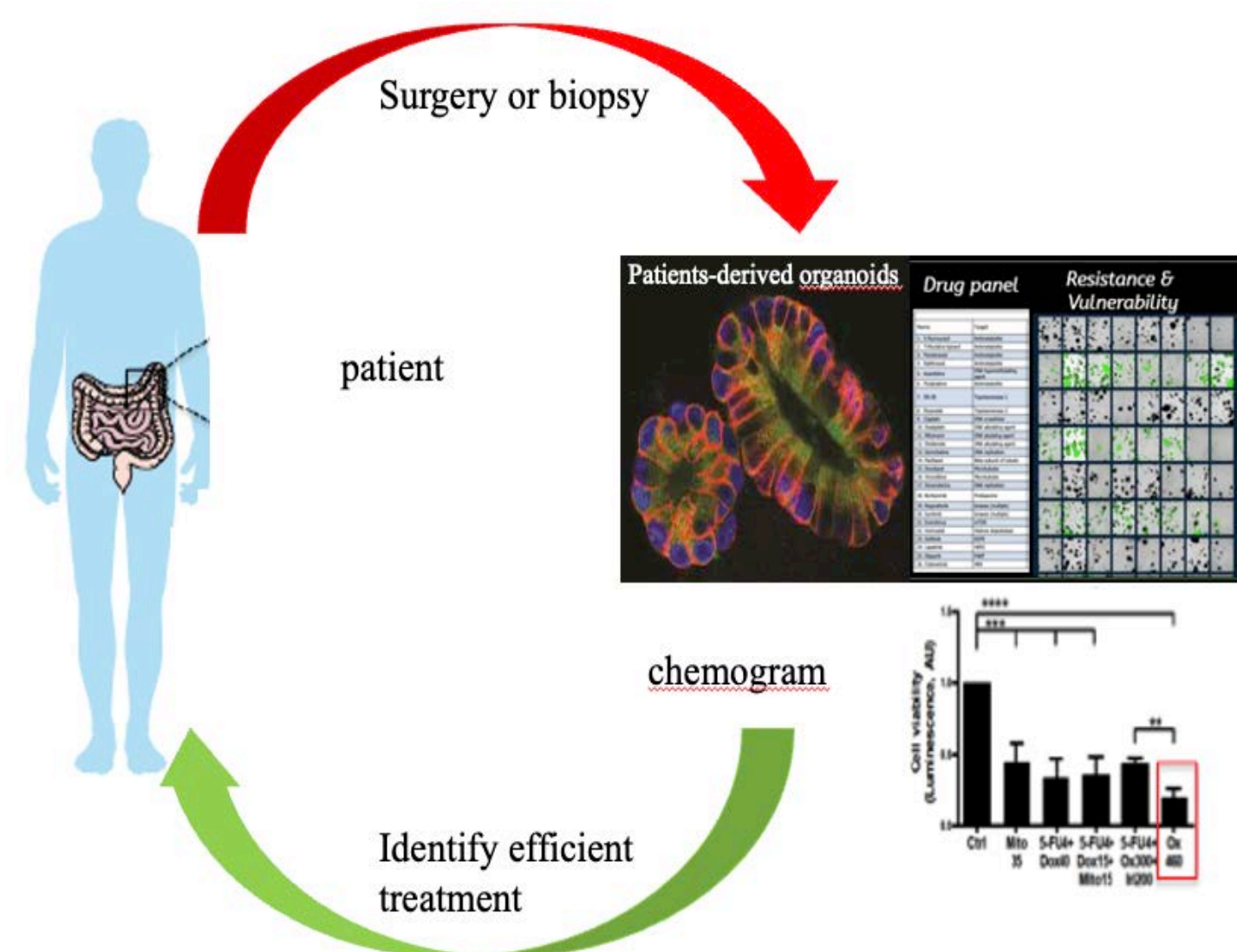


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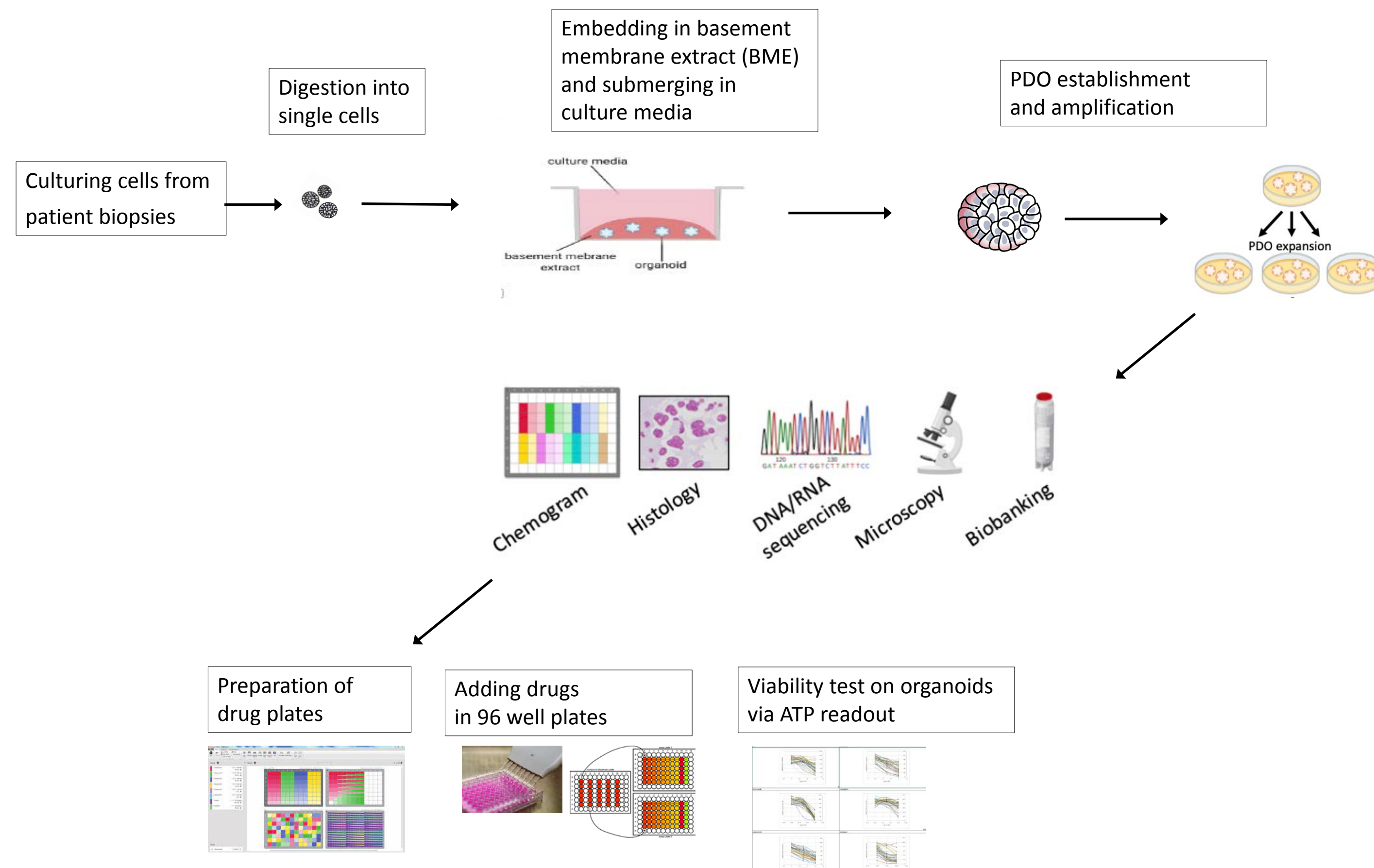
INSERM U-1279/ UAR3655, CNRS, Université Paris-Saclay, Gustave Roussy ; Villejuif, F-94800, France.

