

Laboratory Technician Job Posting



Company Overview

[Astarte Medical](#) is the first microbial health informatics company focused on improving health outcomes during the first 1000 days of life. This is a unique window of opportunity to optimize gut and immune health outcomes as it is a period of tremendous potential and enormous vulnerability. We are combining evidence-based research, microbiome data and an innovative software platform to optimize care and significantly improve outcomes, initially for our nation's tiniest and highest risk patient: preterm infants.

Our flagship product, MAGI, the Microbiome And Gut Inflammation score is a vital sign for the gut. MAGI quantifies gut health at the bedside, without requiring sequencing, by leveraging clinical and biodemographic data of both mom and baby and applies a proprietary algorithm to create a risk score. MAGI is based on the work of Astarte's scientific co-founder, Katherine Gregory, RN, PhD, who has spent the last 12 years conducting preterm infant microbiome and nutrition studies. We are creating the largest and most comprehensive dataset on preterm infant gut health. In the clinic, MAGI stratifies infants at risk, empowering clinicians to personalize care through better stewardship of antibiotics, optimized nutrition, and the introduction of pre- and probiotics. MAGI is currently in development and is expected to be ready for pilot in late 2019.

Job Description: Competitive applicants should have a Master's degree in biology or genomics, or a Bachelor's degree with at least 2-3 years of post-graduate experience working in related areas. The candidate will be responsible for planning and executing experiments aimed at profiling the phenotype and function of the microbial community ('microbiome') in stool samples from neonates. In addition to laboratory management, the candidate will be responsible for following best practices to carry out each step involved in high-throughput sequencing using the Illumina platform, including sample processing to extract DNA, preparation and quality assurance of sequencing libraries, and operation of Illumina miSeq, hiSeq and NextSeq instruments. The candidate will maintain and develop laboratory protocols, communicate results to senior scientists, participate and present data in group meetings, and will work as part of a small and interdisciplinary team. Maintaining accurate laboratory inventories, and coordinating the shipping, receipt and logging of biological samples is critical to the success of the position.

Location: Foster City, California

Timing: November 1, 2018

Contact:

Interested candidates should send a CV and cover letter to careers@astartemedical.com.

Debbie Vorp, Vice President of Operations
Office: (215) 595-2014