

(Theme: Exploring the Challenges in Pre & Post Formulations and Drug Delivery Systems)

Summary:

Pharmaceutica-2015 invites all the participants across the globe to attend the "5th International Conference and Exhibition on Pharmaceutics & Novel Drug Delivery Systems" (Pharmaceutica) slated on March 16-18, 2015 at Crown Plaza, Dubai, UAE.

Pharmaceutica-2015 conveys recent developments in Nano-drug delivery systems, novel pre-formulation, formulation approaches and strategies have reoriented the focus of almost all the Pharmaceutical and Biopharmaceutical R&D's towards Novel Drug Delivery Systems (NDDS). To minimize drug degradation and loss, to prevent harmful side-effects and to increase drug bioavailability and the fraction of the drug accumulated in the required zone, various drug delivery and drug targeting systems are currently under development. A complete knowledge of the relevant therapeutic and physicochemical properties of the drug enables determination of its proper formulation and delivery method.

For more details please visit- <http://novel-drugdelivery-systems.pharmaceuticalconferences.com/>

Importance & Scope:

Novel drug delivery system is a novel approach to drug delivery that addresses the limitations of the traditional drug delivery systems.

The drug delivery system used for administering the medicine to the patient is traditional and out-of-date, resulting in reduced efficacy of the drug. If the novel drug delivery technology is applied in medicine, it may help in increasing the efficacy and reducing the side effects of various compounds. This is the basic idea behind incorporating novel method of drug delivery in medicines.

Novel Drug Delivery System, such as nanoparticles, micro-emulsions, matrix systems, solid dispersions, liposomes, solid lipid nanoparticles and so on.

As scientist study how diseases develop and progress, they are also learn more about the different ways our bodies respond to illness and the influence of specific environmental or genetic cues. Coupled with advances in technology, this increased understanding suggests new approaches for drug delivery research.

The full potential of drug delivery systems extends beyond treatment. By using advanced imaging technologies with targeted delivery, which is provided by the industries.

Why Dubai?

Dubai is the most populous city and emirate in the United Arab Emirates (UAE), and the second largest emirate by territorial size after the capital, Abu Dhabi.

Dubai has emerged as a cosmopolitan metropolis that has grown steadily to become a global city and a business and cultural hub of the Middle East and the Persian Gulf region providing house to various events.

Conference Highlights:

- Pre-formulation Considerations for Conventional Dosage Form Development
- Formulation Aspects for Various Routes of Drug Administration
- Recent Technologies in Novel Drug Delivery Systems
- Nanotechnology in Drug Delivery Systems
- Pro-drugs for Targeted Drug Delivery

- Recent Advances in Targeted Drug Delivery System
- Major challenges in Drug Delivery
- Physiological Considerations for Drug Delivery
- Vaccine Drug Delivery Systems
- Advances in Biotherapeutics-Drug Discovery and Development

Why to attend???

Pharmaceutica-2015 would lay a perfect platform for the interaction among specialists, directors, professors, faculties, experts, and research fellows around the world reputed research institutes, universities and companies, agencies, association & societies and mainly accelerating the scientific discoveries in the field of Pharmaceutics and Novel Drug Delivery Systems to exchange information on the latest research progress. Pharmaceutica-2015 would lay a platform for the interaction between experts around the world and aims in accelerating scientific discoveries.

Pharmaceutica-2015 emphasizes on recent areas of more optimized research techniques like conveys recent developments in Nano-drug delivery systems, novel pre-formulation, formulation approaches and strategies have reoriented the focus of almost all the Pharmaceutical and Biopharmaceutical R&D's towards Novel Drug Delivery Systems (NDDS). To minimize drug degradation and loss, to prevent harmful side-effects and to increase drug bioavailability and the fraction of the drug accumulated in the required zone, various drug delivery and drug targeting systems are currently under development. A complete knowledge of the relevant therapeutic and physicochemical properties of the drug enables determination of its proper formulation and delivery method.

