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N4 Pharma PLC
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N4 Pharma plc
("N4 Pharma" or the "Company")

Oral Delivery Update

N4 Pharma Plc (AIM: N4P), the specialist pharmaceutical company developing Nuvec®, a novel delivery system for cancer treatments and vaccines, is pleased to provide a further positive update on its ongoing oral delivery research work.

The Company, through its research program with the University of Queensland, has undertaken further testing, *in vivo*, to show the successful delivery of a Nuvec® capsule into the intestine where it has released its plasmid DNA payload to produce localised protein expression. This work further demonstrates the potential of Nuvec® as an oral delivery system for multiple nucleotide payloads.

Specifically, in this experiment an enterically coated capsule containing PEGylated Nuvec® loaded with a plasmid DNA expressing ovalbumin was administered on day 0 and subsequent capsules on day 3, day 6, day 9 and a booster capsule at day 21. Protein expression was significantly higher than control (DNA alone and non-PEGylated DNA loaded Nuvec®) up until day 25 which subsequently dropped away by day 36. In addition, a significantly higher ovalbumin antibody response was measured at day 36 in the PEGylated Nuvec® sample compared to control.

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

"This work once more clearly shows that Nuvec® has the potential to be developed as an oral delivery system for plasmid DNA, mRNA or siRNA with many potential applications such as a vaccination with plasmid DNA or to deliver a local product for Irritable Bowel Disease or to treat colonic cancer among many possible examples.

"We will continue to scope out the work needed to explore a potential development program focusing on a specific oral application and further news on this will be announced when a program is identified. In the meantime, the University of Queensland will continue its work as part of our ARC funded grant with them."

For more information please contact:

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About N4 Pharma

N4 Pharma is a specialist pharmaceutical company developing a novel delivery system for oncology, gene therapy and vaccines using its unique silica nanoparticle delivery system called Nuvec®.

N4 Pharma's business model is to partner with companies developing novel antigens in these fields to use Nuvec® as the delivery vehicle for these antigens. As these products progress through pre clinical and clinical programs, N4 Pharma will seek to receive upfront payments, milestone payments and ultimately royalty payments once products reach the market.

For further information on the Company visit www.n4pharma.com or sign up at investors.n4pharma.com.

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