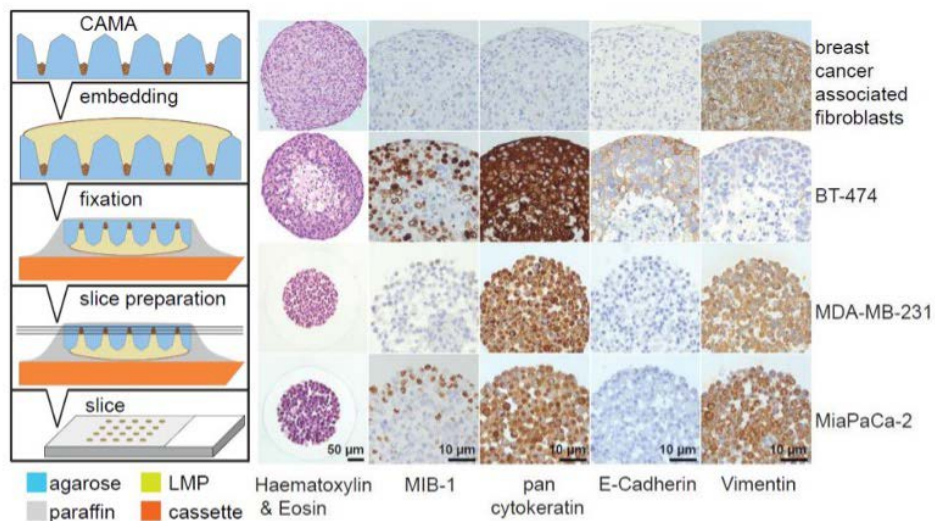


Humanized Insights into Tumor Behavior

At the heart of abc biopply's 3D CoSeedis in chip communication technology™ lies the ability to grow microtumours that resemble those of patients in an unprecedented way. Not only do they show internal cellular self-organization like in their in vivo counterparts but they also show similar cellular tissue density and form proliferative, quiescent and necrotic layers just as is observed in patient derived tumors. Those phenotypes in 3D CoSeedis™ are based on the precise emulation of a tumor environment and capture the essence of these complex structures. 3D CoSeedis™ derived micro-tumors offer unprecedented insights into tumor behavior, relapse patterns, and treatment resistance mechanisms. The study of these 'mini-tumors' mirrors the clinical reality and enables researchers to explore the dynamics of cancer progression like never before.



Single step paraffin embedding: demonstrated on spheroids and conically growing 3D cultures of various cancer and cancer-associated cell types

Shaping the Future of Cancer Treatment

The implications of this advancement are far-reaching. As researchers delve deeper into the intricacies of tumor growth and drug response, the potential for more precise and personalized treatment strategies becomes tangible. The knowledge gained through abc biopply's 3D CoSeedis *in chip* communication technology™ empowers scientists to design compounds that are not only more effective but also show better target specificity. Consequently, our technology helps to minimize late stage failure in the drug development process and has been validated in numerous studies already (e.g. this [study paper](#)).

Joining Hands in the Fight Against Cancer

In the realm of cancer research, collaboration is key. As abc biopply continues to drive innovation, we invite you to be a part of this transformative journey. Together, we are rewriting the rules for understanding and treating cancer, and moving one step closer to a world where this terrible disease is conquered.

Stay tuned for more updates as abc biopply unveil the remarkable findings that are emerging from their 3D CoSeedis *in chip* communication technology™.

Let's work together to advance humanized cancer research, after all that's what matters.

