



CELL CULTURES PORTFOLIO OF SERVICES

- Scientific and technical guidance and support in the planning, development and implementation of specific experiments, techniques and protocols with complete flexibility and adaptability to the specific requirements of each user (including IdiPAZ and also external research groups).
- Technical and basic training in handling and experimentation in the Cell Culture Laboratory.
- Facilitate access to instrumentation, reagents and equipment, assisting and supporting the optimal use of facilities and equipment and empowering the selfservice modality. Furthermore, the access to other centralised equipment and facilities (even not related to cell culturing) will be also provided.
- Implementation of experimental procedures by qualified staff: cell separations, isolation of cells for culture, maintenance and propagation of cell lines and primary cell cultures, etc...
- Preparation of material, reagents and sterile solutions for cell culture applications.
- General maintenance of the laboratory (according to lab biosafety guidelines) including periodic inspection; cleaning, sterilization and disinfecting procedures; preventive maintenance programme and coordination of the use of the equipment; waste disposal facilities in including biomedical wastes; and supply/replacement of reagents, chemicals, material and consumables....
- Development of protocols, guidelines, operating procedures, reports and management of the required mandatory documentation with particular emphasis on waste segregation and disposal, biosecurity and biological accidents.
- Detection, identification and treatment of contaminations in cell cultures. Preventive analysis and decontamination.
- Cryopreservation and banking of cell cultures.