



7 November 2017

**Oxford BioDynamics Plc**  
("OBD" or the "Company" and, together with its subsidiaries, the "Group")

**Oxford BioDynamics signs collaboration agreement with a major US biopharmaceutical company**

*EpiSwitch™ technology to identify new targets and biomarkers relating to fibrotic mechanisms*

*Fibrosis associated with chronic inflammation is a serious unmet clinical need*

Oxford BioDynamics Plc (AIM: OBD), a biotechnology company focused on the discovery and development of epigenetic biomarkers based on regulatory genome architecture, for use within the pharmaceutical and biotechnology industry, is pleased to announce that it has entered into an initial collaboration with a major US biopharmaceutical company to advance the discovery and development of novel treatments to address patients with abnormal wound healing response, leading to fibrosis. Fibrosis is a pathological feature of most chronic inflammatory diseases, which can affect nearly every tissue in the body. If left to progress, the fibrotic process eventually leads to organ malfunction and may ultimately result in death.

The normal healing cascade in response to tissue injury involves a series of sequential, timely and controlled physiological steps which result in successful tissue repair and restoration of normal function. Failure to control the multifaceted and complex healing process can lead to considerable tissue remodelling resulting in the replacement of functional tissue with permanent fibrous scar tissue.

Under the terms of the collaboration agreement, the US biopharmaceutical company will be granted access to OBD's unique *EpiSwitch™* technology for use in the analysis of structure-function of genome architecture and new insights into fibrotic mechanisms, new targets and new biomarkers. This will support the development of novel therapeutic candidates and next-generation companion diagnostics, and enable patient population stratification for clinical trials in the area of fibrosis.

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

"We are pleased to be collaborating with a major global biopharma company to support the development of potential novel drug candidates, and the identification of patients suitable for a new fibrosis treatment. This new collaboration is further evidence of broad adoption of our validated proprietary technology *EpiSwitch™* for practical use in highly challenging therapeutic development programmes."

-ENDS-

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## ***Notes for Editors***

### **About Oxford BioDynamics Plc**

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

The Company's award-winning, proprietary technology platform, *EpiSwitch*<sup>™</sup>, 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*<sup>™</sup> 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 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](http://www.oxfordbiodynamics.com).