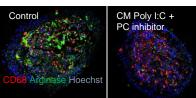


PRISM Inserm U1192 Faculté des Sciences & Technologies, University of Lille <u>https://www.laboratoire-prism.fr/</u>

Co-managers

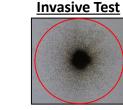
Prof. Isabelle Fournier Dr. Marie Duhamel Contact: organomics@univ-lille.fr

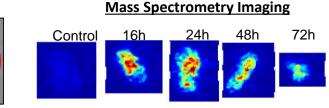
Confocal microscopy



A platform dedicated to the development of different culture 3D models, in which thanks expertise to our with biology together proteomics and mass spectrometry imaging, we propose a large range of analysis techniques, that global allow understanding of each of the models.

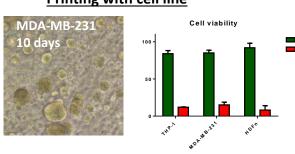
Spheroids with/without macrophages





Bioprinting complex healthy and cancer breast model

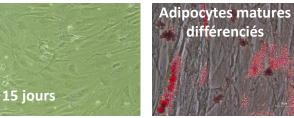




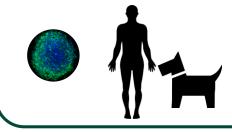
Printing with cell line

Purification d'ADS

Purification d'ADSC (Adipose-derived Stem Cells)



Organoids of human and <u>Breast Org</u> canine breast cancer OMERIC (me

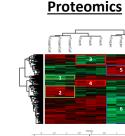


Breast Organoids biobanks

OMERIC (metastases) 46 patients recruited CARMA (primary tumors + metastases) 43 patients recruited TUMDOG (primary tumors) 42 patients



Mass spectrometry imaging



Response to treatment



