Pharmaceutica 2020

@Pharmaceutica_C

21st International Conference & Exhibition on

Pharmaceutics & Novel Drug Delivery Systems

March 11-12, 2020 Rome, Italy

Supporting Journals



Journal of Pharmaceutics & Drug Delivery Research



Journal of Nanomedicine & Nanotechnology: Open Access



Journal of Pharmaceutical Sciences & Emerging Drugs

https://novel-drugdelivery-systems.pharmaceuticalconferences.com/



Possessing the right formulation and drug delivery strategy is the foundation of successful drug development. But how do you achieve this? There are on-going innovations in technology, processes and partnership types being trialed across the industry. It's vital to stay abreast of these developments and look to incorporate selected elements into your existing practice to buoy strengths further and overcome weaknesses.

Pharmaceutica 2020 provides the perfect platform for just this as an interactive and engaging 2-day event: unique in format, content, networking and engagement. The event brings together truly innovative thinkers who are leading the way through trialing new disruptive solutions and rethinking the conventional formulation and delivery mind-set.

Pharmaceutica 2020 will help you to better understand how to develop the right formulation and delivery strategy with a strong scientific, clinical and commercial mind set and how innovative scientific techniques, emerging technologies and innovative devices can transform formulation and drug delivery.

Regards,
Pharmaceutica 2020 Organizing Committee

Market Analysis

Pharmaceutics & Drug Delivery Market Research

Advanced Drug Delivery Systems

- The global advanced drug delivery market should grow from roughly $178.8 billion in 2015 to nearly $227.3 billion by 2020, with a compound annual growth rate (CAGR) of 4.9%.
- The North American market should grow from nearly $75.7 billion in 2015 to $93.4 billion by 2020, a CAGR of 4.3%.
- The European market should grow from roughly $57.3 billion in 2015 to nearly $72.1 billion by 2020, a CAGR of 4.7%.

Antibiotics

- The global systemic antibiotics market should reach nearly $44.7 billion in 2020 from nearly $40.6 billion in 2015 at a compound annual growth rate (CAGR) of 2.0% from 2015 to 2020.
- The beta-lactams market should reach over $22.0 billion by 2020 from over $20.6 billion in 2015, a CAGR of 1.3% from 2015 to 2020.
- The other antibiotic classes market should reach over $10.6 billion in 2020 from nearly $8.3 billion in 2015, a CAGR of 5.0% from 2015 to 2002.

Excipients in Pharmaceuticals

- The global excipients market should reach nearly $6.9 billion by 2020 from over $6.2 billion in 2015, a compound annual growth rate (CAGR) of 1.9% from 2015 to 2020.
- The organic excipients market should reach $6.3 billion by 2020 from nearly $5.8 billion in 2015, a CAGR of 1.7% from 2015 to 2020.
- The inorganic excipients market should reach $433.7 million by 2020 from $351.9 million in 2015, a CAGR of 4.3% from 2015 to 2020.

Ophthalmic Therapeutic Drugs

- The global ophthalmic therapeutic drug market was valued at $12.3 billion in 2014. This market is expected to reach $19 billion by 2019, with a compound annual growth rate (CAGR) of 9.1% from 2014 to 2019.
- The global age-related macular degeneration (AMD) market is expected to grow to nearly $7.9 billion by 2019 from nearly $5.4 billion in 2014, a CAGR of 7.8% from 2014 to 2019.
- The global glaucoma therapeutic market generated revenue of $3.8 billion in 2014, and by 2019 this segment is expected to generate $6.4 billion, with a CAGR of 11.1% from 2014 to 2019.

Skin Disease Treatment

- The global market for skin disease treatment technologies reached $16.4 billion in 2014 and $20.1 billion in 2015. The market should reach $20.4 billion in 2020, demonstrating a compound annual growth rate (CAGR) of 3.6% from 2015 to 2020.
- The U.S market for skin disease treatment dominates the global market throughout the period, and totaled $7.3 billion in 2014. The market should reach $7.5 billion in 2015 and $8.6 billion in 2020 at a CAGR of 2.6% from 2015 to 2020.
- BRIC (Brazil, Russia, India, China) is the fastest growing region of the global dermatology market with a CAGR of 6% from 2015 to 2020. The market totaled $3.5 billion in 2015 and should reach more than $4.6 billion by 2020.

