BIOPHARMACEUTICALS AND PROTEOMICS LAB

Centre of Excellence in Molecular Biology
University of the Punjab, Lahore

About

BPL (ISO 9001:2015 Certified)

Our research group aims to develop indigenous technology for commercial production of recombinant human proteins such as cytokines for therapeutic purposes and poultry vaccines. The group has developed state of the art technology for the production of Recombinant human therapeutic proteins, PCR enzymes and downstream processing for the purification and characterization of these protein products. Our efforts are also directed toward engineering highly effective exosome delivery vehicles to assess the antitumor efficacy of the recombinant therapeutic proteins.

Contact Us

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Our Services

Low-cost, high-quality indigenous biosimilar pharmaceutical products, PCR mixes and kits for molecular biology & biotechnology research.

- Upstream & downstream process development
- Pharmacopeia testing of Biosimilars
- Services for all public & private sector universities and R&D organizations

Why Choose Us

- State-of-the-art facility for upstream and downstream process development
- Qualified and skilled personnel to provide R&D facilities
- ISO 9001:2015 certified laboratories
- ÄKTA chromatography system for protein purification

Our Products

Poultry Vaccines
Indigenous vaccine development for the poultry sector.

Therapeutic Proteins
Recombinant human proteins such as cytokines, including Filgrastim.

PCR Enzymes
Recombinant Taq polymerase, reverse transcriptase, and 2X PCR, qPCR and Hot Start master mixes.

Biotechnology to serve the nation