The Special Reactions Service (SRE-PCB) was created in order to ensure the safety and quality of chemical research carried out at the Barcelona Science Park (PCB).

The PCB provides this service for research groups and companies associated with the pharmaceutical, biomedical or fine chemicals sectors, whether they are PCB users or belong to other institutions or businesses. This service aims to meet the users’ needs by providing them with the facilities, equipment and technical guidance necessary to ensure that their chemical research is conducted safely.

**Services**
- Technical guidance.
- Process monitoring.
- Equipment and facilities maintenance.
- Waste management.

**Laboratory for toxic products and dangerous reactions**
- Fume hoods with activated-carbon filters
- Safety cabinet for flammable materials.
- Cabinets for acids and bases.
- Equipment for laboratory synthesis (rotary evaporator, vacuum line, vacuum oven, balances, etc.).

**Hydrogenation laboratory**
- Flameproof power installations.
- Extractor fan over the workbench.
- Gas installation (hydrogen, nitrogen, vacuum).
- Autoclaves for reactions up to 60 bar and 250°C, with capacity from 50mL to 1L.
- Büchi Glas Uster BEP280 pressure reactor system with magnetic mixing drives, with one 1-liter steel-jacketed vessel and two glass-jacketed vessels of 0.5L and 1L.
- Büchi Glas Uster Miniclave Drive with magnetic mixing drives and one 200mL steel-jacketed vessel.
- Büchi Glas Uster Miniclave with two glass-jacketed vessels of 50mL and 200mL.