2<sup>nd</sup> International Conference & Exhibition on

# PHARMACEUTICS & ADVANCED DRUG DELIVERY SYSTEMS

March 18-19, 2019 | Chicago, USA





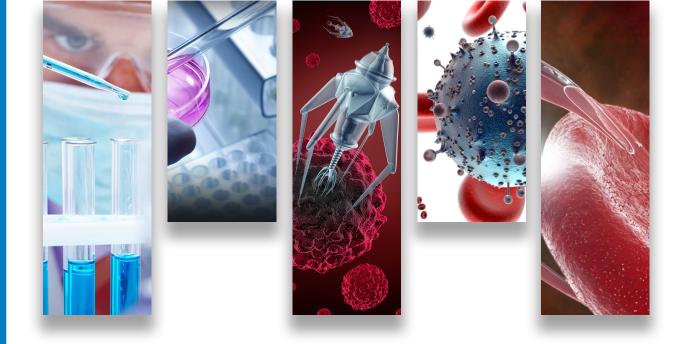




Pharmaceutical Sciences 2019

> Exploring the Cutting Edge & Futuristic Technologies in Pharmaceutical Sciences and Drug Delivery Systems.

> > Pharmaceutical Sciences 2019



## Exploring the Cutting Edge & Futuristic Technologies in Pharmaceutical Sciences and Drug Delivery Systems

Conference Dedicated to Innovate Solution to the Drug Discovery and Drug Delivery Challenges

Your single Destination to reach Largest Assemblage of participants from pharmaceutical and Healthcare Community Opportunity beyond any Comparison to Attend & Network Experience the Global Ambiance with Researchers with Similar Significance Make New Associations and Fostering Potential Partnerships Learning & Knowledge in a Single Package Worldwide Acknowledgement to your Research Profile Explore the best in Cutting Edge Research Learn Beyond your Field of Interest Professional Development to Elevate your Knowledge and Skills

## Pharmaceutical Sciences 2019

Speakers Representation from 50+ Countries

1 Conference | 2 Days

15 Keynote Talks | 30 Plenary Speakers | 18 Interactive sessions

Symposia | Workshops | Best Poster Award

200 Attendees | 50 Professors | and many more . . .

### Greetings!

Welcome to most exciting and fascinating Chicago, USA!

Within this splendid setting, we plan to deliver a conference that will exceed your expectations.

During this year's Conference, we hope that you will seize the opportunity to rekindle ongoing connections and spark new ones with your colleagues from around the globe. It's with great pleasure and great honor to invite you to the "2<sup>nd</sup> International Conference and Exhibition on Pharmaceutics & Advanced Drug Delivery Systems" scheduled during March 18-19, 2019 at Chicago, USA.

The Conference will be organized around the theme "*Exploring the Cutting* Edge & Futuristic Technologies in Pharmaceutical Sciences and Drug Delivery Systems."

Pharmaceutical Sciences 2019 anticipates more than 300 participants around the globe to experience thought provoking Keynote lectures, Oral & Poster presentations. This year conference will offer ample opportunities for all stakeholders working on Pharmaceutics and Drug Delivery Systems to expose their research work.

Our conference aims to gather the Researchers, principal investigators, experts, Pharmacologists, Biotechnologist, Pharmacists, Clinical Scientists, Pharmaceutical Entrepreneurs, Healthcare Professionals, Pharmaceutical Industrialists, Business Delegates, Scientists and students across the globe to provide an international forum for the dissemination of original research results, new ideas and practical development experiences in the field of pharmaceutics and advanced drug delivery systems.

This year's Conference program, coupled with the Business Opportunity Exchange, is an event you can't afford to miss!.

> BrandonHewitt Brandon Hewitt Program Manager | Pharmaceutical Sciences 2019 **Organizing Committee**

Sincerely

We are back again! Conference that dedicated to Innovate Solution to the Public Health Challenges, one conference which future the shape of Pharmaceutics and Drug Delivery Systems. Our Conference will organize and allow to access the global researchers around the world in a single platform. Pharmaceutical Sciences 2019 will provide a great opportunity beyond any comparison to attend and network with Pharmaceutical and Healthcare Community.

Join us at our 2019 edition of Pharmaceutics and Advanced Drug Delivery Systems to Experience the Global Ambiance with the Researchers who work with similar significance of research. Pharmaceutical Sciences 2019 will help you to get answers to all your queries related to your research work and also it creates an great opportunity to make new associations and also helps to foster potential partnerships. Pharmaceutical Sciences 2019 will be an great platform for you to create long lasting relationship with the fellow researchers from pharmaceutical and Healthcare Community.

