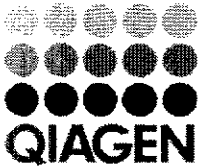


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## **Ontology Engineer/Bioinformatics Engineer for Cluj** **QIAGEN Bioinformatics** **Cluj, Romania / Redwood City, California**

The Ontology group is responsible for QIAGEN's large, high-quality Knowledge Base of biological concepts, and its use to integrate content curated from the literature and public databases into our customer applications. As a member of this group, you will join a dynamic cross-functional team composed of biologists, ontologists, bioinformaticians and software engineers working on truly cutting-edge technology. This is an excellent opportunity for individuals with interdisciplinary training in biology and computer science to contribute to the advancement of science and healthcare!

### **Required Knowledge, Skills, Abilities:**

- Basic understanding of molecular biology and genetics concepts
- Proven ability to solve problems using programming and scripting skills, especially in Perl, Python and/or Java.
- Proficiency with database design and query languages (e.g. SQL)
- Excellent critical and analytical thinking with strong attention to detail.
- Energetic and open-minded individual with excellent verbal and written communication skills.
- Enthusiasm to learn new technologies, explore diverse content, and algorithms.

### **Preferred Additional Experience:**

- Knowledge of one or more of the following: ontology, semantic technology, Artificial Intelligence, biomedical text mining, Natural Language Processing (NLP) or expert systems.
- Biological databases and ontologies such as GO, RefSeq, OMIM, PubMed, etc.
- Data integration from disparate sources such as flat files, XML, etc.
- Automating workflows/pipelines using tools such as shell scripting, Ant, Hudson, etc.
- Understanding of software development best practices, testing techniques.

### **Required Education:**

Masters or PhD degree in bioinformatics or computational biology; or in core computer or biological sciences with cross-training or experience in the other

If this job is interesting for you, just send an e-mail at [emilia.fechete@gmail.com](mailto:emilia.fechete@gmail.com) and we will be very glad to offer you more details.