

Invitrocue signs technology development agreement with SIBCB

08 February 2019 | News

The deal aims at developing new breast cancer models for Onco-PDO™ that will include leading breast cancer subtypes ER+, PR+, HER2+ and Triple Negative Breast Cancer



Invitrocue, a leading healthcare bio-analytic solutions provider, has announced the signing of a new technology development agreement with the Shanghai Institute of Biochemistry and Cell Biology (SIBCB), Chinese Academy of Sciences, for the laboratory culture and development of new breast cancer models for Invitrocue's proprietary OncoPDOTM test. SIBCB is a leading research institute for life sciences in China, focusing on human health and the frontiers of biology, and dedicated to pursuing research excellence.

Under the agreement, Professor Arial Zeng, an expert in stem cells during mammary development and breast cancer, will help Invitrocue to develop and optimise the protocols for the in vitro culture, propagation and expansion of patient-derived organoids (PDOs) from breast cancer patients with multiple breast cancer subtypes, including ER+, PR+, HER2+ and TNBC.

The IP will be jointly owned by both parties and Invitrocue will be granted global commercialisation rights to any intellectual property (IP) developed under the agreement.

Commenting on the collaboration, Dr. Steven Fang, Executive Chairman, Invitrocue, said: "Whilst we already offer breast cancer testing with Onco-PDOTM, this collaboration agreement is an important advancement of our technology to expand into multiple subtypes of the world's leading cancer for women. Professor Arial Zeng is a world-renowned scientist in breast cancer organoid biology, and we look forward to working closely with her. This collaboration will enable us to provide even more precise and personalised data for breast cancer patients, leveraging our evidence-based approach to inform treatment pathways and improve patient outcomes."

Invitrocue is a leading healthcare bio-analytic solutions provider including in vitro cell-based testing technologies and image analytics software for use in digital pathology. Invitrocue has developed a unique 3D cell-based scaffolding technology that mimics human organ samples for using in the field of infectious diseases.