Get worldwide acknowledgement to your research profile where more than 55000 Visitors who analyzed our conference website to attend and submit proposals of their research work. Where this was recorded as the highest number of Visitors from both, developed and developing nations. While we penetrate the study of visitor, navigation, and traffic patterns to determine the success of our conference website majority amount of traffic we receive from cities like New York, London, Valencia, Amsterdam, Madrid, Barcelona, Athens, Sydney, Paris, Frankfurt, Tokyo, Osaka, Melbourne, Moscow and Vienna.

Pharmaceutical Sciences 2019 website is attracting 56000+ Pharmacologists, Biotechnologist, Clinical Sentients, Chemists, Healthcare Professionals, Technicians, Pharmacists, Research scientists, Pharmaceutical Associations and Societies, Pharmaceutical companies, Professors and Students..

This unique opportunity that we extend to our speakers and attendees is not being offered by any other conference organizers. Through this the abstracts and research profiles of our speakers and organizing committee members getting global visibility which is an additional feature that you would be receiving in addition to networking opportunities before, during and after the conference.

### Pharmaceutical Sciences 2019 salient features

Meet Academia and Industry visionaries to get inspired Expand your knowledge and find solutions to problems Knowledge, Benchmarking and Networking offered at one place Forge connections and for global networking Highly Organized and Structured Scientific programs Poster presentations and world class exhibitions Participation by Stalwarts from various international societies Internationally renowned speakers and scientists representation Career guidance for early career researchers and students Interesting scientific deliberations and discussions Perfect platform for Global Networking

## MONDAY, March 18

08:00-09:00 Registration

09:00-09:30

Opening Ceremony

09:30-10:15

Keynote Forum fi 01

10:15-11:00

Keynote Forum fi 02

11:00-11:30

Networking Reception and Refreshment

11:30-12:15

Keynote Forum – 03

12:15-12:45

Keynote Forum – 04

12:45-13:15

Business Opportunity Exchange & Lunch

13:15-15:00

Plenary Sessions - 01

15:00-16:00

Parallel Session 01-Hall 1

General Session 02-Hall 2

Parallel Session 03-Hall 3

16:00-16:30

Networking Reception and Refreshment

16:30-18:00

Concurrent Work shops

#### TUESDAY, March 19

09:00-09:30 Registration

09:30-10:15 Keynote Forum – 01

10:15-11:00

Keynote Forum – 02

11:00-11:30 Networking Reception and Refreshment

11:30-12:15

Keynote Forum – 03

12:15-12:45

Concurrent Work shops

12:45-13:15

Business Opportunity Exchange & Lunch

13:15-15:00

Plenary Sessions – 02

15:00-16:00

Parallel Session 04-Hall 1

General Session 05-Hall 2

Parallel Session 06-Hall 3

16:00-16:30

Networking Reception and Refreshment

16:30-18:00

Awards Banquet and Closing Ceremony

### Purpose

With members from around the world focused on learning about Pharmaceutics & Advanced Drug Delivery Systems, this is your single best opportunity to reach the largest assemblage of participants from the scientific community.

Conduct demonstrations, distribute information, meet with eminent personalities, and make a splash with latest research innovations at this outstanding event.

#### Goals

- The conference program emphasizes evidence-based practice, educational innovation, practical application, and peer to peer networking and collaboration.
- The goals of the conference is to provide a transformative professional development and experience
- Bringing together the world's scientific experts to catalyze and advance scientific knowledge about Pharmaceutics and Drug Delivery Systems to present the most recent research findings, and promote and enhance scientific collaborations around the world.
- Bringing together community leaders, scientists, and policy leaders to promote and enhance programmatic collaborations to more effectively address Drug Discovery and Drug Delivery problems and overcome barriers that limit access to care and services.

### Objectives

- After participating in this meeting, attendees should be able to
- Discuss emerging issues in Drug Development & Drug Delivery Systems
- Discuss and apply recent research findings related to Pharmaceutics & Drug Delivery
- Disseminate the diverse voices of breakthrough innovators with visionary and practical solutions.

### Who should attend?

Professors, Doctors, Students and Research Scholars from Universities and Colleges, Academicians, Researchers, Scientists from Research Institutes, Pharmaceutical firms, Clinical Scientists, Pharmacologists, Pharmacists, Biotechnologist, Pharmaceutical Industrialists, Business Delegates, Healthcare Professionals and Pharmaceutical Entrepreneurs..

## CPD

Pharmaceutical Sciences has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Committee

The live format of this educational activity will be accredited with CPD Credits.

### Diverse Action-Oriented Programming & Networking

EXPERIENCE: Inspiring change around the country and world, growing a revolution from the heart of Pharmaceutics and Drug Delivery research.