A Unique Opportunity for Advertisers and Sponsors at this International event:

<http://novel-drugdelivery-systems.pharmaceuticalconferences.com/Sponsorship.pdf>

Major Marketing Associations around the Globe

- Saudi Pharmaceutical Society
- Association of Research-Based Pharmaceutical Companies
- Pharmaceutical Industry Association of Turkey
- Pharmaceutical Manufacturers Association of Turkey

- Association of Syrian Pharmacists
- Kuwait Pharmaceutical Association
- The Jordanian Association of Pharmaceutical
- Jordan Pharmaceuticals Association
- Lebanese Pharmaceuticals Importers Association
- Pharmaceutical Egyptian Association
- Egyptian Pharmacists Association
- Pharmaceutical Association of MUST
- Association of Pharmacy Professionals
- Pharmaceutical Society of Ireland
- The Pharmaceutical Association of Israel
- Pharmaceutical Association of Mauritius
- Pakistan Pharmacists Society
- Indian Pharmacist Association
- International Pharmaceutical Federation (FIP)
- European Pharmaceutical Union (EPU)
- Pharmaceutical Group of the European Union (PGEU)
- Smart Health and Nutrition Ltd.
- Hikma Pharmaceuticals PLC
- Valeant Pharmaceuticals MEA FZ LLC
- Al-Hayat Pharmaceuticals
- Amgen
- Elis Pharmaceuticals Limited
- Alliance Global
- Sanofi Aventis UAE
- Genpharm
- Ranbaxy Laboratories Limited
- BioPharma
- GlaxoSmithKline
- Gulf Inject
- Saga Pharmaceuticals
- Global Pharma
- Astra Zeneca UAE
- Neopharma
- Baxter A.G
- Medpharma
- Pfizer UAE

List of top Pharmaceutical companies in UAE-Dubai

- Johnson & Johnson Middle East
- Merck UAE
- Novo Nordisk Pharma Gulf
- Gulf Pharmaceutical Industry-Julphar (JULPHAR)

Fund Allotted (USD in Millions)

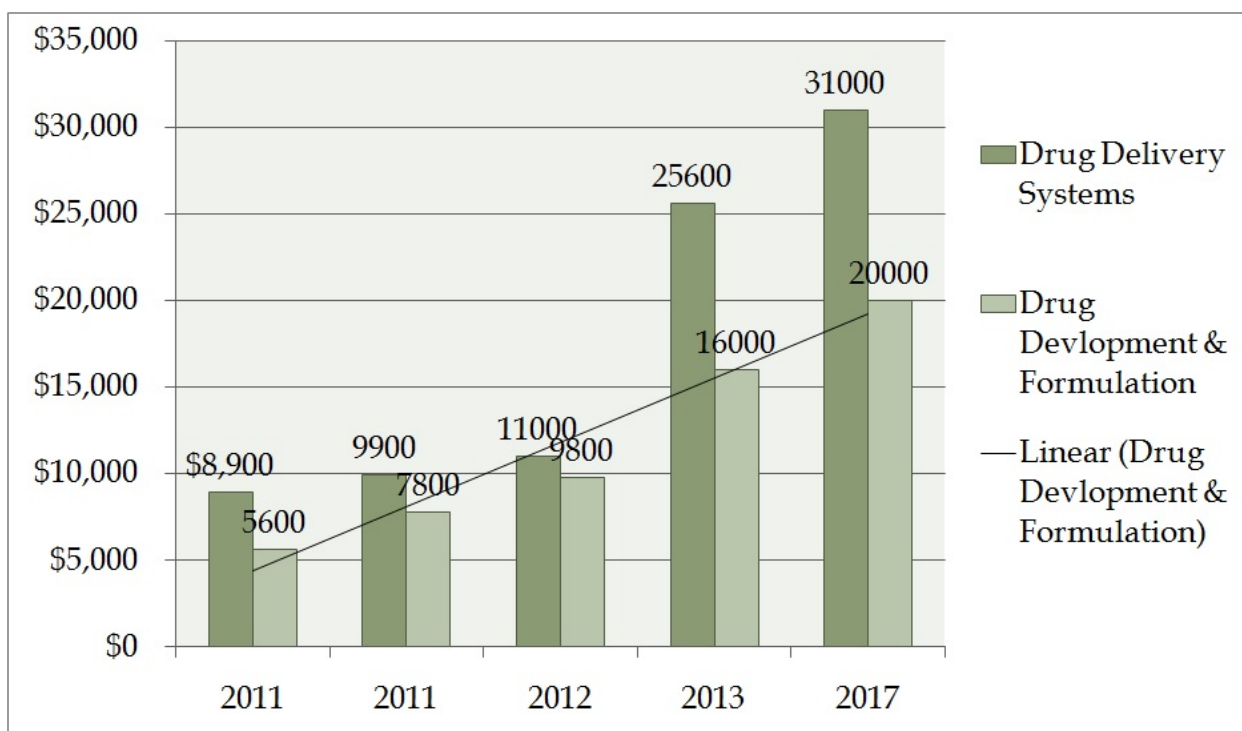


Figure 1: Fund allotted

Target Audience:

