



AccuStem Sciences, Inc. Extends and Broadens Partnership with Istituto Europeo di Oncologia (IEO) Enabling its Strategic Approach to Address Unanswered Clinical Questions in Early Stage Breast Cancer

- **StemPrintER outperformed the current market leader, OncotypeDX test, in stratifying patients according to their risk of breast cancer recurrence**

London, UK and Phoenix, AZ (July 11, 2023)- AccuStem Sciences, Inc. (OTCQB: ACUT), a clinical stage diagnostics company dedicated to improving outcomes for patients with cancer, signs further agreement with the IEO, one of the most renowned comprehensive cancer centers in Europe. This important milestone will support the company's strategic vision following positive results from transATAC study where StemPrintER assay outperformed the current market leader in risk of recurrence testing for women with early stage breast cancer.

With the extension of the StemPrintER licensing agreement, originally transferred with all rights and obligations from Tiziana Life Sciences (NASDAQ: TLSA), AccuStem and the IEO have established and refined goals on the timing of commercialization and have broadened the number of regulatory pathways to bring the test to market in the US and abroad. Beyond this agreement, AccuStem intends to work closely with the IEO on additional proprietary cancer assays leveraging StemPrintER technology.

Investigators from the IEO in Milan and The Royal Marsden Hospital in London evaluated a subgroup of patients from the prospective, randomized ATAC trial (TransATAC). The pivotal TransATAC study has been used to evaluate many of the commonly used breast cancer risk scoring assays, including the market leading OncotypeDX. This recent analysis accomplished two important goals for AccuStem's StemPrintER test:

- Results confirmed that StemPrintER is highly prognostic, with high risk patients up to 4 times as likely to experience a distant recurrence as low risk patients
- StemPrintER outperformed the OncotypeDX test, developed by Exact Sciences (NASDAQ: EXAS), in stratifying patients according to their risk of breast cancer recurrence¹

“Showing this prognostic performance compared to the market leader in a prospective, randomized trial is a critical milestone for StemPrintER,” said Wendy Blosser, Chief Executive Officer of AccuStem. “These exciting results are not surprising given the novel pathways such as

¹ [https://www.ejancer.com/article/S0959-8049\(22\)00007-7/fulltext](https://www.ejancer.com/article/S0959-8049(22)00007-7/fulltext)

tumor “stemness” that StemPrintER interrogates. We believe that our test will have significant utility beyond indicating risk of recurrence and aim to demonstrate that with our future trials. We look forward to our next steps and leveraging the technology to bring better outcomes to breast cancer patients”

Breast cancer remains a significant health challenge worldwide, and despite advancements in research and treatment options, there are still unanswered questions regarding the identification, prognosis, and management of early-stage breast cancer. AccuStem Sciences recognizes the urgent need to address these gaps in knowledge and is committed to leveraging its cutting-edge technologies and expertise in stem cell research to make a meaningful impact in this field.

AccuStem plans to launch clinical studies to evaluate StemPrintER’s ability to determine the most effective surgical approach for women with early stage invasive breast cancer. This could have significant treatment implications because, beyond clinical factors and patient preference, clinicians do not currently possess tools to determine the most appropriate surgical interventions. To demonstrate StemPrintER’s disruptive predictive capabilities in a global market that sees more than two million new diagnoses each year, AccuStem will partner with leading US and European institutions to obtain these clinical data for presentation and publication.

About AccuStem

AccuStem is a clinical stage diagnostics company dedicated to optimizing outcomes and quality of life for all patients with cancer. We plan to drive innovation in healthcare by offering proprietary molecular testing that addresses unmet clinical needs from cancer screening through treatment and monitoring. By interrogating novel disease pathways, such as tumor “stemness”, we believe our tools will help care teams better understand the biology of each patient’s cancer, leading to more informed decision making. For more information, please visit www.accustem.com.

About Istituto Europeo di Oncologia (IEO)

The Istituto Europeo di Oncologia (IEO) is a leading comprehensive cancer center located in Milan, Italy. Renowned for its excellence in oncology research and patient care, IEO is committed to advancing knowledge in the field of cancer and developing personalized treatment strategies. With a multidisciplinary approach, IEO brings together internationally recognized experts to collaborate on groundbreaking research initiatives, aiming to improve cancer outcomes and quality of life for patients worldwide.

Forward-Looking Statements

This press release contains “forward-looking statements” Forward-looking statements reflect our current view about future events. When used in this press release, the words “anticipate,” “believe,” “estimate,” “expect,” “future,” “intend,” “plan,” or the negative of these terms and similar expressions, as they relate to us or our management, identify forward-looking statements. Such statements, include, but are not limited to, statements contained in this press release relating to our business strategy, our future operating results and liquidity and capital resources outlook. Forward-looking statements are based on our current expectations and assumptions regarding our business, the economy and other future conditions. Because forward-looking statements relate to the future, they are subject to inherent uncertainties, risks and changes in circumstances that are difficult to predict. Our actual results may differ materially from those contemplated by the forward-looking statements. They are neither statements of historical fact nor guarantees of assurance of future performance. We caution you therefore against relying on any of these forward-looking statements. Important factors that could cause actual results to differ materially from those in the forward-looking statements include, without limitation, our ability to raise capital to fund continuing operations; our ability to protect our intellectual property rights; the impact of any infringement actions or other litigation brought against us; competition from other providers and products; our ability to develop and commercialize products and services; changes in government regulation; our ability to complete capital raising transactions; and other factors relating to our industry, our operations and results of operations. Actual results may differ significantly from those anticipated, believed, estimated, expected, intended or planned.

Factors or events that could cause our actual results to differ may emerge from time to time, and it is not possible for us to predict all of them. We cannot guarantee future results, levels of activity, performance or achievements. AccuStem Sciences, Inc. assumes no obligation to update any forward-looking statements in order to reflect any event or circumstance that may arise after the date of this release.

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