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N4 Pharma Plc

("N4 Pharma" or the "Company")

Double siRNA Testing Update

N4 Pharma Plc (AIM: N4P), the specialist pharmaceutical company developing Nuvec®, a novel delivery system for cancer treatments and vaccines, is pleased to announce successful *in vitro* testing of Nuvec® loaded with two small interfering RNA (siRNA) probes.

On 14 September 2022, the Company announced a strategic update highlighting its intention to focus its further development work on multiple loaded siRNA on Nuvec®.

The Company has now completed initial *in vitro* testing of Nuvec® loaded with two generic siRNA probes, GFP (Green Fluorescent protein) and EHMT-2 (Euchromatic Histone Lysine Methyltransferase 2) at the same time. The siRNA probes were loaded onto Nuvec® in equal amounts, at a concentration previously shown to be active. Testing demonstrated that both siRNA probes when loaded onto Nuvec® were able to significantly silence their respective targets.

Nigel Theobald, Chief Executive Officer of the Company, commented:

"Showing that Nuvec® loaded with two generic siRNA probes still achieves significant silencing of their respective genes is validation for us to now begin the further work that we announced on 14 September with EGFR and BCl-2 in a PC9 lung cancer model.

"Achieving the initial successful testing of Nuvec® with the generic GFP and EHMT-2 siRNA will also allow us to commence commercial outreach discussions which will only be further strengthened by the results from the new work we are undertaking."

The information contained within this announcement is deemed by the Company to constitute inside information as stipulated under the Market Abuse Regulations (EU) No. 596/2014 which has been incorporated into UK law by the European Union (Withdrawal) Act 2018.

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About N4 Pharma

N4 Pharma is a specialist pharmaceutical company developing a novel delivery system for cancer and vaccine treatments using its unique silica nanoparticle delivery system called Nuvec®.

N4 Pharma's business model is to partner with companies developing novel antigens for cancer and vaccine treatments to use Nuvec® as the delivery vehicle to get their antigen into cells to express the protein needed for the required immunity. As these products progress through pre clinical and clinical programs, N4 Pharma will seek to receive up front payments, milestone payments and ultimately royalty payments once products reach the market.

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