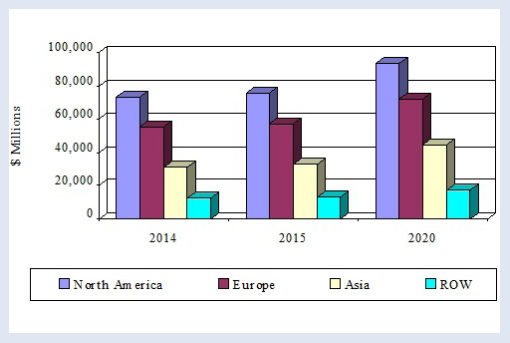
Vaccine Technologies

- The global market for vaccine technologies reached $33.3 billion in 2016 and should reach $45.2 billion by 2021, growing at a compound annual growth rate (CAGR) of 6.3% from 2016 to 2021.
- Human vaccines as a segment of this market reached $27.2 billion in 2016 and should reach nearly $37.5 billion by 2021, growing at a CAGR of 6.6% from 2016 to 2021.
- Animal vaccines as a segment of this market reached nearly $6.1 billion in 2016 and should reach $7.7 billion by 2021, growing at a CAGR of 4.9% from 2016 to 2021.

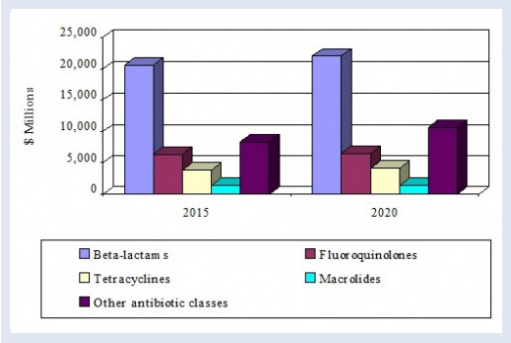
Breakthrough Therapies

- The global market for breakthrough therapy designation (BTD) drugs should reach $99.2 billion by 2022 from $48.8 billion in 2017 at a compound annual growth rate (CAGR) of 15.2%, from 2017 to 2022.
- The cancer therapy segment of the breakthrough therapy designation drugs industry is the largest market. The market is expected to grow from $19.6 billion in 2017 to $58.6 billion in 2022 at a CAGR of 24.5% for the period 2017-2022.
- The CNS and neurology therapy segment of the breakthrough therapy designation drugs industry is expected to grow from $956 million in 2017 to $8.4 billion in 2022 at a CAGR of 54.3% for the period 2017-2022.

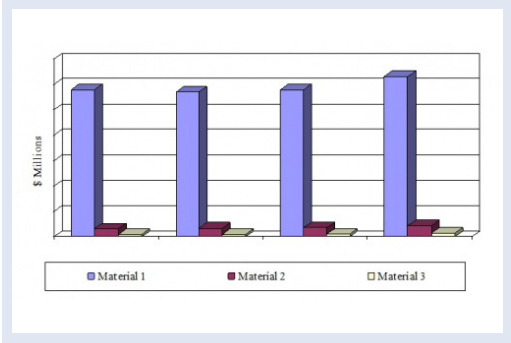
Statistical Representations



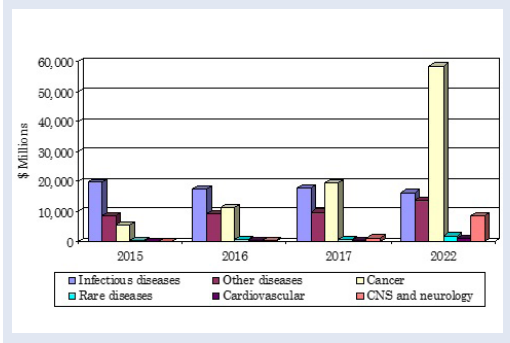
Global Advanced Drug Delivery Market by Region, 2014-2020 ($ Millions)



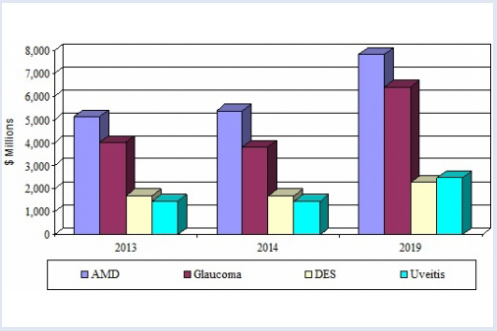
Global Antibiotics Market By Class, 2015 and 2020 ($ Millions)