Guiding personalized treatment of patients using PDOs



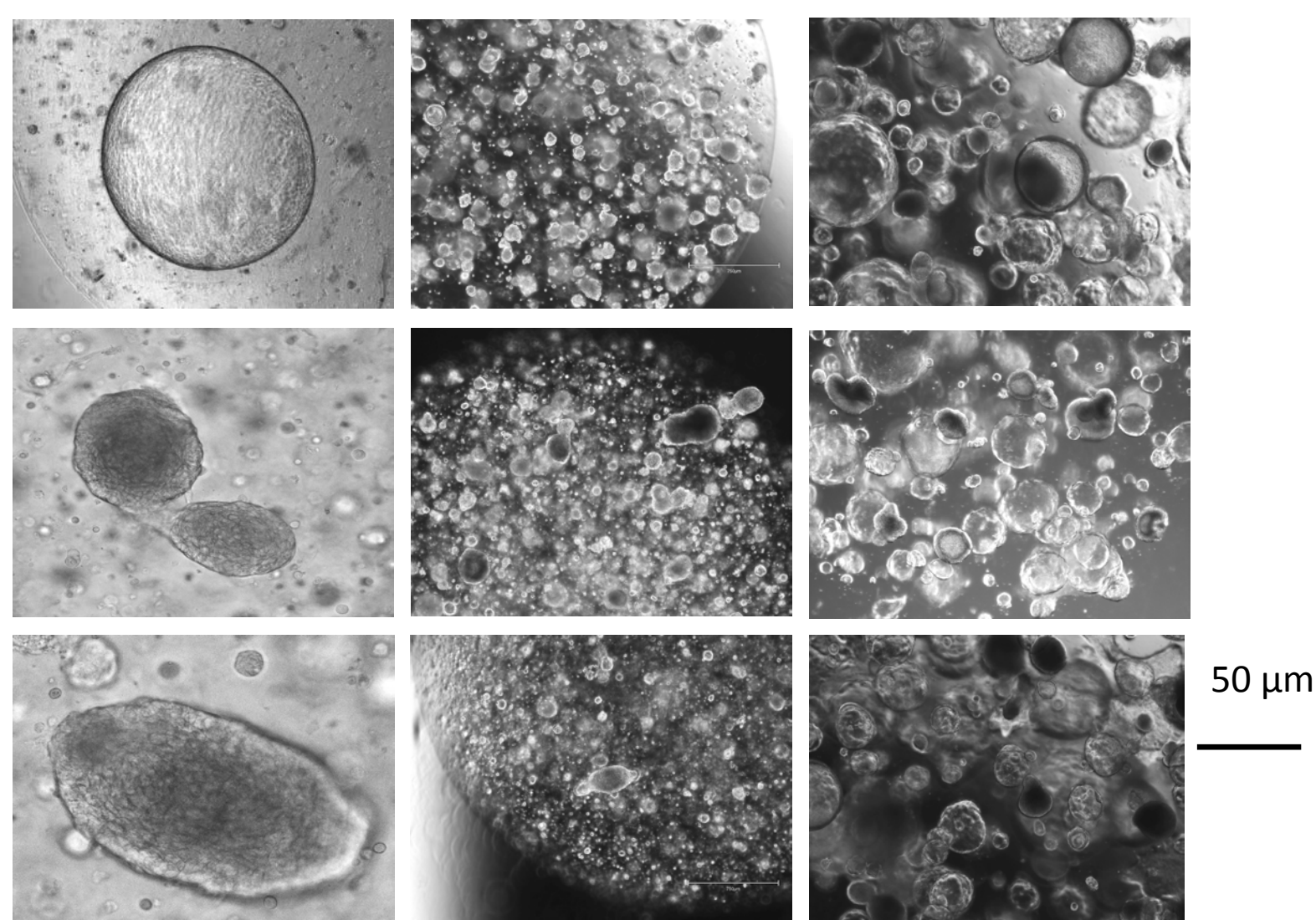
Experimental approach

Characterizing PDOs as robust tools to identify the appropriate therapy for an individual patient and predicting the response to therapy → Better control of the disease

