

Stock Data

Share Price:	12.38p
Market Cap:	£19.2m
Shares in issue:	154.7m

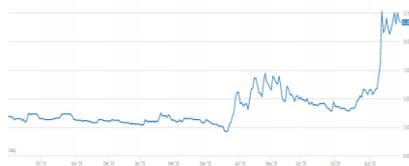
Company Profile

Sector:	Pharmaceuticals
Ticker:	N4P
Exchange:	AIM

Activities

N4 Pharma plc ('N4P, 'the Group') is a specialist pharmaceutical company developing a novel silica nanoparticle delivery system for vaccines and therapeutics for licensing to pharmaceutical and biotech partners. This nanoparticle has the potential to help the delivery of cancer immunotherapy drugs and improve the delivery of viral vaccines. Nuvec® the Company's lead development is a unique, non-viral adjuvant delivery system that has the potential to revolutionise vaccines and cancer treatments.

1-year Share price performance



Source: LSE

Past performance is not an indication of future performance.

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N4 Pharma plc

N4P has announced the appointment of [Ardena Holding NV](#) ('Ardena') as its contract development and manufacturing organisation ('CDMO') partner for the technology transfer and upscaling manufacture of [Nuvec®](#), the Group's unique silica nanoparticle delivery system. With focus remaining on the optimisation of Nuvec®'s formulation along with continued generation of data for its advancement and prospective applications, N4P recognised the importance of having access to a highly consistent product across its studies along with the potential to move to GMP certification as and when required. With the contract divided into three separate stages, Ardena's multidisciplinary team was selected for its ideally matched range of skills and experiences, along with a rigorous and comprehensive approach to compiling regulatory dossier in a timely/cost-efficient manner that might best support Nuvec® as it moves toward either partnered or independent clinical development.

Ardena's contract divided into three stages

Ardena is a one-source partner that supports drug development companies in their navigation from molecule to clinic. It offers an integrated, flexible service encompassing drug substance production, dosage form manufacture, clinical logistics, bioanalysis and dossier development. The contract agreed with N4P is divided into three specific stages as follows:

1. Establishing an understanding of the current manufacture process, scale-up and analysis of the transfer of technology;
2. Process optimisation and scale-up resulting in the manufacture and analysis of a non-GMP 50g batch of Nuvec®;
3. Manufacture, testing and product certification of Nuvec® for GMP status.

While the manufacture specified by N4P will initially be for the fundamental 'naked' Nuvec® silica nanoparticles, Ardena nevertheless has the ability to produce functionalised particles as may be required by the Group or any collaborators from time to time. It's precision particle engineering and characterisation technologies also bring experience in the production of nanoparticles (liposomes, PLGA micro and nanospheres, silica nanoparticle), which is of particular relevance for Nuvec®.

Opportunity for COVID-19 trials collaboration

While N4P's virtual model and contracted laboratories have ensured its testing schedules have not been significantly hindered by the lockdown, the COVID-19 Pandemic has nevertheless provided it with an ideal opportunity to demonstrate how Nuvec® might substantially enhance delivery of a potential coronavirus vaccine, as well as developments for other viruses that may well surface in the future. Having already demonstrated improved product consistency along with the creation of a significant data pack, N4P appears ideally placed to commence licensing discussions with prospective partners as it continues to progress its work streams. Importantly, the Group's successful £2m gross fundraise announced on [13 May 2020](#) sufficiently bolstered its balance sheet to ensure development work can move up a gear. Today's news in tandem with the continuing relaxation of lockdown restrictions, means TPI considers 2H 2020 operational burn can be expected to ramp-up from the c.£75k/month seen during 2019, as N4P concludes its proof of concept ('POC') work and progresses the more recently identified opportunity for [oral delivery](#). Potentially, this could be sufficient to attract participation in a COVID-19 vaccine development programme(s), thereby moving Nuvec® toward its first (partner-dependent) clinical trials collaboration along with demonstration of its GMP scalability.

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