EXPLORE the forefront of breakthrough ideas and models in electrifying morning keynote talks, featuring luminaries and "the greatest people you've never heard of."

PARTICIPATE in afternoon panels and workshops/symposiums on diverse topics of Pharmaceutics and Drug Delivery Systems and more!

**NETWORK** with a community of leadership – dynamic change makers from around the country and world, or from your region, to develop important professional and personal relationships.

SHARE your insights and learning at the conference in participatory and experiential workshops.

DISCOVER powerful opportunities and strategies for creating and engaging with progressive change in your work, life and community.

CELEBRATE how great a difference one person can make, and how building community amplifies that change.

## Salient Features

- Robust on-line publicity for all the speakers and organizing committee members
- Career Guidance Workshops for students and early career researchers
- Accepted Abstracts will be published in various indexed journals
- Accepted abstracts will be labeled with a Digital Object Identification Number (DOI) provided by Cross Ref
- Creation of speakers and abstracts pages in Google
- Opportunity to publish full Manu Scripts in our Open Access Journals

http://pharmaceutical.alliedacademies.com/

### Scientific Sessions

Drug Targeting & Design	Advanced Pharmacotherapy
Pharmacokinetics & Drug Interactions	Chemotherapy & Immunotherapy
Pharmacodynamics	Phytotherapy & Drug Delivary
Pharmacogenomics	Challenges in Drug Delivery
Pharmacology & Toxicology	Advances in Drug Delivery Research
Pre-formulation & Formulation Aspects	Pharmaceutical Nanotechnology
Pharmaceutical Technology	Novel Drug Delivery System
Industrial Microbiology & Biotechnology	Targeted Drug delivery system
Regulatory Affairs & Requirements	Alternative Drug Delivery Systems

### Pharmaceutical Sciences 2019 Outlook

Explore the best in Cutting edge Research Change to learn beyond your field of Interest Keynote sessions by worlds most eminent and distinguished researchers Conference Participation Inspires, Rejuvenate and Energize participants Pharmaceutical Sciences 2019 is an unique platform to increase your reputation within the Pharmaceutical Sector Learning and Knowledge in a single package Speaker's representation from 50+ Countries 1 Conference | 2 Days Pharmaceuticals in one of the main and essential field for the welfare of human society and it is also one of the largest in the global economy. The total value of the sector is over \$5 trillion. It is one thousand-fold more when compared to what is was in the 1920s. Moreover, the pharmaceutical industry is likely to triple in size in by 2060 and the pharmaceutical industry is around 30% larger than previously thought and is one of top five in the global economy.

The total market value of Drug delivery technology is estimated to reach USD 1,669.40 Billion by 2021 from USD 1,179.20 Billion in 2016, at a CAGR of 7.2% during the forecast period.

The worldwide prescription drug sales is \$774 billion in 2017 and \$811 in 2018. The prescription drug sales revenues are expected to reach over one trillion U.S. dollars by 2022. There is an increasing growth in sales of biological products as well. Pharma market areas such as Generic drugs, Rare disease therapeutics, Active pharmaceutical ingredients (API) are rapidly growing. Packaging and logistics also growing along with the main pharma market.

The Pharma market nowadays is dramatically changing due to new innovative research and demand for new therapeutics and new regulatory policies and requirements. There is an increasing demand for generic drugs from countries such as the US was observed in recent years and developing drugs for the rare disease has become increasingly mainstream. Because of high market value and comparatively low development costs, this area has a considerable investment. Rare disease therapeutics companies have a become an important growing part of the pharmaceutical marketplace.

According to an estimate performed in October 2017, the total market value of the top 20 rare disease non-oncology companies was about \$315 billion and for rare disease oncology companies was about \$193 billion. Many oncology-based companies have proceeded rare forms of cancer for approvals. And now, the rare disease market segment is more than a half trillion in value. So, a Continued Growth in Rare Disease Sector is expected in the future. For Active Pharmaceutical Ingredients (API), in terms of geographic regions the market research and analysis estimate that, US will be the major revenue contributor to the API market throughout the next four years.

And certain pharmaceutical companies are now focusing on developing new innovative therapeutics such as peptide therapeutics, Nucleic acid therapeutics and cell therapy. Specifically, a new field of research, Bioelectronics & Electroceuticals. All these innovative approaches will create a revolution in the pharma sector.

US predominantly dominates the pharma sector in most of the aspects, US comes first with \$385,191 million pharmaceutical expenditures in 2017 and china takes the second place with \$122,728 million. US is still expected to dominate the pharma market even for the next 40 years. US is the largest outlet for foreign medicines with a world market share of 33% and also it is ranked first in the number of biotech firms, patent applications, and biomedical treatment approvals. With respect to investments for R&D in pharmaceutical sector, again US comes in the top.

