



Meissa Vaccines

JLABS@SFF

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South San Francisco

CA 94080

www.meissavaccines.com

JOB DESCRIPTION: Full-time PhD Virologist – Meissa Vaccines Inc. 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). Our lead live attenuated RSV vaccine candidate (MV-012-968) licensed from Emory University was generated by synthetic biology using codon deoptimization of virulence genes.

The ideal job candidate will be a highly motivated individual with experience working with RNA viruses and ability to translate their knowledge into practice. Interest and experience working with a small team in an entrepreneurial environment with broad responsibilities and opportunities is highly desirable. The candidate should have a high level of integrity and an ability to take on different roles as required in a rapidly evolving and opportunistic environment. The candidate should be able to lead independent projects and be a team player that shares the founders' passion for bringing vaccines to patients.

Principal Duties and Responsibilities

The PhD virologist will perform and support research and preclinical activities leading to IND submissions across the Meissa portfolio including generation of pipeline vaccine candidates, managing proof-of-concept animal studies at Contract Research Organizations (CROs), and support clinical assays. The virologist will present her/his results at national and international meetings and participate in writing grants. The candidate must be self-motivated to stay current with the literature and should write well and communicate clearly.

Skills

- Cloning and generation of RNA viruses using recombinant DNA techniques
- Characterization of RNA viruses by Western blots, Northern blots, growth curves, and sequence analyses of virus genomes
- Design and perform antibody assays – plaque neutralization assays, ELISA, and other immunology assays
- Participate in grant solicitation and writing
- Participate in regulatory submissions
- Manage junior scientists
- Interact and manage vendors and CROs

Please send resume and cover letter expressing interest to roderick.tang@meissavaccines.com or martin.moore@meissavaccines.com

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