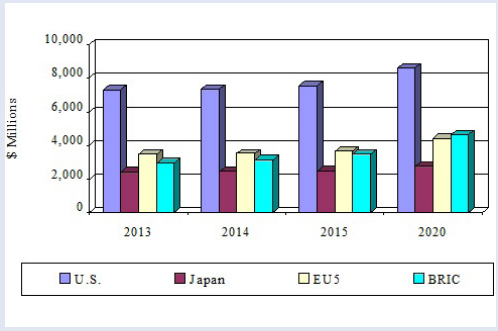
Global Excipient Market by Material Type, 2013-2020 ($ Millions)



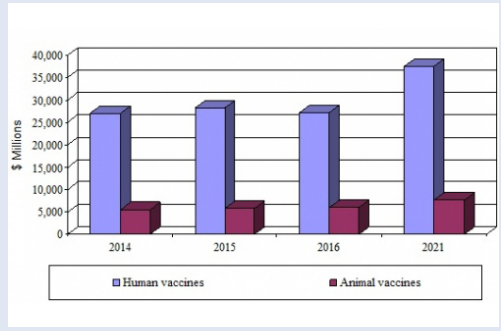
Global Market for Breakthrough Therapy Designation Drugs, by Therapy, 2015-2022 ($ Millions)



Global Ophthalmic Therapeutic Drug Market by Segment, 2013-2019 ($ Millions)



Global Market for Skin Disease Treatment Technologies by Region, 2013-2020 ($ Millions)



Global Market for Human Vaccines by Type, 2014-2021 ($ Millions)

*Source: BCC Research

2019 Pharmaceuticals Research Review:

Pharmaceuticals represented a US$300 bn-a-year market globally as of 2015, the World Health Organization states. The global pharmaceutical market is expected to surpass US$400 bn by 2018, with the ten largest pharmaceutical companies collectively commanding about a third of the market. Companies in the pharmaceutical industry are characterized by their sizeable expenditure on R&D and marketing initiatives in a bid to rake in more revenue. The development of biopharmaceuticals represents a milestone for the industry and personalized therapies carry immense promise in the near future.

Highlights:

- The global market for cancer vaccines totaled $4.5 billion in 2013 and reached nearly $4.0 billion in 2014. This market is expected to reach $4.3 billion by 2019, registering a compound annual growth rate (CAGR) of 1.3% for the period 2014-2019.
- The global market for "silent" cancers was valued at $8.5 billion in 2013 and $9 billion in 2014. This market is expected to reach almost $13.6 billion by 2019, with a CAGR of 8.5% from 2014 to 2019.
- The global market for incretin-based therapeutics was valued at nearly $11.8 billion in 2013 and $12.7 billion in 2014. This market is expected to reach $22.8 billion by 2019, with a CAGR of 12.4% from 2014 to 2019.

Cancer Vaccines: Technologies and Global Markets:

The global human vaccines market was valued at US$28.3 bn in 2015 and is estimated to reach US$72.5 bn by 2024, registering an 11.2% CAGR during the forecast period. Extensive promotion and marketing strategies and favorable government support are likely to boost market growth.

The global market for cancer vaccines was valued at nearly $4.2 billion and $4.0 billion in 2014 and 2015, respectively. This market is expected to decline from nearly $3.5 billion in 2016 to $3.4 billion in 2021 at a compound annual growth rate (CAGR) of -0.4% for 2016-2021.

Drug Delivery Companies:

The global drug delivery technology market is projected 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. This market is segmented based on route of administration, facility of use, and region.

The drug delivery technology is highly competitive market, comprising of various players. Prominent players in the drug delivery technology market include Johnson & Johnson, Inc. (U.S.), F. Hoffman-La Roche (Switzerland), Merck & Co., Inc. (U.S.), Bayer AG (Germany), Pfizer, Inc. (U.S.), Novartis AG (Switzerland), 3M Company (U.S.), Becton, Dickinson and Company (U.S.), GlaxoSmithKline plc, (U.K.), Sanofi (France), and Antares Pharma, Inc. (U.S.).

