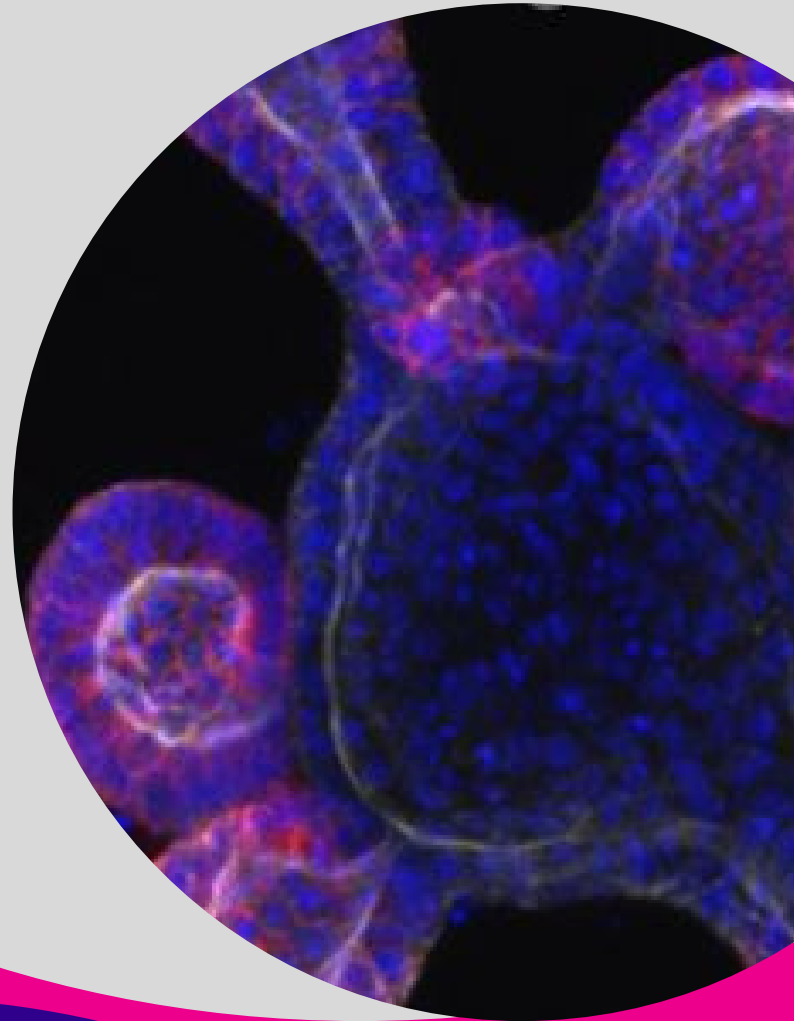




CANCER
RESEARCH
UK

CITY OF
LONDON
CENTRE

Organoids Platform TTP



1-to-1 teaching of organoid culture methods to researchers.

Supporting the development of novel organoid platforms on project-by-project.

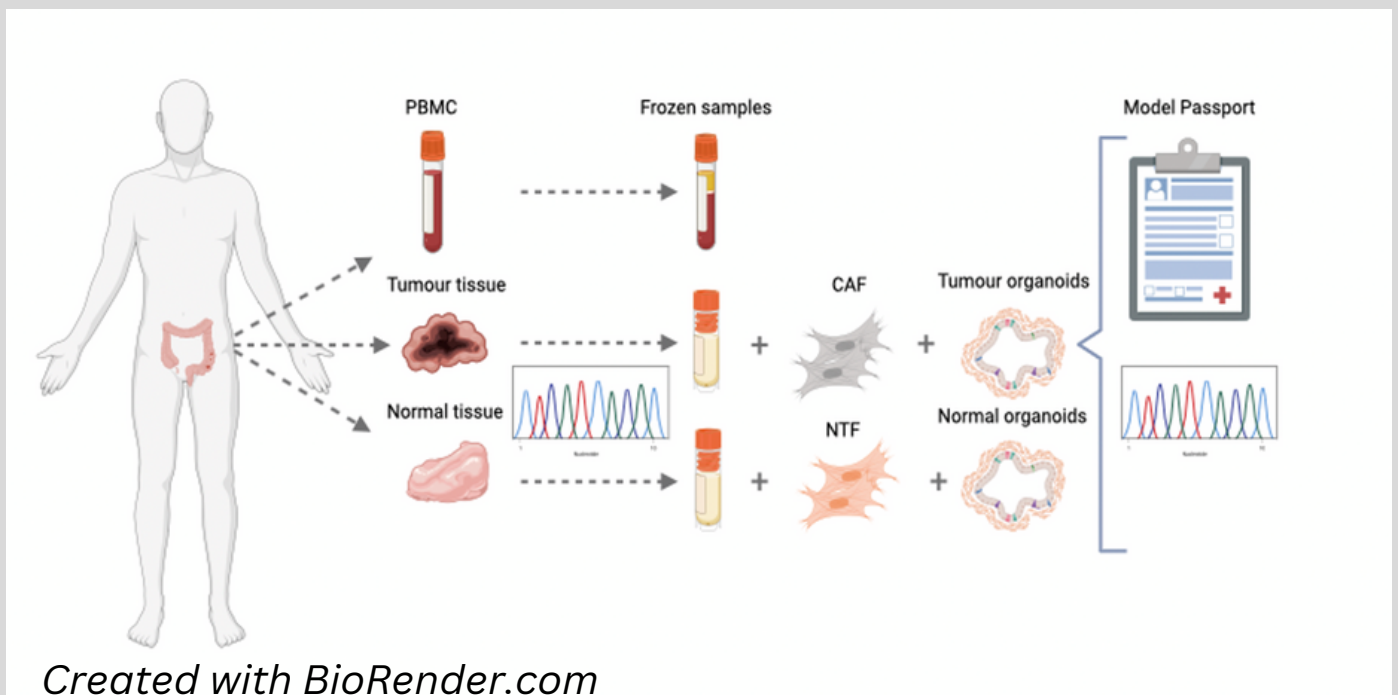
Establishment of a new patient-derived organoid (PDO) derivation pipeline with UCLH to support translational research projects.

