

PRESS RELEASE

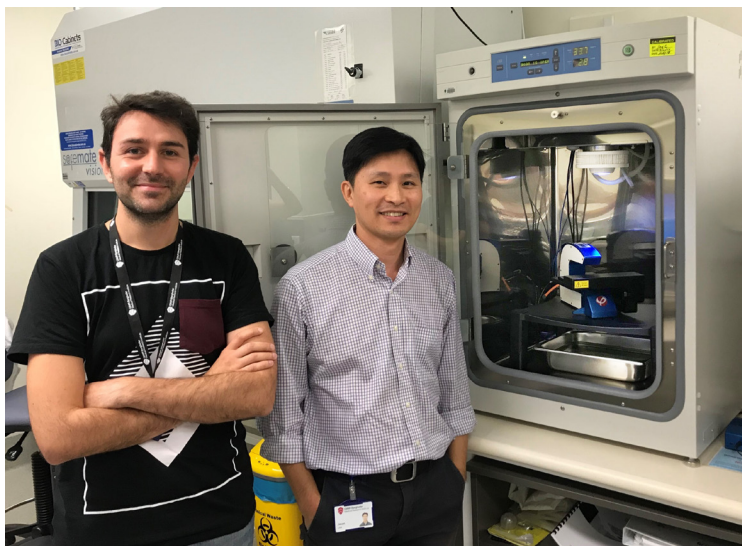
Phase Holographic Imaging PHI AB (publ)

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PHI and world-leading research institute evaluate quantitative imaging of living tumor cells

[QIMR Berghofer Medical Research Institute](#) in Brisbane and Phase Holographic Imaging (PHI) have entered an evaluation agreement to explore the use of live cell time-lapse cytometry based on quantitative phase microscopy to determine the impact of hypoxic microenvironment on cellular motility and metastatic potential in solid cancers. During the four-month evaluation period, PHI will provide QIMR Berghofer with HoloMonitor® M4 instrumentation and technical support.

The evaluation will focus on how cancer cells respond to low oxygen levels. Some of the most sold cancer drugs reduce tumor growth by depriving cancer cells of oxygen. Unfortunately, research indicate that decreased oxygen levels can, under yet unknown circumstances, promote treatment resistance and the formation of metastases ([A. L. Harris, Nature Reviews Cancer, 2002](#)). As HoloMonitor does not require labelling of cells the applicability is broad, which can be extended to hard-to label cells such as cancer stem cells and cells derived from patient tumors.



The 2nd HoloMonitor at QIMR Berghofer

QIMR Berghofer has previously purchased a HoloMonitor M4 time-lapse cytometer, which has been in operation since June 2017. For more information see "[Leading Australian research institute purchase HoloMonitor](#)".

ABOUT QIMR BERGHOFFER

[QIMR Berghofer](#) is a world-leading translational medical research* institute in Brisbane, Australia. With close to 900 scientists and support staff and more than 50 state-of-the-art laboratories, it is ranked among the top two medical research institutes in Australia. QIMR Berghofer focuses on the research areas of cancer, infectious diseases, chronic disorders and mental health.

*Translational medical research is the branch of medical research which converts promising laboratory results into useful treatment methods.

ABOUT PHI

Phase Holographic Imaging (PHI) leads the ground-breaking development of time-lapse cytometry instrumentation and software. With the first instrument introduced in 2011, the company today offers a range of products for long-term quantitative analysis of living cell dynamics that circumvent the drawbacks of traditional methods requiring toxic stains. Head-quartered in Lund, Sweden, PHI trades through a network of international distributors. Committed to promoting the science and practice of time-lapse cytometry, PHI is actively expanding its customer base and scientific collaborations in cancer research, inflammatory and autoimmune diseases, stem cell biology, gene therapy, regenerative medicine and toxicological studies.

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This information is information that Phase Holographic Imaging is obliged to make public pursuant to the EU Market Abuse Regulation. The information was submitted for publication, through the agency of the contact person set out above, on May 2, 2018.