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Oxford BioDynamics Plc

("OBD" or the "Company" and, together with its subsidiaries, the "Group")

Oxford BioDynamics enters into pilot project with EpiFit to analyse the effect of fitness regimes using EpiSwitch™

Oxford BioDynamics Plc (AIM: OBD), a revenue-generating biotechnology company focused on the discovery and development of novel epigenetic biomarkers for use within the pharmaceutical and biotechnology industry, announces that it has entered into a pilot development agreement with EpiFit PTE. LTD., ("EpiFit"), a new Singapore based Company, to identify epigenetic biomarkers to evaluate predispositions, variations and responses in healthy volunteers undergoing fitness programmes conducted by EpiFit.

The collaboration will leverage OBD's expertise in epigenetic stratifications by using its *EpiSwitch™* platform to help identify and monitor those healthy fitness volunteers and trainees who may benefit from EpiFit strength or endurance training programmes. EpiFit will be evaluating an individual's epigenetic state prior to the commencement of the training programme, as well as periodically during the study period, to identify those biomarkers that indicate an individual's suitability to aerobic and/or anaerobic training.

EpiFit will lead the participant recruitment and fitness development programmes, with OBD providing its proprietary *EpiSwitch™* platform and validated methodology for the development, evaluation, and validation of epigenetic biomarkers. Biomarker readouts will be based on minimally invasive blood testing.

Upon completion of the initial project, OBD has agreed to grant EpiFit the option of a multi-year global licence to use certain *EpiSwitch™* biomarker panels in the supply of screening services to certain third parties. Such screening will initially be aimed at determining the right blend of aerobic and anaerobic training for individuals, in order to design customised training programmes that help maximise fitness and health benefits.

Christian Hoyer Millar, Chief Executive Officer of Oxford BioDynamics, said:

"We are delighted to be working with EpiFit to help analyse and monitor the effects of different fitness programmes on individuals using our propriety *EpiSwitch™* platform.

It is well known that epigenetics profiles change in response to programmes of physical exercise and dietary regimes. Whether an individual is predisposed to and can benefit from a particular type of training would provide a highly valuable and practical guiding insight that will help across the full spectrum of fitness training, from the highly professional end and all the way to every health-conscious member of the population at large.

In this project OBD is following the same paradigm and methodology of epigenetic biomarker stratification as in response to treatment for predictive biomarkers – something OBD has been very consistent and successful in its projects with with pharmaceutical clients. Our agreement with EpiFit further demonstrates the broad application potential of the Company's *EpiSwitch™* technology platform."



EpiFit's CEO, Scott Callender, said:

"We have become increasingly excited about *EpiSwitch*[™], and the huge role epigenetic science is likely to have in society in the years to come. We are involved in businesses in the "patient engagement" space, plus fitness training technology platforms, which have helped us to identify the value of *EpiSwitch*[™] not only in identifying disease, but in keeping people healthy. By understanding what sort of exercise an individual will respond best to, we can design programmes that better avoid injury, and that maximise the health benefits to be derived. We believe "exercise is medicine", and that preventing people from getting sick in the first place, as being true healthcare."

-ENDS-

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Notes for Editors

About Oxford BioDynamics Plc

Oxford BioDynamics Plc (AIM: OBD) ("Oxford BioDynamics") is a revenue-generating biotechnology company focused on the discovery and development of novel epigenetic biomarkers for use within the pharmaceutical and biotechnology industry.

The Company's award-winning, proprietary technology platform, *EpiSwitch*[™], aims to accelerate the drug discovery and development process, improve the success rate of therapeutic product development and take advantage of the increasing importance of personalised medicine.

In particular, *EpiSwitch*[™] can reduce time to market, failure rates and the costs at every stage of drug discovery. Additionally, the technology provides significant insights into disease mechanisms for drug discovery and product re-positioning programmes, and enables the personalisation of therapeutics for patients in the context of challenging pricing environments where improved clinical outcomes are critical.



OXFORD BIODYNAMICS

Oxford BioDynamics is headquartered in the UK, and listed on the London Stock Exchange's AIM under the ticker "OBD". For more information please visit www.oxfordbiodynamics.com.