- Professors, Associate Professors, Asst Professors
- PhD Scholars
- Graduates and Post Graduates
- Directors, CEO's of Organizations
- Association, Association presidents and professionals
- Noble laureates in Health Care and Medicine
- Bio instruments Professionals

- Research Institutes and members
- Supply Chain companies
- Manufacturing Companies
- Training Institutes
- Business Entrepreneurs

Audience:

- Industry 60%
- Academia 30%

- Others 10%

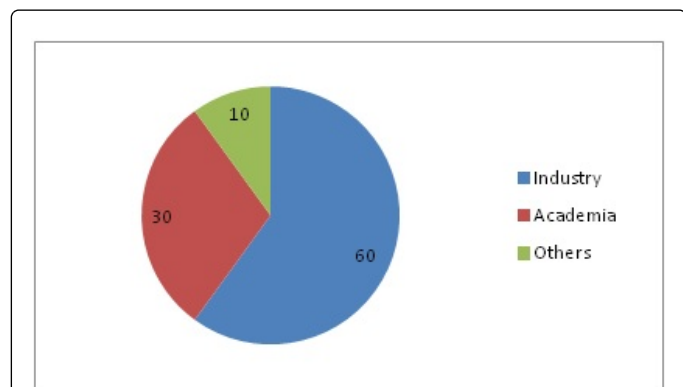


Figure 2: Target Audience Demographics

Top Universities in UAE:

- University of Sharjah
- Dubai Pharmacy College
- Gulf Medical University
- Ajman University of Science & Technology
- RAK Medical and Health Sciences University

