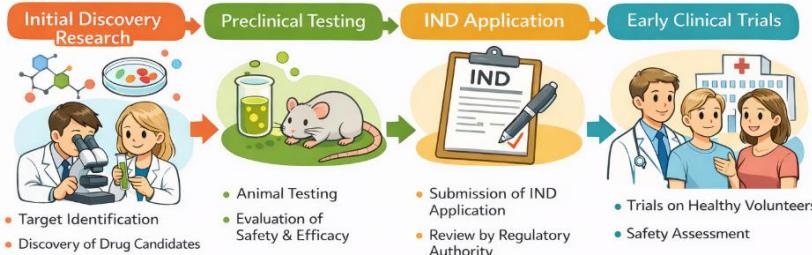


Supporting Academic Drug Discovery through Organic Synthesis

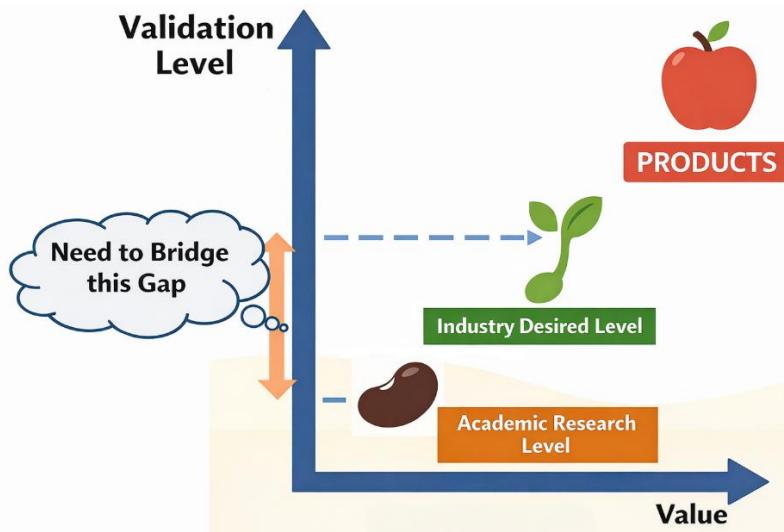
[keywords: drug discovery, organic synthesis] Designated Professor Takemura Isao

Drug Development Process

From Initial Discovery Research to Early Clinical Trials



Validation Level



Content:

We provide research support for university-originated drug discovery projects with a strong focus on organic synthesis. Through the design and synthesis of small-molecule compounds, we help generate experimental data required for patent applications, collaborative research with industry, and progression from exploratory research to preclinical development.

Previously, I was engaged in small-molecule drug discovery research in the pharmaceutical industry, gaining hands-on experience across the early development process—from hit and seed identification to lead optimization and transition to preclinical studies. This work included contributions to patent filings as well as the successful commercialization of drug products.

In addition, I have been involved in pharmaceutical development from the perspective of formulation research, providing practical insight into development considerations beyond discovery research. By integrating experience in synthesis, preclinical development, patent strategy, and formulation science, I aim to bridge academic research outcomes with practical drug development.

Fields: Medicinal Chemistry

Specialty: Organic Synthesis

E-mail: takemura.isao@tokushima-u.ac.jp

Tel. +81-88-633-9255

HP : <http://www.Tokushima-u.ac.jp/CCR/>

Please feel free to contact us by email.

