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Thermo Fisher introduces Tumoroid Culture Medium for novel cancer therapies development

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Gibcoâ?¢ OncoProâ?¢ Tumoroid Culture Medium Kit broadens access to clinically relevant patient-derived tumour models

Thermo Fisher Scientific, the world leader in serving science, has announced the launch of the Gibco™ OncoPro™ Tumoroid Culture Medium Kit, the first commercially available culture medium specifically developed for the expansion of patient-derived tumoroids, or cancer organoids, from multiple cancer indications.

While cancer remains a leading cause of death globally, hurdles remain in bringing new cancer therapies to patients, with up to 97% of drug candidates failing in clinical trials. More closely resembling donor tissue than traditional 2D cell models, patient-derived tumoroids – cultures of tumor cells derived from individual patients – hold promise in helping improve clinical trial success rates by enabling researchers to better model disease and predict patient response to therapeutics*in vitro*.

Yet use of tumoroids in cancer research has been limited due to challenging culture requirements and a lack of commercially available media systems. American supplier Thermo Fisher's new off-the-shelf, modular tumoroid culture medium kit is designed to make complex cancer models more accessible to researchers.