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The [Biological Computational and Research Process Laboratory](#) (BCPL) is a new research unit of CPERI, established in 2014.

Goals:

- High-performance computational analysis for biological systems engineering
- App development for energy, environment, security, biochemical processes & synthetic biology

Activities:

- Advanced research in mainstream computational biology, algorithms and databases
- Collaborative research in translational bioinformatics, variomics and exposomics
- Exploratory research at the interface of chemical engineering & biomolecular research
- Innovative services for genomic technology, analysis & synthesis for biotechnology