



GGA Software Services LLC

Position Description: Scientific Data Curator

Position: Scientific Data Curator
Type: Permanent
Location: Cambridge, MA
Travel: None
Compensation: Competitive compensation package commensurate with qualifications and experience

Company Description:

GGA provides world-class informatics services – software engineering, algorithm development, and data curation services – to companies ranging from early-stage companies to global corporations. We develop and maintain best-of-class informatics applications and content databases, as well as create state-of-the-art algorithms and models. GGA also provides ongoing support, maintenance, and quality assurance services.

The 400 professionals at GGA’s development facility in St. Petersburg, Russia, combine deep domain knowledge, mathematical expertise, and software engineering excellence to solve client problems in cutting-edge informatics areas. GGA’s project managers in Europe and the U.S. have a proven track record of working closely with clients to develop superior applications on time and within budget.

Position Description:

GGA Software Services is seeking an accomplished Scientific Data Curator to work on-site at a client’s facility in Cambridge, MA. The ideal candidate should be a highly motivated team player with a strong understanding of biology and biology data, expertise in drug and bioassay-related taxonomies and ontologies, as well as proficiency in IT technologies to support drug discovery and bioinformatics tools.

Responsibilities:

- Working directly with the client’s scientists to gather details required for registration of scientific assays in the client’s assay registration system. Sources of information might be reports and/or standard operating procedures capturing details of experiments, forms specifically designed by Senior Curators, and interviews with scientific assay owners.



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- Registration of assays including definition of assay metadata, categorization of assays and definition of result types that will be used for standardized result capture or mapping of existing results at loading.
- Registration of key biological entities used in assays, such as cell lines, tumor models, genomic reagents and biologics entities, into corresponding sample registration systems, ensuring the proper linkage between the sample registration systems and the assay registration system.
- Actively curating existing assays as needed, working closely with scientists in the client's research groups, and supporting them throughout the curation and validation processes.
- Working closely with the client's Scientific Data Curation Team.
- Working with internal software and project teams to support the client's informatics initiatives to meet their scientists' needs.

Qualifications:

- Advanced degree in biology and/or B.S. in Computer Science
- At least 2-3 years experience in a scientific or biotech environment
- Extensive knowledge in biology, especially in pharmacology research processes and data
- Understanding of drug and bioassay-related taxonomies and ontologies
- Scientific data curation experience
- Computer skills and the ability to rapidly learn new systems
- Understanding of relational databases and familiarity with Oracle and/or SQL server
- Experience with bioinformatics
- Strong communications and interpersonal skills
- Proven capabilities interacting with scientists and being customer service oriented
- Ability to work independently and/or as part of a team

