

The Cell Culture Platform has approximately 75m<sup>2</sup> along three cell culture rooms: two of the rooms are reserved to primary and stable cell culture whilst the third one is where virus infections are carried out and it has a biosafety level 2.

All the cell culture rooms are equipped with vacuum and channeling of CO<sub>2</sub> and N<sub>2</sub>, and all have work stations for those gases attached to the incubators to guarantee safety.

## Cell culture room 1

- 2 BIO IIA biological safety cabinets.
- CO<sub>2</sub> incubator.
- CO<sub>2</sub>/O<sub>2</sub> incubator.
- Centrifuge.
- Thermostatically-controlled water bath.

## Cell culture room 2

This room is under positive pressure and is exclusively aimed at the Institute's researchers, with the following infrastructure:

- 4 BIO IIA biological safety cabinets.
- 3 BIO II Advance biological safety cabinets.
- 2 Steri-Cult™ CO<sub>2</sub> incubators.
- 5 Steri-Cycle™ incubators.
- CO<sub>2</sub>/O<sub>2</sub> incubator with water jacket.
- TC10 BioRad cell counter.
- Refrigerators, freezers (-20°C and -80°C).
- 2 Eclipse TS100 inverted microscopes with external display.
- 1 Eclipse TS100 inverted microscope with Nikon D90 camera.
- Dry sterilizer.
- Orbital shaker (4°C -20°C).
- 4D Nucleofector Unit (cell electroporation).



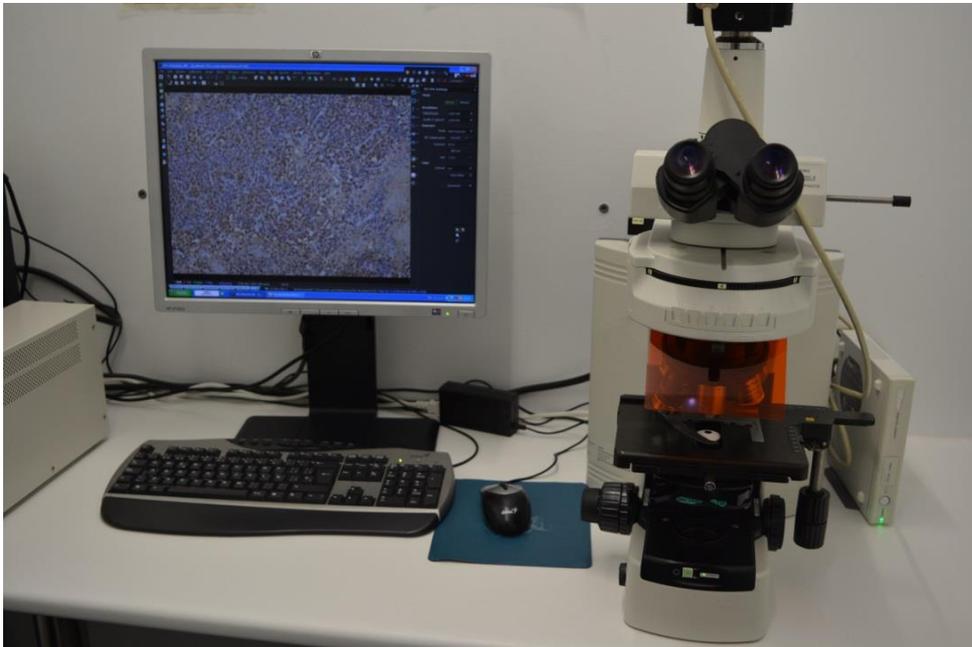
Seahorse XF96 Extracellular Flux Analyzer

- 3 thermostatically-controlled water baths.

## Virus room

This room of the Platform is where virus infections are carried out. The room is under negative pressure and has a biosafety level 2. The room has the following:

- Steri-Cycle incubator.
- CO<sub>2</sub>/O<sub>2</sub> incubator with water jacket.
- BIO IIA biological safety cabinet, adapted for use with an inverted microscope with fluorescence (FITC and DAPI).
- Thermostatically-controlled water bath.



Fluorescence microscope Nikon ECLIPSE 80i