MMAVax

CSO Start Up - Biotechnology

FFA/July 2023

Biotech Introduction

MMAVax project is a start-up currently incubated at SATT-Linksium -an incubator located in Grenoble (France)- and soon to be fully incorporated as a Biotech company operating in immuno-infectiology and aiming at fighting against multiresistant pathogens. The founders of this new venture include an international pharma/biotech executive (Frederic Fasano - CEO) and a world class academic scientist, highly specialized in Infectious Diseases (Pr. Audrey Le Gouellec – Scientific advisor).

MMAVax has been recently awarded the « i-Lab prize » granted by the French BPI (Banque Publique d'Investissement). It is developing a vaccine candidate which will be soon clinically ready and a potential technological platform licensed from an academic research lab. This innovative technology is based upon an attenuation process of highly genetically engineered strains of bacteria. This robust biomanufacturing process will allow to deliver a prophylactic first-inclass, whole-cell vaccine aiming at preventing primo-infection as well as subsequent colonization. This new treatment option is expected to reduce the devastating consequences of such infections, in particular on the morbimortality prognosis of these "high risk" populations of patient.

What We are Offering

In this exciting and challenging role, as the second in command the Chief Scientific Officer (CSO) will report to the CEO and participate in setting up the company strategy and business objectives. You will play a key role in the growth of the company by settling external collaborations and partnerships, and providing a strategic focus on collaborative developments, timelines and budgets. The R&D and Manufacturing Process Development team will be recruited, including pre-clinical and clinical Project Managers specializing in infectious diseases and scientists in biomanufacturing and microbiology areas.

You will provide leadership, strategic and technical directions to the staff, ensuring organizational excellence, managing appropriately key competencies in place, and recruiting top talents. Therefore, we are offering an opportunity to be part of bringing a first-in-class vaccine in an area of high unmet medical need, and this in a dynamic and entrepreneurial environment.

Who We are seeking

A Leader capable of managing innovative projects (plan and execution) including the current vaccine candidate program as well as the platform/pipeline development program in a startup environment.

Key responsibilities:

• Work collaboratively internally as well as with external partners such as academic institutions, contract research organizations and/or contract development manufacturing organizations

• Develop and scale up technologies in genetically modified bacterial strains and vaccine attenuation processes with the teams

• Develop breakthrough formulations around adjuvant technologies and new ways of administration with the teams

• Ensure R&D and Manufacturing Process Developments are fully aligned with quality goals and company objectives

• Support the staff with daily R&D and Process Development activities – preclinical studies, tech transfer and upscaling process, formulation, batch troubleshooting

• Supervise GLP/GMP batches releases with the CDMO

• Review current lab documentation (preclinical dataset, source documents, protocols, reports, specifications) to be regulatory ready

• Work closely with Regulatory to draft the CTD (Common Technical Document)

• Support or conduct audits (Health Authorities, third parties, customers)

• Provide corporate and technical presentations

• Ensure compliance with internal quality/safety as well as the current standards of GLP and GMP

• Ensure all collaborators are fully trained on all relative SOP's and procedures

• Provide training and evaluate performance of the R&D staff on a biyearly basis Profil

• PhD in Life Science (Immunology, Microbiology) or in biochemistry

• At least 10-15 years of experience in pharmaceutical development and product transfer including C-level executive management

• Major publications as lead author and/or patents filed in the last 5 years

• Sound knowledge of Pharma worldwide regulations (ICH, GMP)

• Experience in early & late development, clinical supplies management and scale-up processes

• Good background in CMC development (Drug Substance and Drug Product) and CTD writing

• Good knowledge/Experience in infectious diseases, immunology and vaccinology as well as in biomanufacturing processes

• Proven success in driving product development and proven global experience

• Ability to leverage the R&D portfolio against strategy and being involved in determining right product roadmap

• Must be a good team builder who can effectively and efficiently grow the organization to meet business goals.

• Technical/scientific problem-solving skills

• A partnering, consultative and open manner is key to success in this role.

• Excellent written and verbal communication skills in English and necessarily fluent in French The ideal fit has a scientific background along with a track-record in bringing medical innovation from the preclinic to the patient.

Collaboration type

6/12 months consultancy with an opportunity to join as a Partner/Executive position.

Place of work

Grenoble region (France) for 50% and distance work for 50% Contacts

Send you CV to Pierre-Yves.Perche@Linksium.fr