purpose of karyotyping, to fulfill the needs of Main Project done in Genetica Lab, Trivandrum.
- ❖ Attended a seminar on ‘**Laboratory Accreditation and Quality Assurance**’ on **28 Feb 2015** at **Pushpagiri Institute Of Medical Sciences**.

Personal details

Date of Birth	15th October 1991.
Nationality	Indian.
Gender	Female.
Father's Name	Johnson Paul.
Mother's Name	Valsamma Johnson
Languages known	English, Malayalam, Tamil.
Hobbies	Cooking, Music etc.
Marital Status	Unmarried.

Declaration

I hereby declare that the above information is true to the best of my knowledge and belief.

PAVITHRA JOHNSON.