

Poster presentation at ERS Congress highlights RXC006 as a novel and promising drug candidate for the treatment of idiopathic pulmonary fibrosis (IPF)

23 Sep 2019

First-in-class treatment for IPF targeting the Wnt signalling pathway is expected to enter the clinic in H2 2020

Alderley Park, 23 September 2019 Redx Pharma (AIM: REDX), the drug discovery and development company focused on cancer and fibrosis, announces that the Company's submitted abstract has been accepted for presentation as a poster at the European Respiratory Society (ERS) International Congress 2019 in Madrid, Spain, 28 September – 2 October 2019.

The poster relates to RXC006, the Company's oral porcupine inhibitor targeting the Wnt signalling pathway, that is being developed as a first-in-class treatment for the orphan disease, idiopathic pulmonary fibrosis (IPF), a severe and life-threatening chronic lung condition with very poor prognosis and limited treatment options. RXC006 has successfully progressed into manufacturing scale-up and toxicity studies and the Company aims to take RXC006 into the clinic during the second half of 2020.

The poster, titled '*Pre-clinical data using candidate RXC006 demonstrates that porcupine is a novel and promising target for the treatment of Idiopathic Pulmonary Fibrosis*' showcases how Wnt signalling is instrumental in driving fibrogenic processes and that suppression of porcupine is a valid method of ameliorating fibrosis. The pre-clinical data for RXC006, coupled with the clinical observations of enhanced Wnt signalling in IPF and the promising tolerability data from other porcupine inhibitors in the clinic, suggests that RXC006 may provide a novel and effective therapy for treating IPF.

IPF is a life-threatening fibrotic lung condition with diagnosed prevalence projected to increase from 119,000 (2015) to 138,000 (2025) cases by 2025 in 7 major markets worldwide. Only two regulatory-approved agents, Ofev®(nintedanib) and Esbriet® (pirfenidone), are currently available to treat IPF in patients. With increasing unmet need for effective treatments and growth in patient population, product sales in IPF are projected to increase to US\$3.2b by 2025.¹

Richard Armer, Chief Scientific Officer of Redx Pharma, commented; “We are delighted that our abstract has been accepted for a poster presentation at the prestigious ERS International Congress. We are encouraged by the positive pre-clinical data, summarised in the poster, which suggests that RXC006 may provide a novel and effective therapy for treating IPF, an undertreated, progressive and ultimately fatal disease. We look forward to initiating first-in-man studies of RXC006 during the second half of 2020.”

The abstract will be presented as a poster on 29 September 2019 between 10:45am – 12:45am CEST. Please find further details below:

Poster Title: Pre-clinical data using candidate RXC006 demonstrates that porcupine is a novel and promising target for the treatment of Idiopathic Pulmonary Fibrosis

First author: Dr. Peter Bunyard, Head of Fibrosis, Redx Pharma

Date & Time: Sunday 29 September 2019, 10:45am – 12:45am CEST

Session Category: Poster discussion – Extracellular matrix formation and remodelling in physiology and disease

Session no.: Session 91

Location: 7B

Poster Board Number: PA589

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About RXC006

Redx has invested into research to target the Wnt / β -Catenin signalling pathway by inhibition of the upstream porcupine enzyme and has built considerable knowledge and expertise in this scientific area. Our most advanced porcupine inhibitor, RXC004, is currently being investigated in clinical trials for the treatment of a range of cancers. RXC006, is a first-in-class oral porcupine inhibitor designed for use in the treatment of the life threatening disease, idiopathic pulmonary fibrosis (IPF). Following its nomination as a development candidate late last year, RXC006 has successfully progressed into manufacturing and toxicity studies aimed at taking RXC006 into the clinic during the second half of 2020.

About Redx Pharma Plc

Redx is a UK based biotechnology company whose shares are traded on AIM ([AIM:REDX](#)). Redx's vision is to become a leading biotech focused on the development of novel precision medicines that have the potential to transform treatment in oncology and fibrotic diseases.

If you would like to sign up to regular alerts from Redx Pharma, please follow this link <https://www.redxpharma.com/investors/email-alerts/>

References

1. Patient/Commercial Data sources from GlobalData; 7 major regions include countries US, EU5 (United Kingdom, Germany, France, Italy, Spain) and Japan