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 their chemical research is conducted safely.

**Services**
- Technical guidance.
- Monitoring processes.
- Maintenance equipment and facilities.
- 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 along the length of the workbench
- Gas installation (hydrogen, nitrogen, vacuum).
- Autoclaves for reactions up to 60 bar and 250° C, with capacity from 50 ml to 1 l:
  - Büchi Glas Uster BEP280 pressure reactor system with magnetic mixing drives, with one 1-liter steel-jacketed vessel and two glass-jacketed vessels of 0.5 and 1 liter.
  - Büchi Glas Uster Miniclave Drive with magnetic mixing drives and one 200-ml steel-jacketed vessel.
  - Büchi Glas Uster Miniclave with two glass-jacketed vessels of 50 ml and 200 ml.