



Oxford Nanopore Technologies Ltd
Edmund Cartwright House
4 Robert Robinson Avenue
Oxford, OX4 4GA
United Kingdom

Tel +44 (0)845 034 7900
Fax +44 (0)845 034 7901

www.nanoporetech.com
info@nanoporetech.com

Tim Ford
Professor and Chair
Department of Environmental Health
Sciences
School of Public Health & Health
Sciences
University of Massachusetts – Amherst
686 N. Pleasant Street
Amherst, MA 01003

5 - December - 2016

Re: Letter of Support and the Nanopore Community (NC)

Dear Dr Ford:

I am writing to express our enthusiastic support for your challenge grant application, entitled ""Optimizing handheld sequencing technology for rapid detection of AMR for clinical decision-making,"

With this letter I wish to confirm your participation in the Nanopore Community and the relationship that exists between our company and your laboratory at University of Massachusetts – Amherst (UMass - Amherst)

Oxford Nanopore Technologies Ltd, formed in 2005, is developing a disruptive, proprietary platform technology based on direct electronic analysis using nanopores and we have recently made significant progress in developing a Single Molecule DNA Sequencing product line as a first application. We intend to continue to develop the platform to apply it in other areas including the analysis of RNA, proteins, metabolites and other small molecules for use in a broad range of markets such as scientific research tools, personalized medicine including portable solutions for antimicrobial resistance detection and characterization, crop science and security/defense instrumentation.

Oxford Nanopore has given your laboratory at University of Massachusetts – Amherst access to our technology through the Nanopore Community (NC). The NC allows participants to investigate the performance of our platform and work in a collaborative environment to develop and innovate new applications. As a participant, your laboratory will have access to our current flow cells, hardware and software. Oxford Nanopore supports the freedom of scientists to design research projects that they determine are suitable to explore and optimize performance parameters of the Oxford Nanopore platform.

As the NC develops, your laboratory at University of Massachusetts – Amherst will have access to new implementations of our nanopore sensing platform only available through the Nanopore Community. This will include techniques to aid in the sample and library preparation with our VolTRAX and Zumbador device and consumable as well as MinION

Flongle that will provide a lower cost per sample approach for clinical settings.

We are very excited to be working with your team at University of Massachusetts – Amherst.

Sincerely,

A handwritten signature in black ink, appearing to read 'S. Willcocks', with a stylized flourish at the end.

Spike Willcocks
Vice President, Business and Corporate
Development
Oxford Nanopore Technologies
Ltd