Nanotechnology Drug Delivery Market

The global nanotechnology drug delivery market was valued at US$ 41,062.5 Mn in 2014 and is projected to reach US$ 118,527.2 Mn by 2023, expanding at a CAGR of 12.5% from 2015 to 2023.

Key players having presence in the global nanotechnology drug delivery market are AbbVie, Inc., Amgen, Inc., Celgene Corporation, Johnson & Johnson, Merck & Co., Inc., and Novartis International AG, among others.

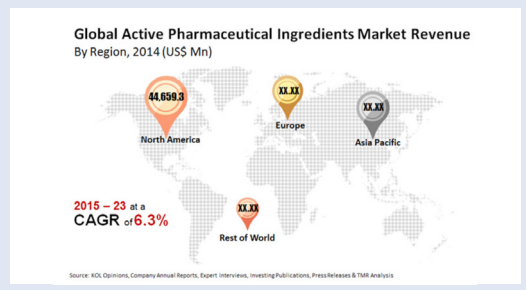
Active Pharmaceutical Ingredient Market:

Transparency Market research states the opportunity in this market will be worth US$219.60 bn by 2023 from US$134.7 bn in 2015. Between the forecast period of 2015 and 2023, the overall market is expected to expand at a CAGR of 6.3%.

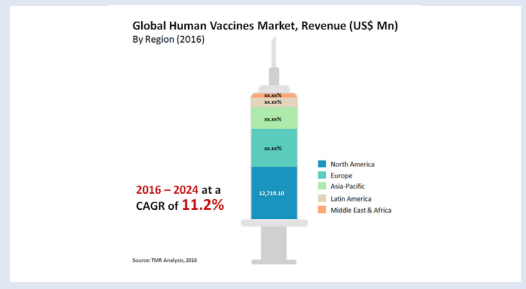
Some of the leading companies operating in the global active pharmaceutical ingredient market are Zhejiang Medicine Co., Ltd., Teva Pharmaceutical Industries Ltd., Zhejiang NHU Co., Ltd , North China Pharmaceutical Group Corp. (NCPC), Dr.Reddy's Laboratories Limited, Northeast Pharmaceutical Group Co., Ltd., Aurobindo Pharma Limited, Sandoz (Novartis AG), Zhejiang Hisun Pharmaceutical Co., Ltd. and Zhejiang Huahai Pharmaceuticals Co., Ltd. amongst others. Currently, these players are focusing on partnering with other companies to acquire a new line of products to add value to their portfolio. Furthermore, companies are also anticipated to focus on expanding their capacities to cater to the vast unmet medical needs of the world.

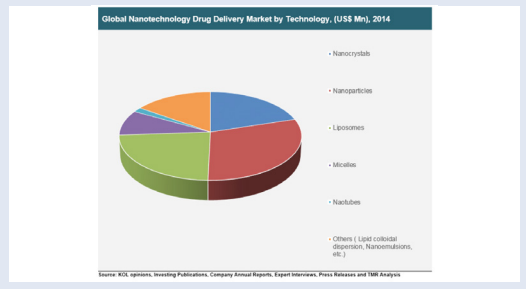
Target Audience:

- Drug Delivery Technology Manufacturers
- Public and Private Physicians
- Healthcare Institutions (Medical Data Centers)
- Research & Clinical Laboratories
- Distributors and Suppliers of Drug Delivery Technologies
- Health Insurance Payers
- Market Research and Consulting Firms









*Source: BCC Research & Transparency Market Research

Tentative Agenda

March 11, 2020 Wednesday

Time	Session
08:30-09:30	Registrations
09:30-11:30	Keynote Forum
Group Photo	
11:30-11:45	Network & Refreshments Break*
11:45-13:00	Track 1: Bio-Pharmaceutics & Pharmaceutical Chemistry
	Track 2: Drug Targeting & Design and Pharmacokinetics & Pharmacodynamics
13:00-13:45	Lunch Break**
13:45-16:00	Track 3: Pharmaceutical Formulation & Manufacturing
16:00-16:15	Network & Refreshments Break*
16:15-18:00	Track 4: Pharmaceutical Nanotechnology & Novel Drug Delivery Systems
Day Concludes	

