

## Job Opportunity for Post Doctoral Fellow – Bioinformatics at Amgen

Amgen is an American multinational biopharmaceutical company headquartered in Thousand Oaks, California. We are seeking a postdoctoral fellow to perform bioinformatic analysis and multi-omic integration of data generated from an immunogenicity screening platform. The postdoctoral fellow will have two co-mentors, one with expertise in immunology and the other in Machine Learning. This position is part of a Center of Excellence based at Amgen's site in Burnaby, BC, Canada.

### Key Qualifications:

- Doctorate degree in bioinformatics or a related field
- Understanding of basic concepts of immunology
- Significant experience in single-cell RNA-seq analysis pipelines
- Excellent communicator, able to write and speak about technical concepts to business, technical, and lay audiences

### Responsibilities:

- Serve as the bioinformatics lead on a collaborative project focused on characterizing induced immune responses in an in vitro immunogenicity model
- Perform analysis of scRNAseq and proteomics data
- Perform rational multi-omic integration of resulting data
- Use the relevant data to generate training sets for Machine Learning
- Play a key role in data collection, model training, and deployment for property prediction
- The postdoctoral fellow will also receive personalized training in relevant areas of Machine Learning or immunology, as needed.

[Post Doctoral Fellow - Bioinformatics](#)



[www.careers.amgen.com](http://www.careers.amgen.com)