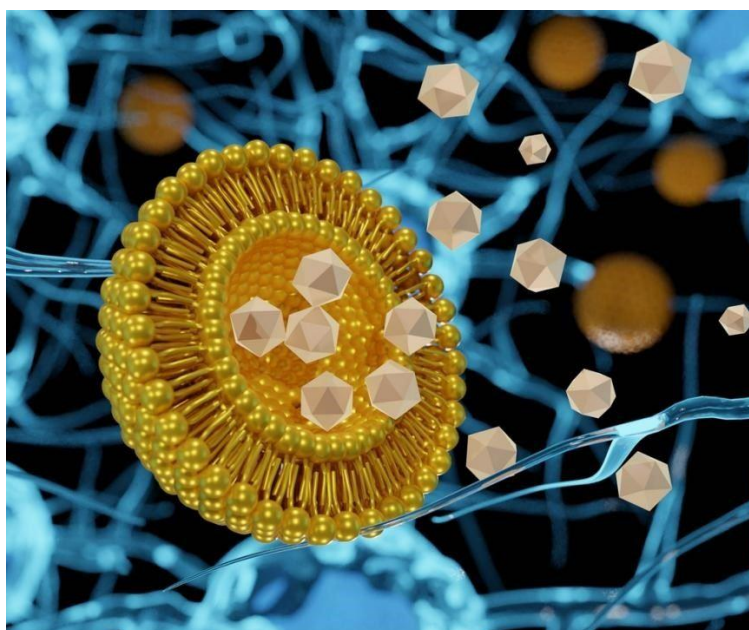


# Drug Delivery System Development Services

Drug delivery system (DDS) is a technology system that comprehensively regulates the distribution of drugs in organisms in space, time and dose. Drug delivery system research includes not only the drug itself, but also the carrier materials and devices for the drug, as well as the technologies related to physicochemical modification and modification of the drug or carrier. By affecting the absorption, distribution, metabolism and elimination of drug compounds, various drug delivery technologies improve the therapeutic effect at the intended site of action while minimizing possible adverse effects.



## Functions of Drug Delivery Systems

- Controlled release of drugs. With the development of technology, controlled release technologies are now able to achieve not only slow release of drugs, but also more precise and intelligent regulation of the space, time and release profile of drugs.
- Drug targeting. Targeted drug is to make the drug aim at specific lesion sites and form a relatively high concentration locally to reduce the damage to normal tissues and cells.

- Enhance the water solubility and stability of drugs, and regulate drug metabolism time.
- Promote drug absorption and passage through biological barriers.

## **Our Services**

**CD Formulation** researchers have conducted extensive research and development of drug delivery systems (DDS) in order to improve the pharmacokinetics and pharmacodynamics of drugs by delivering the required dose at the target site at the appropriate time and rate. Our drug delivery system development offerings include nanoparticles and particles, transdermal patches, and more. Our current services include the following, or you can customize our services to meet your needs and we will be happy to provide them to you.

- [Microneedle Technology Services](#)
- [Oral Thin Films Technology Services](#)
- [Transdermal Patches Drug Delivery System Services](#)
- [Microencapsulation Technology Services](#)
- [Nanoparticle Development Services for Drug Delivery System](#)
- [Microparticle Depots Design and Development Services](#)
- [Microsphere Technology Development Services](#)
- [Multiparticulate System Formulation Development Services](#)
- [GalNAc \(N-acetylgalactosamine\) Coupling Modification Services](#)

Before you choose our services, please confirm your needs for drug properties, desired release rate, desired site of action and route of administration.

## **Our Vision**



We strive to be a company that provides drug delivery system development services to pharmaceutical companies around the world. Meeting the needs of our customers and exceeding their expectations will always be our goal. We will continue to be at the forefront of innovation, applying the latest science and technology to the pharmaceutical industry through our services to advance the global medical business.

## About CD Formulation

**CD Formulation** provides integrated innovation solutions from strategy to implementation to help you increase opportunities and address challenges. Through our in-depth experience in many different industries, including consumer and technology, we bring innovative solutions and cross-industry best practices to drug development. If you have a requirement about our services, please contact us by phone or email, our colleagues will reply to you within three working days.

Source: <https://www.formulationbio.com/drug-delivery-system-services.html>