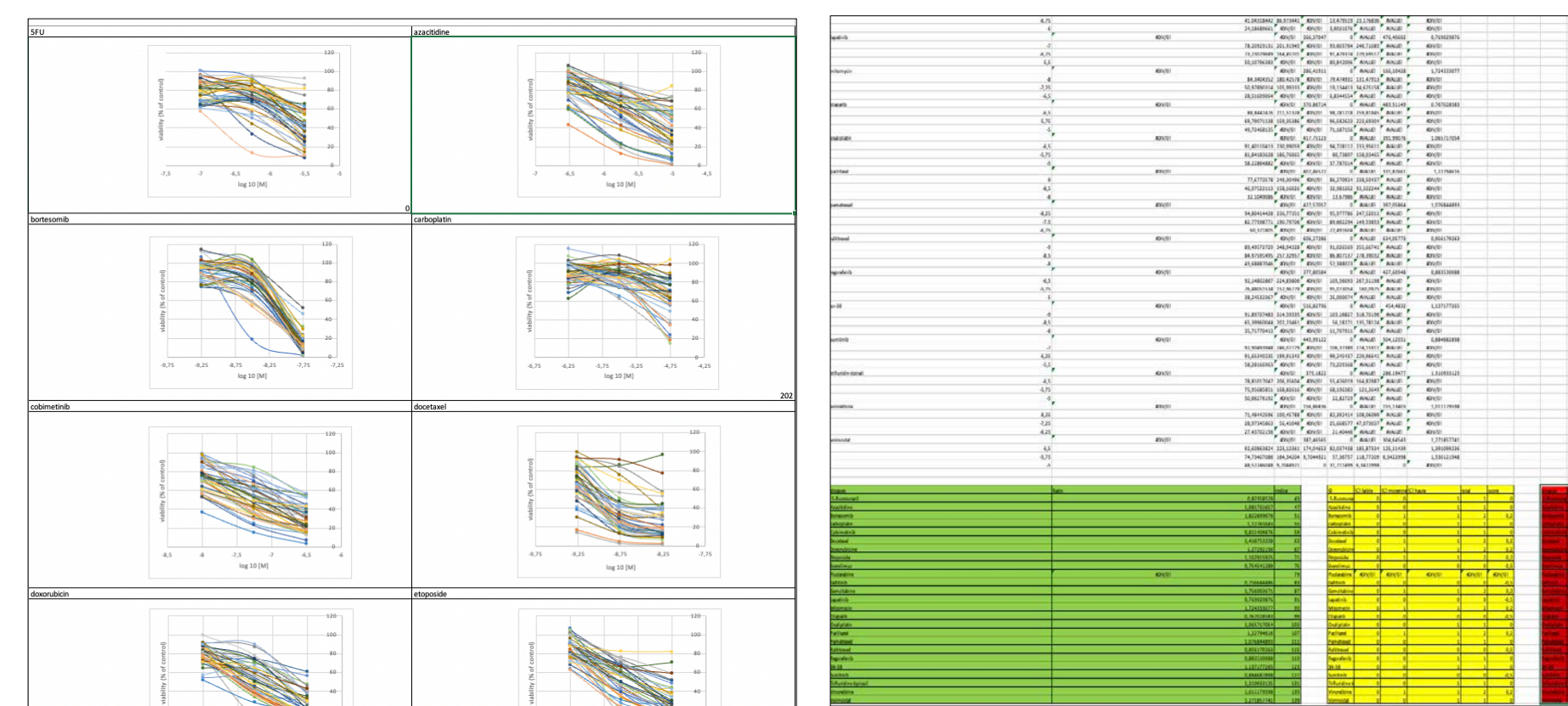


Activity

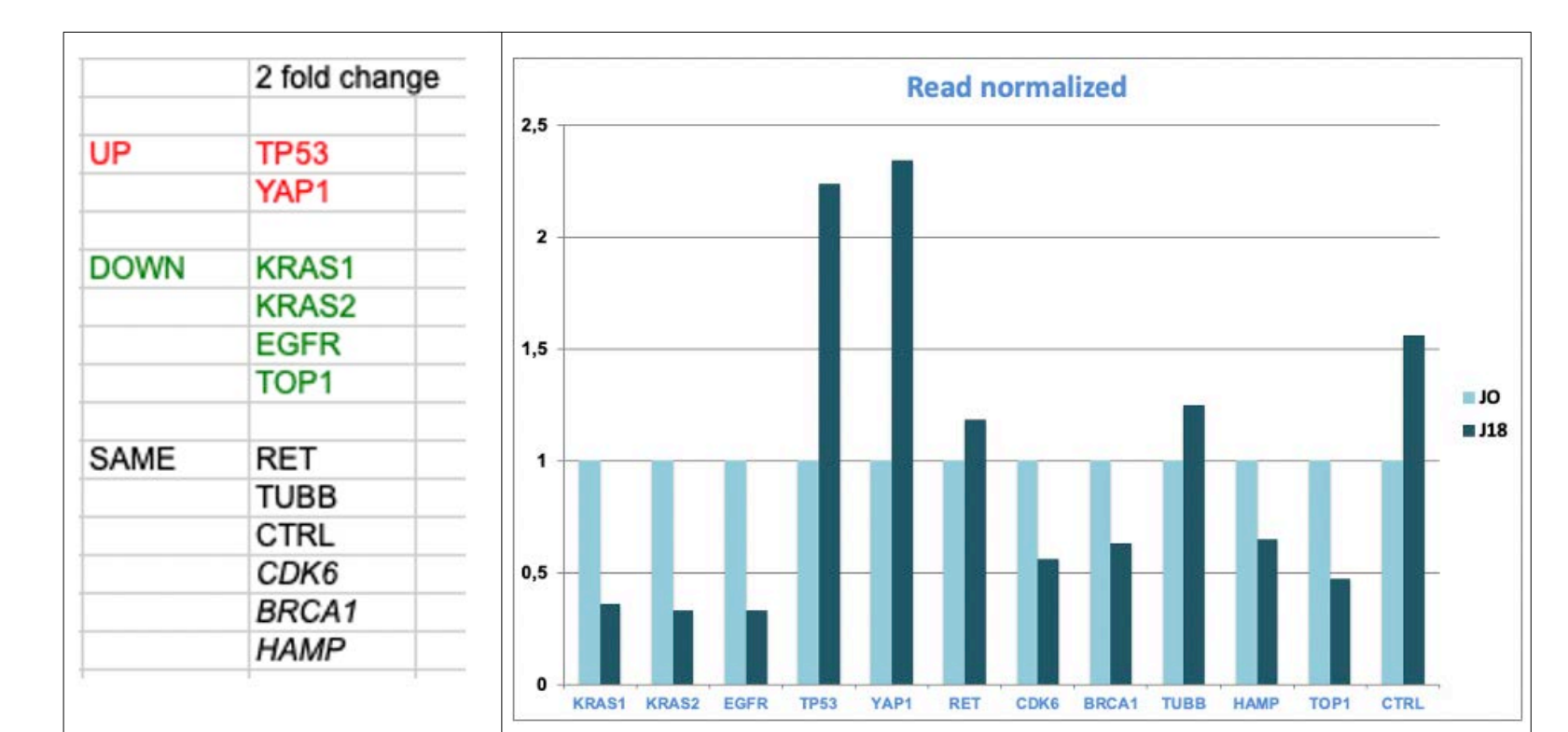
1. PDO and PDXO.Culture: Pancreas, Colorectal, Salivary Gland



2. Drug test (panel of 30 drugs)



3. Genetic modification: Gene knockout, CRISPR screening, lentiviral transduction



Equipment (in L2 with restricted access)



Incubators (oxygen control: CellXpert)



Microscopy (bright field, fluorescence: Evos M5000)



Semi-automatized pipetting robots (Assist Plus, Vialflo 384)



Plate reader (multimode: Synergy LX)



Drug dispenser (mirror plates, D300)

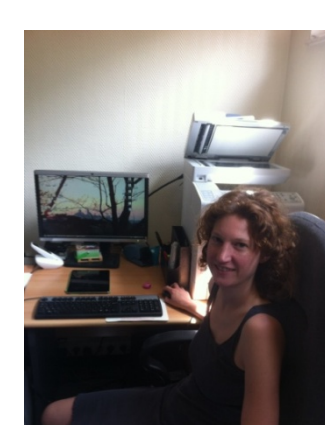


Electroporator (NEPA21), Nucleofector (Neon) available

Contact



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