

Long Acting Drugs Market: Technologies and Services, 2023-2035: Distribution by Compatible Dosage Form (Long Acting Injectables, Long Acting Implantable, Long Acting Orals, Long Acting Topicals / Transdermals and Other Dosage Forms), Principle (Manipulation of drug release from delivery systems and Manipulation of in vivo clearance), Strategy (Chemical Modification, Micro-encapsulation, Long Acting Hydrogels, Long Acting Implants, Long Acting Microneedles, Multivesicular Liposomes, Nanocrystal Suspensions and Protein Fusion), Type of Molecule Delivered (Small Molecules, Biologics and Other Molecules), Type of Material Used (Polymer based and Non-polymer based), and Key Geographical Regions (North America, Europe, Asia-Pacific and Middle East and North Africa): Industry Trends and Global Forecasts, 2023-2035

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Abstracts

The long acting drug market is likely to grow at a CAGR of 13% during the forecast period 2023-2035.

In recent years, there has been a pronounced shift in the pharmaceutical landscape

away from conventional drug delivery methods towards the adoption of long-acting drug delivery systems. These systems offer sustained drug action over extended periods following a single administration, ensuring the maintenance of optimal therapeutic levels within a patient's system for weeks, months, or even years. This transformative transition has significantly impacted various medical domains, including ophthalmology, oncology, neurology, and infectious diseases, presenting promising avenues for treatment.

The adoption of long-acting drug delivery systems brings forth numerous advantages. These include improved patient adherence and compliance, reduced dosing frequency, minimized risks associated with erratic drug usage, and heightened convenience for patients. Additionally, the rise of long-acting vaginal rings as multipurpose prevention technologies for women highlights the expanding scope and demand for such innovations in the medical realm. Integral to the success of these long-acting drug formulations is the meticulous selection of an appropriate dosage form, such as long-acting implants, injectables, vaginal, oral, or topical/transdermal preparations, coupled with strategic implementation of methodologies like micro-encapsulation, nanocrystal suspensions, long-acting hydrogels, and microneedles. This thoughtful amalgamation ensures enhanced drug biodistribution and facilitates targeted therapeutic effects, thereby enabling extended release or duration of action.

Propelled by a relentless pace of innovation in developing these state-of-the-art technologies and driven by a burgeoning market demand for long-acting drug solutions, the long-acting drugs technology and services market is poised for substantial expansion during the forecast period.

Report Coverage

An executive summary of the key insights captured in research. It offers a high-level view on the current state of long-acting drug delivery technologies and services market and its likely evolution in the mid-long term.

Overview of long-acting drug delivery and types of long-acting drug delivery systems. Additionally, it highlights the underlying principles and strategies associated with long-acting drug delivery.

Detailed assessment of the current technology landscape of long-acting drug delivery technologies, based on several relevant parameters, such as principle, strategy, type of material used, compatible dosage form(s), extended dosing

interval(s), type of molecule(s) delivered, highest phase of development, number of approved drugs and therapeutic area(s).

Detailed assessment of the overall service providers landscape of the companies offering contract services related to long-acting drug delivery, based on several relevant parameters, such as year of establishment, company size, location of headquarters, location of facilities, type of service provider(s), scale of operation, compatible dosage form(s), service(s) offered and type of molecule(s) supported.

A detailed technology competitiveness analysis of long-acting drug delivery technologies based on developer power and technology strength.

A detailed company competitiveness analysis of long-acting drug delivery service providers based on company strength and service strength

Detailed profiles of prominent (shortlisted based on a proprietary criterion) players developing technologies and offering services in the domain of long-acting drug delivery, across North America, Europe and Asia-Pacific. Each profile features a brief overview of the company, details related to its technology portfolio, service portfolio, recent developments and an informed future outlook.

A detailed analysis of the recent partnerships inked between stakeholders engaged in this domain, since 2018, covering acquisitions, manufacturing agreements, product development and commercialization agreements, service alliance, technology licensing agreements, and other relevant agreements.

A detailed analysis of over 570 peer-reviewed, scientific articles on research related to long-acting drug delivery, based on several relevant parameters, such as year of publication, type of publication and popular keywords. It also provides information on top journals, top publishers, top copyright holders and key funding institutes (in terms of number of articles published).

An insightful analysis of various patents that have been filed / granted related to long-acting drug delivery, since 2018, taking into consideration parameters, such as publication year, geographical region, CPC symbols, type of organization and leading players.

A detailed review of academic grants that have been awarded to various

research institutes for projects focused on long-acting drug delivery, since 2018, based on several parameters, such as year of grant award, amount awarded, support period, type of funding institute center, grant application, purpose of grant award, grant activity code, NIH spending category, study section involved, popular NIH departments and type of recipient organization.

A comprehensive market forecast and opportunity analysis, highlighting the future potential of the market till the year 2035. We have segregated the current and upcoming opportunity based on principle, strategy, compatible dosage form, type of molecule delivered, type of material used and key geographical regions

Key Market Companies

Adare Pharma Solutions

AMW

Bostal Drug Delivery

Creative Biolabs

ForDoz Pharma

Innocore Pharmaceuticals

Integral BioSystems

LATITUDE Pharmaceuticals

Navin Saxena Research and Technology Centre (NSRT)

Samyang Biopharm

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