Centralising the purchase, production, and distribution of common organoid culture reagents.

CRC organoid models

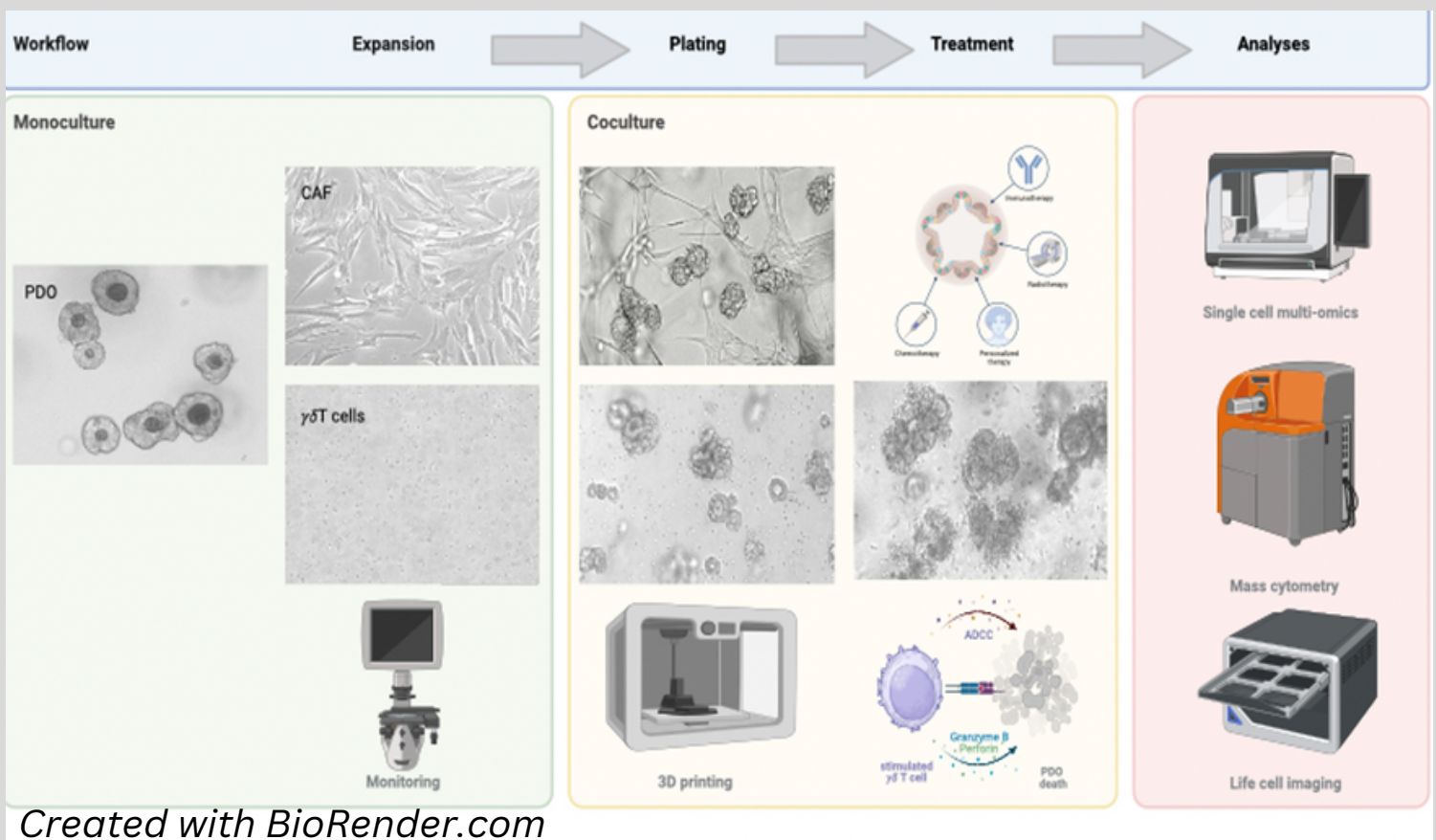
Biobank's organised tissue collection pipeline from UCLH

- Storage of primary tissue and peripheral blood and mononuclear cells
- Generation of organoid lines paired with normal tissue fibroblast (NTF), cancer-associated fibroblast (CAF) and PBMC
- Genetic profiling of the primary tissue and established organoid lines*
- Each complete model holds its clinical and genetic data set → Model Passport*



Organoid model applications and analyses

- Guidance provided in organoid culture, expansion for generation of 3D testing platforms
- 3D Testing platform planning and setting up of pilot experiments
- Advice provided for relevant methods of analysis
- Collaboration with other TTP platforms



Contact

Petra Vlckova

TTP manager

Organoid Specialist

Location: Labs 108 and 109A, POGB

Contact email: petra.vlckova.16@ucl.ac.uk

Academic Lead: Dr. Chris Tape

