

SENIOR RESEARCH SCIENTIST

Intact Genomics is a leading biotech company in large DNA and metagenomic technologies. We are seeking a highly motivated, ambitious entrepreneurial Senior Scientist in Drug Discovery & Chemistry working on Streptomyces and other microbial heterologous expression, biosynthesis of microbial natural products (NPs), extraction, purification, chemical analysis, including chemical compound identification, purification, structure elucidation and biochemical pathway analysis, as well as early-stage drug discovery and development. To continue the company's rapid growth, the successful candidate will potentially lead the scientific efforts in a new division (IG Therapeutics) at Intact Genomics to accelerate the discovery of novel technologies and novel antibiotics, anticancer and other drug leads with our proprietary soil metagenomic and Fungal Artificial Chromosome (FAC) delivery platforms.

DUTIES & RESPONSIBILITIES

- Design, direct and execute complex experiments in Streptomyces and other microbial heterologous expression, biosynthesis of microbial natural products, including expression, identification, isolation, purification, and structure-elucidation of microbial NP compounds, working with our function team screening and characterizing the purified NP compounds for early stage drug discovery and development.
- Develop commercial products and services.
- Write experimental protocols, summary reports, analytical methods, SOPs. Implement, monitor and evaluate appropriate quality control program.
- Participate in and lead grant writing. Contribute to the company's intellectual property portfolio, scientific presentations, and publications.
- Perform other duties as assigned.

QUALIFICATIONS & REQUIREMENTS

- PhD in Chemistry/Biochemistry, Drug Discovery related field with a minimum of 2 years of extensive post-doctoral experience in biosynthesis of microbial NPs. Strong understanding of NP characterization techniques: NP preparation extraction, HPLC- LC,

Mass Spectrometry, NMR spectroscopy, and impurity profiling methods (GC, ICP-OES/MS, KF) and ability to conduct relevant analytical method developed.

- Superior prior experiences and a proved track record through publications or patents is a plus.
- Excellent English writing and verbal communication skills are essential. Experience with grant writing is highly desirable.
- Must be able to review laboratory records to ascertain compliance with applicable specifications, methods, and SOPs. Familiar with quality control methodology.
- Inquisitive, self-motivated, and adaptable with strong people skills. Ability to work independently as a team leader as well as collaboratively in a multi-disciplinary team environment.
- Strong problem-solving, leadership and multi-tasking project management skills.

HOW TO APPLY

Interested candidates should submit a cover letter, resume, research interest and three references to Dr. Chengcang Charles Wu, email: cwu@intactgenomics.com, or apply online at www.intactgenomics.com.