Research Assistant – Bioprocessing

Agricen Sciences is an applied sciences research company leading the development of novel microbial and biochemical solutions for plant nutrition and health. As part of our ongoing growth, we have an opening for a Bioprocessing Research Associate. The successful candidate will perform a wide range of fermentation and bioprocessing experiments for developing microbial products that enhance plant health and growth. The ideal candidate will have BS or MS in chemical engineering or microbiology with experience in microbial culture and fermentation. The position is full-time and is located in Pilot Point, TX.

Job description – Essential duties and responsibilities

- Performing wide range of laboratory bench top experiments related to pipeline research projects and existing bioprocessing process
- Conducting fermentation experiments using shake flasks and bioreactors for microorganisms with the goal for higher productivity of active ingredients and higher bioactivity
- Conducting downstream processing and formulation experiments related to harvest, concentration, separation, drying etc
- Providing materials through fermentation for in-vitro and in-planta bioassays as well as field trials
- Responsible for sample collection, process monitoring, data collection and recording as well as maintenance of all relevant equipment.
- Conducting independent research with minimal supervision and contribute to experimental design, data analysis, technical reports and documentations
- Collaborating with scientists and research assistants in the research team
- Work schedule may include weekends

Desired Skills and Experience

- BS or MS in chemical engineering, microbiology or related discipline
- Hands-on experience in microbial fermentation and bioprocessing in academic or industrial settings are highly desirable
- Experience in standard analytical, biological and wet chemistry laboratory equipment as well as experience in aseptic technique and other classical microbiology techniques are desired
- Strong organizational and time-management skills are essential as well as good oral and written communication skills.
Email resume and cover letter in PDF format to Shelia Schroeder at hr@agricensci.com

General Information

Location: Pilot Point, TX 76258
Employee Type: full-time
Industry: Agricultural Biotechnology
Manages others: No
Job Type: Research Assistant
Education: BS/MS.
Experience: Laboratory