

Job profile for Bio-Informatician to include in the NGS team @ ASPIRE @ CCMB

**ASPIRE – Association for Promoting Innovation &
Research by Entrepreneurs**

Not for Profit Enterprise of CSIR-CCMB

Job Summary

ASPIRE has been involved in providing molecular diagnostics services and clinical validation based on next generation sequencing, to the public for over two decades.

Responsibilities and Duties

Job responsibilities-

- Co-ordinate with the laboratory personnel for preparing samples for NGS (DNA/RNA isolation and quality check).
- Process the post sequencing raw data after quality check measurements and identify disease causing variants.
- Follow standard protocols and guidelines (e.g. GATK) for NGS data analysis.
- Validation of variants using conventional methods like PCR, Sanger sequencing, RT-PCR etc., whenever required.
- Maintaining laboratory records for NGS samples and preparing reports.

Required Experience, Skills and Qualifications

Essential Skills- M.Sc. in Life Sciences/Biotechnology/Human Genetics & Genomics/Medical Genetics/relevant discipline with 1-2 year experience in advanced genetic diagnosis methods, including Next Generation Sequencing (NGS) data analysis.

Desirable Skills- Experience in determination of causative factors (variants) to gene/molecular level by correlating with the available genomic resources (databases, prediction tools, ACMG guidelines etc.) and clinical information and address suitable techniques for validation. Experience in NGS library preparation methods (Wet-lab) is an added advantage but not mandatory, should be willing to learn, if required.

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Salary – Best in industry as per experience

Last Date – 05.12.2019

Resume to be sent to aspire@ccmb.res.in; Phone: 040 2719530