



Meissa Vaccines

*1100 Island Drive Suite 202
Redwood City, CA 94065*

Scientist, Vaccine Stability and Assay Development

Are you ready to work for a small pioneering vaccine biotech? We are seeking a talented, ambitious team member who shares our passions for science and battling the burden of infectious diseases.

About Meissa Vaccines Inc.

Meissa Vaccines is a private biotech company developing novel live viral vaccines for the prevention of severe respiratory illness caused by respiratory syncytial virus (RSV), human metapneumovirus (hMPV) and human parainfluenza virus type 3 (hPIV3), which represents the largest unmet respiratory medical need in pediatrics. Our lead live attenuated RSV vaccine (MV-012-968), licensed from Emory University, was generated by synthetic biology using codon deoptimization of virulence genes. MV-012-968 is currently in Phase 1 clinical trials. The cofounders, Dr. Martin Moore and Dr. Roderick Tang, are supported by a team with extensive experience in conducting preclinical research and vaccine clinical development.

Candidate Profile and Job Description

Meissa is seeking a full-time PhD scientist to perform virology and ELISA assays in support of vaccine formulation and delivery device development, at Meissa and external partner laboratories, as well as the evaluation of vaccine stability. This individual, reporting to the Chief Scientific Officer, will contribute to the product development of the lead RSV clinical candidate, as well as additional pipeline programs. The candidate should be passionate about our company mission of improving global public health by developing innovative and safe vaccines against important respiratory viruses.

The ideal candidate should have a strong background in the manipulation and analysis of viruses and ability to translate their knowledge into practical assays to support the development of novel vaccines and the assessment of their stability. Experience in common methods of virus preservation including formulation and lyophilization are a plus. Preference will be given to local San Francisco Bay Area candidates with biotech or directly relevant academic experience. Candidate should have a high level of integrity and the ability to take on different roles as required in a small company, able to lead independent projects, and be a team player that shares the founders' passion in bringing these vaccines to patients. A key responsibility of this position will be the execution of carefully developed protocols and writing robust reports to support regulatory filings. Strong written and oral communication skills and ability to organize work are required.

Qualified candidates must be legally authorized to work in the United States. Additionally, Meissa is not able to provide sponsorship for employment visa status for this position.

Principal Duties and Responsibilities

The PhD scientist will perform and support research activities leading to advances in CMC and product development across the Meissa portfolio. The scientist will present her/his results at national meetings and provide project updates to senior management. The candidate must be self-motivated to stay current with the literature and should have strong written and oral communications skills.

Skills

- Working with other employees and external consultants, execute experiments to develop and characterize vaccine manufacturing processes and formulations
- Perform experiments to characterize the stability of drug substances and drug products
- Assist in delivery device selection and performance characterization
- Develop robust data to support regulatory filings in support of vaccines development
- Design and perform virus quantitation assays – cell-based infectivity, qPCR, ELISA, chromatographic and other virology and protein chemistry assays as required
- Assist in data analysis and report writing
- Interact and collaborate with vendors and research contract organizations (CROs)

For consideration, please send a resume and cover letter expressing interest to:

careers@meissavaccines.com, plus CC: roderick.tang@meissavaccines.com, george.trager@meissavaccines.com

Meissa Vaccines offers competitive salary and comprehensive benefits, including group medical, dental, and vision, as well as company paid life, AD&D, short/long term disability, holiday pay, sick time, and generous paid vacation.

Meissa Vaccines Inc. is an Equal Opportunity Employer. We celebrate diversity and are committed to creating an inclusive environment for all Team members. Meissa Vaccines, Inc. does not discriminate on the basis of race, religion, color, sex, gender identity, sexual orientation, age, non-disqualifying physical or mental disability, national origin, veteran status or any other basis covered by appropriate law. All employment is decided on the basis of qualifications, merit, and business need.