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.
- Maintaining equipment and facilities.
- Waste management.

**HF laboratory**
- Fume hoods.
- HF-reaction apparatus with 50-ml and 200-ml reaction vessels: HF Peptide Institute, Inc. "type I" with metal absorption cylinder.

**Laboratory for toxic products and dangerous reactions**
- Fume hoods with activated-carbon filters
- Safety cabinet for flammable materials.
- Cabinets for acids and bases.
- Apparatus for synthesis laboratory (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 hook-up).
- Adjoining work area for hydrogen bottles.
- Autoclaves for reactions up to 60 bar and 250° C, with capacity from 100 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.
  - BUCH 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 100 ml and 200 ml.