

25 Feb 2022 | Interviews

Afrigen Chief On mRNA Vaccine Candidate, IP Hoops, Market-Shaping Efforts

by Anju Ghangurde

Petro Terblanche, managing director of Afrigen Biologics, talks to *Scrip* about a range of critical issues pertaining to the mRNA COVID-19 vaccine candidate being progressed under the wider WHO-backed technology hub initiative in South Africa and which is based on publicly-available Moderna data. Various tools and approaches are on hand to tackle the labyrinth of patents involved, though the hub, the executive underscores, will not infringe intellectual property rights.

Afrigen Biologics has been in the spotlight after it developed an mRNA COVID-19 vaccine candidate based on publicly available [Moderna, Inc.](#) data. The Cape Town-based firm's efforts are part of a wider World Health Organization-backed mRNA vaccine technology hub initiative in South Africa.

Afrigen's managing director, Petro Terblanche, discusses with *Scrip* plans to progress the candidate, collaboration discussions with firms across countries including in the US and Canada, and production scale-up challenges. There have also been "outreach" efforts from companies in India and also China, she noted.

Terblanche outlined the various options and tools to traverse the complex intellectual property rights landscape for mRNA vaccines but underscored that the hub and the WHO have no intent to infringe patents.

"I think this is the one part that challenges all our cognitive capabilities. There are many players, many patents. There are composition patents, process patents, design patents – it's a very complex landscape," she explained. Listen to the full interview to hear what more she had to say.

Podcast Time Stamps

00:08 Introduction

02:28 Testimony To Scientific Excellence In South Africa

04:35 Engaging With the US NIH, Scientists In Australia, Europe

06:01 No Assistance Yet From Moderna Or Pfizer/BioNTech

08:23 Scale Up Challenges

9:35 Outreach From Companies In India

12:32 Market Shaping, Procurement Systems

14:29 IP Landscape Is Complex

[*Click here to explore this interactive content online*](#) ✨

This and all our other podcasts are available on the Informa Pharma Intelligence channel on [*Apple Podcasts*](#), [*Google Podcasts*](#), [*SoundCloud*](#), [*TuneIn*](#) and [*Spotify Podcasts*](#), and via smart speakers if one of these platforms has been set up as your default podcast provider.

Related Stories:

[*https://scrip.pharmaintelligence.informa.com/SC145852/Yes-We-Can-South-African-Scientists-On-Their-Way-With-mRNA-Vaccine*](https://scrip.pharmaintelligence.informa.com/SC145852/Yes-We-Can-South-African-Scientists-On-Their-Way-With-mRNA-Vaccine)

[*https://pink.pharmaintelligence.informa.com/PS145749/Need-For-Skilled-Workforce-A-Key-Issue-In-Countries-Using-mRNA-Tech-Transfer*](https://pink.pharmaintelligence.informa.com/PS145749/Need-For-Skilled-Workforce-A-Key-Issue-In-Countries-Using-mRNA-Tech-Transfer)

[*https://pink.pharmaintelligence.informa.com/PS145732/Coronavirus-Notebook-Six-African-Countries-To-Produce-mRNA-Vaccines-CEPI-Funds-Indian-Candidates*](https://pink.pharmaintelligence.informa.com/PS145732/Coronavirus-Notebook-Six-African-Countries-To-Produce-mRNA-Vaccines-CEPI-Funds-Indian-Candidates)

[*https://invivo.pharmaintelligence.informa.com/IV125010/Calls-For-COVID-Patent-Waivers-Persist-As-Pooling-Initiatives-Plough-Ahead*](https://invivo.pharmaintelligence.informa.com/IV125010/Calls-For-COVID-Patent-Waivers-Persist-As-Pooling-Initiatives-Plough-Ahead)

[*https://pink.pharmaintelligence.informa.com/PS145491/Year-Of-IP-From-The-TRIPS-Waiver-*](https://pink.pharmaintelligence.informa.com/PS145491/Year-Of-IP-From-The-TRIPS-Waiver-)

[Proposal-To-The-Moderna-NIH-Patent-Tussle](#)

<https://scrip.pharmaintelligence.informa.com/SC144961/Indian-Biotech-In-mRNA-Push-As-COVID-19-Vaccine-Moves-To-Phase-II>

<https://generics.pharmaintelligence.informa.com/GB151643/South-Africa-Must-Revoke-Key-COVID19-Patents-Says-MSF>

[https://scrip.pharmaintelligence.informa.com/SC145493/China-mRNA-Player-Abogen-Gets-\\$300m-More-As-Country-Eyes-Omicron-Threat](https://scrip.pharmaintelligence.informa.com/SC145493/China-mRNA-Player-Abogen-Gets-$300m-More-As-Country-Eyes-Omicron-Threat)