

19 February 2024

Physiomics plc
("Physiomics" or the "Company")

Contract Award

Physiomics plc (AIM: PYC), a leading mathematical modelling and data science company supporting the development of new therapeutics and personalised medicine solutions, is pleased to announce that it has been chosen by The University of Sheffield (the "University") to support a grant funded project focused on an insect (Fruit fly) model of cancer treatment. The value of this work to Physiomics will be £45k and will commence in the second half of this calendar year. The work is in support of one of seven cancer-focused projects recently announced by the University (<https://www.sheffield.ac.uk/news/future-cancer-research-yorkshire-receives-ps89-million-funding-boost>), all of which will be funded by Yorkshire Cancer Research.

This work follows on from a pilot project with the University, funded by the UK Research and Innovation (UKRI) Higher Education Innovation Funding (HEIF) scheme (announced 31 May 2023), and Physiomics will once again be working with principal investigator Dr Kyra Campbell, who has led a significant programme of research in this field since December 2021. The project is focused on the development of an insect model of cancer that could be used to screen new drugs prior to pre-clinical testing in more traditional models of cancer and has a particular focus on the prediction of metastasis. This new approach could provide important insights into the development of novel cancer therapies as well as potentially reduce the number of pre-clinical animals involved in the drug development process. Physiomics' role will be to create mathematical models based on experimental data generated by Dr Campbell and her team and explore the relationship between the effect of drugs in these models, established models and humans. Physiomics will also provide advice and guidance on the possible commercialisation of the technology.

Dr Peter Sargent, CEO of Physiomics, commented:

"We are delighted to have been selected once again by The University of Sheffield to support a highly innovative research program with our analytical and modelling capabilities. We look forward to working with Dr Campbell and her colleagues and believe that both our analytical capabilities, as well as our contacts and experience within the pharmaceutical industry, could add real value to the initiative."

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Notes to Editor

About Physiomics

Physiomics plc combines cutting edge PKPD and QSP modelling and data science techniques, along with deep biology expertise, to help biotech and pharma companies streamline their drug development journeys.

Our approach is to derive insight from all relevant data in order to de-risk decision making and optimise design research across discovery, pre-clinical and clinical studies.

Through use of bespoke models and our proprietary Virtual Tumour technology, the Physiomics team has informed the development of over 100 commercial projects, over 50 targets and 75 drugs. Clients include Merck KGaA, Astellas, Bicycle Therapeutics, Numab Therapeutics & CRUK.

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