Universities associated with Pharmaceutica

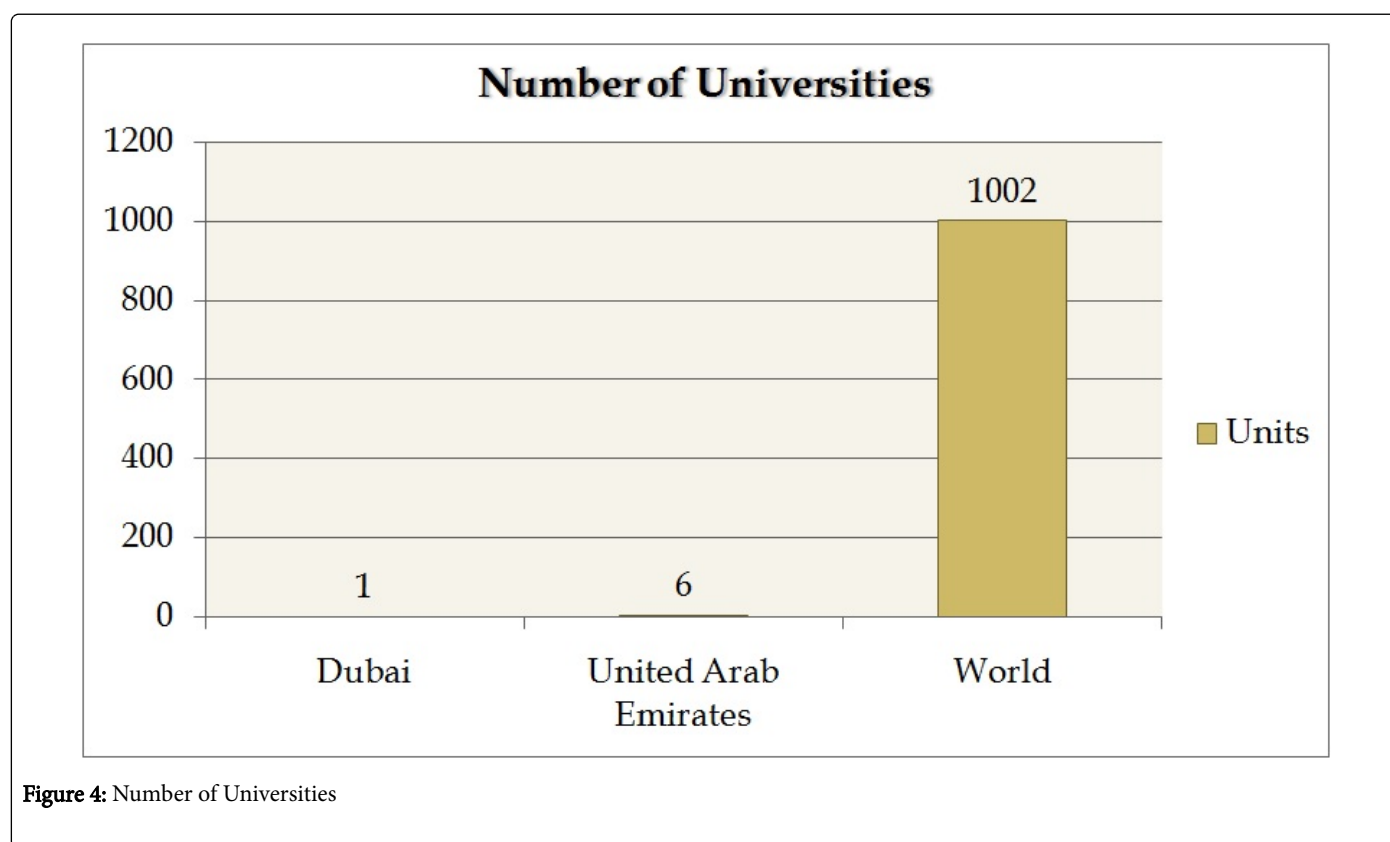


Figure 4: Number of Universities

Glance at Market of Novel Drug Delivery Systems:

Novel drug delivery systems (NDDS) are for primary available drugs are not only beneficial for patients but also less complicated while offering non-invasive drug delivery and a reduction in the dose of drug. According to statistics, the global Drug Delivery Systems market is projected to reach \$196.4 billion by 2014. Therefore, huge market opportunities and challenges exist at the same time in NDDS, both for pharma manufacturers and NDDS suppliers.

Novel drug delivery systems were not only beneficial for patients, which also less complicated, non-invasive and a reduction in the dose of active ingredients.

The global market for drug delivery systems in 2010 was \$131.6 billion and is expected to increase to \$137.8 billion by the end of 2011. The global revenue for advanced drug delivery systems is estimated to be \$151.3 billion in 2013. The market is expected to rise at a compound annual growth rate (CAGR) of 5% and reach nearly \$175.6 billion by

2016. In 2018, revenues are estimated to reach nearly a compound annual growth rate (CAGR) of 2.8%.

The U.S. constituted approximately 59% of the total drug delivery market in 2010 and was \$78 billion. It is forecast to grow from \$82 billion in 2011 to \$103 billion in 2016 at a CAGR of 4.7%.

Europe contributed about 27% of the total drug delivery market in 2010 and was \$36 billion. BCC expects this market to grow to \$49 billion by 2016 at a CAGR of 5.6%.

The global injectable drug delivery market is expected to be worth \$29.981 billion by 2015

The global pulmonary drug delivery technologies market which was \$19.6 billion in 2010 is expected to be around \$22.5 billion by 2011. This global market is further projected to reach nearly \$44 billion by 2016 at a compound annual growth rate (CAGR) of 14.3%.

Statistics which shows growth in global revenue of advanced drug delivery systems

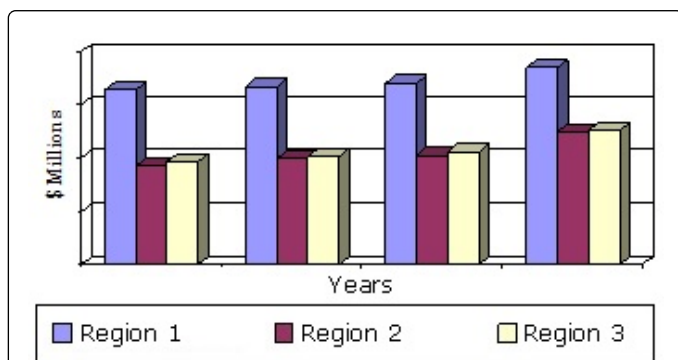


Figure 6: Global Revenue of Advanced Drug Delivery Systems By Region, 2011-2018 (\$ Millions)

References:

1. http://www.efpia.eu/uploads/Figures_Key_Data_2013.pdf
2. <http://www.bccresearch.com/market-research/pharmaceuticals/advanced-drug-delivery-markets-phm006j.html>