Chicago has grown more than 100-fold, from a small trading post at the mouth of the Chicago River into one of the nation's largest cities, and it is not about to stop. Over the next 20 years, it would quadruple in population, amazing the rest of the world with its ability to repeatedly reinvent itself.

Today, Chicago has become a global city, a thriving center of international trade and commerce, and a place where people of every nationality come to pursue their career.

Incorporated as a city in 1837, Chicago was ideally situated to take advantage of the trading possibilities created by the nation's westward expansion. The completion of the Illinois & Michigan Canal in 1848 created a water link between the Great Lakes and the Mississippi River, but the canal was soon rendered obsolete by railroads. Today, 50 percent of U.S. rail freight continues to pass through Chicago, even the city has become the nation's busiest aviation center, thanks to O'Hare and Midway International airports.

Furthermore, Chicago has been the world center of higher education and research since 1850s. It has two of the country's leading academic medical canters, one is North-western Memorial Hospital and another one is University of Chicago Medical Center. It is one of the leading cities for pharmaceutical research and development in the country. It is the 3rd largest inter-modal port in the world and a major transportation hub in United State.

The City of Chicago covers an area of 60,000 hectares and sits 176 meters above sea level on the southwestern shore of Lake Michigan. At 190 km wide and 495 km long, it's the 5th largest body of fresh water in the world. The city is traversed by the Chicago and Calumet rivers. Chicago's extensive parklands, including 3,000 hectares of city parks attract an estimated 86 million visitors annually.

As a multicultural city that thrives on the harmony and diversity of its neighborhoods, Chicago today embodies the values of America's heartland-integrity, hard work and community and reflects the ideals in the social fabric of its 77 distinct neighborhoods.

Chicago is recognized across the United States as a very passionate sports town. Chicago is a leader in reforming public schools, enhancing public safety and security initiatives, providing affordable housing in attractive and economically sound communities, ensuring accessibility for all and fostering, social, economic and environmental sustainability.

Besides, this is a city to be toured, The Chicago Riverwalk is a socializing hotspot with jaw-dropping city and river views. Navy Pier is for the kid in all of us. At worldrenowned Millennium Park, capture the perfect selfie at Cloud Gate, and revel in the virtual reality of Crown Fountain. Take the Chicago Architecture Foundation River Cruise tour, voted "one of the top ten tours in the U.S." by TripAdvisor. Gasp at the stature of Mies Van der Rohe skyscrapers and tour the living museum that is Frank Lloyd Wright architecture and much more to explore.



Buckingham-fountain

Chicago Riverwalk



Grant Park



Lincoln Park Zoo



Museum of Science and Industry

Navy pier



### Accompany Partners' Policy:

We respectfully remind you that partners accompanying delegates/speakers are not eligible to attend conference sessions and do not qualify for refreshments and lunches during the day unless they have registered.

Any partner wishing to attend events not previously selected and paid for in his or her registration may do so at the Conference Registration desk.

## Registration and Accommodation

### Policy:

Registration and accommodation changes will not be accepted unless made in writing.

Changes made within 14 days of the event may incur costs due to specific hotel and venue policies

### Cancellation Policy:

Registration cancellations will not be accepted unless made in writing.

Cancellations request made before 18 January, 2019 will be refunded less 25% of the Conference Registration fee, to cover administration costs.

No registration refunds will be processed after this date, however, substitute delegates are welcome.

### Conference Secretaria

#### **Brandon Hewitt**

Program Manager | Pharmaceutical sciences 2019

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### Academic

Only Registration: USD 799 Package A (Registration + 2 nights' Accommodation): USD 1149 Package B (Registration + 3 nights' Accommodation): USD 1299

#### Business

Only Registration: USD 899 Package A (Registration + 2 nights' Accommodation): USD 1249 Package B (Registration + 3 nights' Accommodation): USD 1399

### Student

Student YRF: USD 399 Student Poster: USD 499 (USD 399 + USD 100 for Poster) Student Participation without Amenities: USD 249 E-poster: USD 99

### Important Dates

Abstract submission opens: May 01, 2018 Registration opens: May 01, 2018 Early bird registration: December 31, 2018 On spot registration: March 18, 2019

### To Register:

Online: http://pharmaceutical.alliedacademies.com/ Email us for the Purchase Order or Invoice @ pharmaceuticalsciences@pharmaceuticsconferences.com Call: (+44) 20 3769 1755 to register by phone Whatsapp: +44-1829-580014