



CORAL

Immunologist - Full time
San Francisco, CA, USA

Our DNA

Coral was founded upon the principle that the shared evolutionary history that has shaped our biology is a resource which can transform patient care. Coral develops new clinical tests to help providers streamline prior authorization and select the most effective medication for a particular patient focusing on autoimmune conditions such as Inflammatory Bowel Disease and Rheumatoid Arthritis. It has also identified a unique population of non-responder patients and is working with drug developers to address this unmet medical need. We have a CLIA certified laboratory to develop our technology into a clinically available test.

Coral was founded by MIT/Broad Institute PhDs. It has stable funding for >2 years with backing from NIH grants and top venture firms including Y Combinator and 8VC.

We are looking for someone who wants to be a big part of this effort. This person is someone who is self-motivated, a self-starter, who is ready to make an impact. You will be joining a tight-knit team working closely with our Scientists, Machine Learning Engineers, and Clinical Specialists.

Responsibilities

- Independently design and perform studies interrogating cellular and molecular immune responses.
- Design and execute in vitro studies utilizing primary immune cells
- Develop immunological assays such as flow cytometry, cytokine analysis, qPCR, and ELISA.
- Collaborate with bioinformatics scientists to assist in data interpretation
- Troubleshoot, optimize, and trend assay performance
- Work with CLIA team to perform verification and validation studies for clinical test
- Culture and maintain cell lines for cell-based assays

About You

- Ph.D. in Immunology or related discipline
- 2-3 years of experience in immune and cellular methodologies including phenotypic characterization of immune cells, cell viability, and or relevant industry experience
- Experience working with primary cells and generating *in vitro* disease models is preferred.



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- Experience with high throughput genetic/drug screening is preferred
- Hands-on experience with designing, executing, and troubleshooting lab techniques
- Ability to work independently plan and with cross-functional teams
- Familiarity with documentation tools such as Google Docs / Microsoft Word
- Strong organizational skills, written and oral communication skills

Benefits

- Excellent medical, dental, and vision coverage
- High growth opportunities, including industry leading equity packages
- 401k matching
- Paid parental leave