

BIORCELL 3D

Ethical, Reliable, Reproducible and Universal biotechnologies for Health



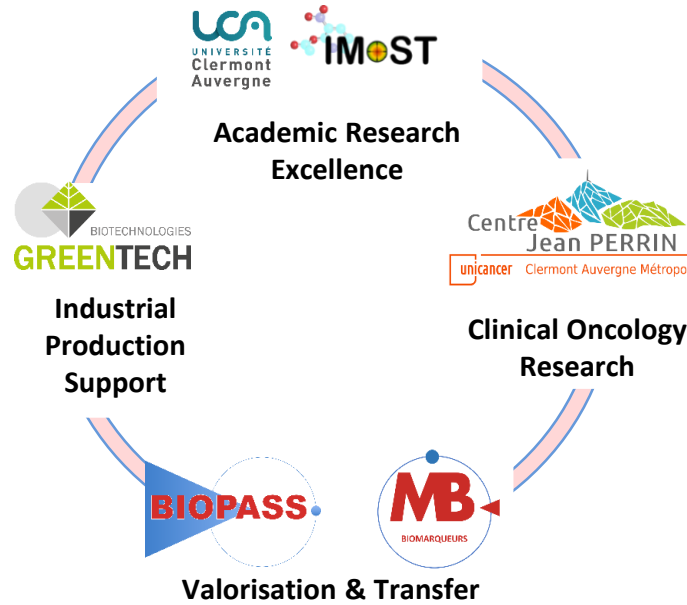
OPTIPASS®
Synthetic and chemically defined culture media



ABOUT US

BIORCELL 3D is a spin-off of Clermont Auvergne University, regrouping 5 partners with complementary skills

BIORCELL 3D



OUR EXPERTISE

The development of Ethical, Reliable, Reproducible and Universal Biotechnologies for Health



Serum-complemented media : Variability, infectious risk & ethical considerations

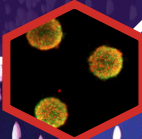
OUR SOLUTION OF CULTURE MEDIA: animal-free formulation, chemically defined, complete and ready-to-use for a large panel of cell types.

100% CONTROLLED AND REPRODUCIBLE

2D culture of a large panel of tumor cells (OPTI-04)



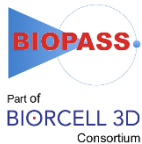
3D culture of a large panel of artificial tumors® (OPTI-03)



Short-term preservation without freezing (OPTI-05)

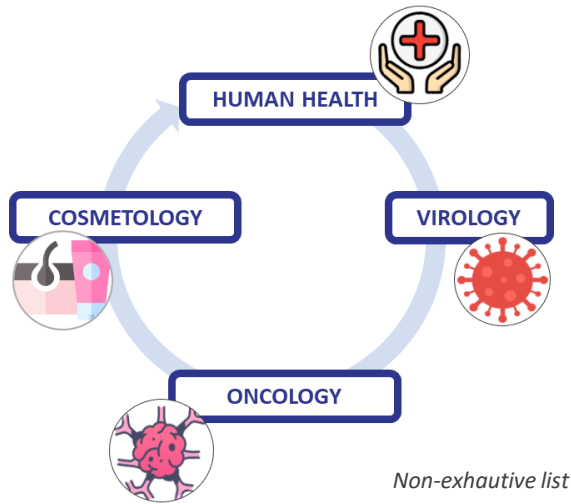


The OptiPASS® media are distributed by



Applicable version : May 2022

Ready to use culture media for Biology Applications :



Applicable for cell culture, drug screening, sample preservation, bioproduction ...



Production exclusively with raw material of pharmacopeia grade



The serum is replaced by other synthetic compounds (**without animal origin**)



Regulated Qualification Methods: use of a reference cell line, morphological analysis, proliferation and metabolic activity

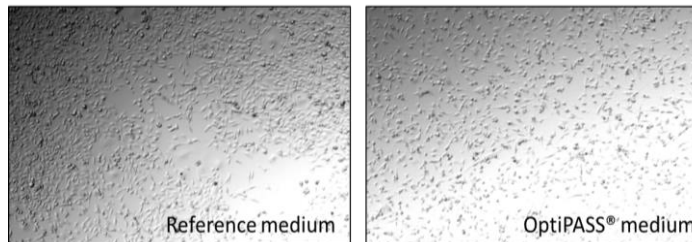
*“Ethical, Reliable, Reproducible and **Universal** biotechnologies for Health”*

Cell Lines	OptiPASS®		
	2D	3D	
MDA MB 231	✓	✓	Breast
SUM 1315	✓	✓	
MCF 7	✓	✓	
HCC 1937	In progress	✓	Healthy monkey (kidney)
CAL 51	✓	In progress	
BT 474	In progress	✓	Prostate
VERO 76	✓	✓	
PC3	✓	✓	Lung
NCI H1975	✓	✓	
SKOV3	In progress	✓	Ovary
OVCAR 3	In progress	✓	
A 375	✓	✓	Melanoma
TOTAL	8	11	

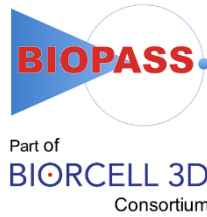
Our biobank is always in progression. Do not hesitate to contact us for more details on other lines not mentioned

2D CULTURE :

No significant difference in morphology and cellular growth (example with MDA-MB-231 cell line)



Find all the details of our cell lines in our website: <https://biorcell-3d.com/>



CONTACT US

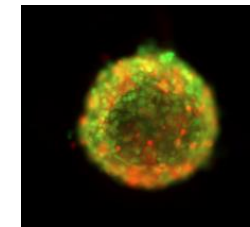
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OTHER BIORCELL3D PRODUCTS



Reproducible 3D cell culture models



Fluorescent probes for the detection, localisation and quantification of the P-gp