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Global [Pharmacology](#) & drug discovery market was valued at \$38,356 million in 2017 and is estimated to generate net revenue of approximately \$70,097 million by 2024 growing at a CAGR of 9.0% during forecast period (2017-2024)

The global pharmacokinetics services market size was valued at USD 652.8 million in 2017 and is projected to expand at a CAGR of 8.3% during the forecast period. Poor pharmacokinetics (PK) of therapeutics is one of the key reasons for higher drug attrition. In order to reduce concerns about high drug attrition, researchers are embracing the trend of PK investigation of novel moieties at each development stage.

Furthermore, implementation of predictive preclinical [pharmacokinetics/ pharmacodynamics](#) (PK/PD) models in various stages of clinical trials is recognized as a promising way to address major bottlenecks in the [pharmaceutical](#) development process. This is primarily because PK studies enable early identification of potential challenges and thereby assist in required modifications and other development strategies to mitigate drug development challenges. Over the past decades, PK has gained significant prominence in drug discovery. Having understood the role of pharmacokinetics in pharmaceutical development, government and regulatory bodies are undertaking focused efforts to standardize pharmacokinetic Protocols. In the past years, regulatory requirements for clinical pharmacokinetic data have been progressively evolving in order to address safety implications of the drug candidate. This factor has played a vital role in reshaping this market.

PK/PD analysis has helped in progressing drug development from [preclinical](#) studies to rapid and efficient in-man studies. Use of human in vivo as well as in vitro models for studying pharmacokinetics variability in the clinical development phase has been demonstrated for various pharmaceuticals.

Gradual evolution of [drug development](#) into sound pharmacology has prompted several companies to broaden their service portfolio to maintain their competitive edge in the market. This is evident through presence of a large number of companies with a broad service portfolio to serve various pharmaceutical development phases.

Importance & Scope:

Pharmacology is the branch of medicine concerned with the uses, effects and modes of action of drugs. It studies how different chemicals affect biological Systems, and incorporates knowledge and skills from a number of basic science disciplines including physiology, biochemistry, and cellular and molecular biology.

It has a broad scope, from the discovery of new target molecules to the effects of drug usage in whole populations. pharmacologists usually have a rigorous medical and scientific training that enables them to evaluate evidence and produce new data through well-designed studies. pharmacokinetic studies are performed to examine the absorption, distribution, metabolism, and excretion of a drug under investigation (investigational drug and approved drug) in healthy volunteers and/or patients.

Target Audience:

- Directors, CEO's of Organizations
- Business Development Managers
- Chief Scientific Officers
- R&D Researchers from Pharma Industries
- Professors, Associate Professors, Assistant Professors
- PhD Scholars
- Patent Attorneys
- Investment Analysts
- Association, Association presidents and professionals
- Noble laureates in Health Care and Medicine
- Bio instruments Professionals
- Bio-informatics Professionals
- Software development companies
- Research Institutes and members
- Supply Chain companies
- Manufacturing Companies
- CRO and DATA management Companies
- Training Institutes
- Business Entrepreneurs
- Related Companies/Industries:
- AdoRx Therapeutics
- Advanced Clinical
- Advion BioSciences
- Akari Therapeutics

- Atlantic Healthcare
- Aurelia Bioscience
- Axol Bioscience
- Bicycle Therapeutics
- BioPharmaSpec
- BiVictriX Therapeutics
- Blueberry Therapeutics
- Brainwave Discovery
- Calcico Therapeutics
- Cambridge Bioscience
- Capella Bioscience
- Carrick Therapeutics
- Cellular Therapeutics Ltd
- Charles River Laboratories
- Chronos Therapeutics
- Related Associations and Societies:
- American Academy of Veterinary Pharmacology and Therapeutics
- American Board of Clinical Pharmacology
- Argentine Society for Experimental Pharmacology
- Association of Pharmacologists of Ukraine
- Australian Physiological and Pharmacological Society
- . British Association for Psychopharmacology
- Colombian Association of Pharmacology
- . Australasian Society of Clinical and Experimental Pharmacologists and Toxicologists
- Austrian Pharmacological Society
- Austrian Working Group for Clinical Pharmacology

and Therapy

- Belgian Society of Fundamental and Clinical Physiology and Pharmacology
- Biomedical Research and Experimental Therapeutics Society of Singapore
- Brazilian Society of Pharmacology and Experimental Therapeutics
- Chinese Pharmacological Society

Pharmacology Congress 2020 supported by the organizing committee network of renowned scientific and professional expert such as Karen Mulkijanyan, Tbilisi State Medical University, Georgia, Shanaz Tejani-Butt, University of the Sciences, USA, Alireza Heidari, California South University (CSU), USA, Ming Lei, UNIVERSITY OF OXFORD, U.K, it provided a platform for collaboration among colleagues, vendors, and academia to reveal new innovations, solutions, ideas, and emerging technologies in Pharmacology.

The Pharmacology services global market is expected to grow at high single digit CAGR to reach \$14,343 million by 2025. Over US\$78.7 Million worth of projected demand in the region will come from Rest of Europe markets.

Global Pharmacology Conferences going to be held during January, 2020 to December, 2020 at various cities in Europe (London, Barcelona, Madrid, Valencia, Rome, Milan, Berlin, Frankfurt, Vienna, Zurich, Dublin, Edinburgh.... And Many More..!!!

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