



## Pharmaceutical Center Project

**Duration:** 2023-2026

**Host Institution:** DOST - Industrial Technology Development Institute (ITDI)

### Project Description

The project intends to establish a Pharmaceutical Research Hub at the Department of Science and Technology (DOST) for the use of the local industry and other research institutions. It was conceptualized to intensify, capacitate and empower the existing Pharmaceutical Section of DOST-ITDI with competent staff as well as essential and state-of-the-art equipment to explore opportunities and perform advanced researches that will address the present and future healthcare needs/challenges of the country, utilizing our very own biodiversity. It will also support the Tuklas Lunas Development Centers (TLDCs) funded by DOST- Philippine Council for Health Research and Development (PCHRD) by providing a common facility that could expedite the transfer of research from laboratory scale to bench-scale and industrial validation. This will bridge the gap between basic research and drug development of TLDCs and other pharmaceutical research institutions through research collaboration.

### Expertise Needed

- Separation Science and Structure Elucidations
- Nanomedicine
- Drug delivery and targeting (In-silico drug target profiling)
- Pharmacokinetics and Pharmacodynamics
- Pre-clinical testing (in vivo and in-vitro)
- Computational Methods in Drug Discovery and Development
- Chemical/Biomimetic Synthesis

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