Scientist (Metabolomics) - Simply Biotech

OVERVIEW

Are you looking for a new career opportunity with an exciting biotech company?! Then we’ve got the right team for you! In this role, you’re responsible for the duties listed below.

Immediate opening for a Scientist (Metabolomics) in San Diego, CA who possesses:

- PhD in Analytical Chemistry, Biochemistry, Physical Chemistry or similar
- Metabolomics experience
- Very strong GC/MS experience

Email resumes to tmedley@simplybiotech.com or call 858.427.5239.

FULL DESCRIPTION:

The Metabolomics Scientist provides leadership, technical expertise and hands-on analytical method development within the Analytical Chemistry laboratory in support of all R&D needs. The ideal candidate will have strong background in analytical chemistry with an emphasis on state of the art metabolomics tools and techniques and will also be expert in small molecule mass spectrometry. This is a hands-on role which requires designing and conducting laboratory experiments, data interpretation and reporting, and mentoring/training of research associates within the Analytical Chemistry team. He or she will also be responsible for supporting cross-functional collaborations across diverse research programs. The successful candidate will frequently engage with technical teams to understand biological research questions and conceptualize/develop/validate metabolomics and other analytical chemistry methods to deliver effective solutions aimed at advancing versatile metabolic engineering efforts.

The selected candidate will further possess:

- The Metabolomics Scientist will be developing and implementing novel analytical methods for metabolite profiling and other measurements which may include analysis of small molecules, lipids, proteins, nucleic acids, carbohydrates, and elemental analysis in a variety of samples.
- Expert knowledge in sample preparation for identification and quantification of metabolites, and for flux analysis in complex biological matrices is required.
- Hands-on lipidomics expertise is a strong plus.
- Hands-on LIMS user, highly knowledgeable of “omics” databases and data analysis software packages.
- Ability to generate detailed protocols and optimized/validated standard operating procedures for both complex and routine methods.
- Ability to work efficiently and collaboratively in a fast-paced team environment, and to mentor and train others.
- Strong organizational skills, orientation to detail, ability to multitask and prioritize effectively.
- Critical thinking, highly self-motivated, flexible, and adaptable to changing priorities and resources.
- Must possess excellent interpersonal skills and have strong oral and written communication abilities.
- Must be able to demonstrate successful management and mentoring of direct reports in a fast-paced industrial environment.

The selected candidate will be responsible for the following:

- Demonstrated state-of-the-art technical capabilities, particularly with research level chromatographic separations (LC, GC, IC), quantitative MS of multiple simultaneously targeted analytes, accurate-mass MS, NMR interpretation, FTIR, Ultraviolet-Visible Spectrophotometry, plus modern extraction and small-scale purification strategies.
- A strong diverse knowledge of synthetic biology, biochemistry, inorganic chemistry, organic chemistry and physical chemistry.
- Experience with diverse types of biological materials for analysis - phototrophic systems experience a plus (pigment separation and analysis, chlorophyll and carotenoids).
• Experience with analysis of complex biological samples (e.g. lipids, proteins, nucleic acids, carbohydrates, natural products and hydrocarbons).
• Working knowledge of what metabolomics (and other analytics) can offer in the context of metabolic engineering.
• Experience with modern data acquisition and analysis software with chemometrics and statistics. Direct experience with Agilent software is highly desirable.
• Proven ability to operate, maintain, and troubleshoot versatile analytical instrumentation to maintain high standards of performance.
• Prior experience managing reporting personnel in a research or industry setting is a strong plus.
• Experience working with external contractors, such as partner companies or external laboratories involved in chemical analysis.
• Clear understanding of resource requirements to enable new methodologies and willingness to balance internal development with outsourcing.

For immediate and confidential consideration, please email your resume to Email resumes to tmedley@simplybiotech.com or call 858.427.5239.

More information can be found at www.simplybiotech.com.