March 12, 2020 Thursday

Time	Session
09:30-11:30	Track 9: Pharmaceutical Analysis & Pharmaceutical Process Validation
11:30-11:45	Network & Refreshments Break*
11:45-13:00	Track 10: Pharmacovigilance and Regulatory Affairs & Intellectual Property Rights
13:00-13:45	Lunch Break**
13:45-16:00	Track 11: Pharmacogenetics & Genomics
16:00-16:15	Network & Refreshments Break*
16:15-18:00	Track 12: Clinical & Hospital Pharmacy
18:00-18:15	Track 13: Industrial & Physical Pharmacy
18:15-18:30	Track 14: Pharmacy Education and Practice
Award Ceremony	
Conference Concludes	

March 11, 2020 Wednesday

Time	Session
08:30-09:30	Registrations
09:30-10:30	Keynote Forum
10:30-11:30	Track 5: Smart Drug Delivery Systems & Nanomedicine
11:30-11:45	Network & Refreshments Break*
11:45-13:00	Track 6: Biomaterials in Drug Delivery and Vaccine Drug Delivery Systems
13:00-13:45	Lunch Break**
13:45-16:00	Track 7: Medical Devices for Drug Delivery & Pharmaceutical Packaging
16:00-16:15	Network & Refreshments Break*
16:15-18:00	Track 8: Biologics, Biosimilars and Clinical Trials & Clinical Research
16:00-18:00	Poster Presentations
Day Concludes	

* Exclusive Exhibitor Event

** Networking Event

Note: Conference schedule is subject to change.

Note: Workshops and Symposia slots are available. To book slot for Workshop and Symposium send us the proposal.

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Call for Abstract : https://novel-drugdelivery-systems.pharmaceuticalconferences.com/call-for-abstracts.php
Registration : https://novel-drugdelivery-systems.pharmaceuticalconferences.com/registration.php
Abstract Submission : https://novel-drugdelivery-systems.pharmaceuticalconferences.com/abstract-submission.php

Past Keynote Speakers



Vladimir Torchilin
Director of Center for Pharmaceutical Biotechnology
and Nanomedicine
Northeastern University
USA



Raid Alany
Editor-in-Chief Pharmaceutical Development and Technology
Head of School of Life Sciences Pharmacy and Chemistry
Kingston University London
UK



Amiram Goldblum
Institute for Drug Research
The Hebrew University of Jerusalem
Israel



Olivia Merkel
Ludwig-Maximilians-Universität München
Germany



Dagmar Fischer
Friedrich-Schiller University
Germany



Andreas Bernkop-Schnürch
Professor and Head of Pharmaceutical Technology
CSO at ThioMatrix
University of Innsbruck
Austria



Arwyn Tomos Jones
Professor of Membrane Traffic and Drug Delivery
Cardiff University
UK



Steve Hood
Director, Bioimaging and D@T
GSK Fellow
UK



Sharareh Salar-Behzadi
Research Center Pharmaceutical Engineering
GmbH
Austria



Volkmar Weissig
Co-Director, Nanomedicine Center of Excellence
in Translational Cancer Research
President World Mitochondria Society
Midwestern University
USA

Past Keynote Speakers



Felix Kratz
Vice President
CytRx Corporation
Germany



Kang Choon Lee
Professor
Sungkyunkwan University
Republic of South Korea



Hyungil Jung
Professor
Yonsei University
South Korea



Wei-Chiang Shen
Professor
University of Southern California
USA



Joel Richard
Vice President
Ipsen
France



Peter Krajcsi
Solvo Biotechnology
Hungary



Kostas D Demadis
Professor
University of Crete,
Greece

Past Exhibitors & Sponsors

particle works, Pion, Meritics Ltd, American Elements, bicosome, ACDIMA, NIMS, SOLVO Biotechnology, ROQUETTE, FEDEGARI, Patheon, Malvern, SwRI, Quotient Clinical, Precision NanoSystems

Past Industry Representation

MEDA, sciecure, Precision NanoSystems, Absorption Systems, Alfa Wassermann, Amorepacific, Angelini, AstraZeneca, BioLAGO, Bio-Technology General Corp., Houston Methodist Research Institute, BIOASIS, noble, ratiopharm, CRODA, Amway, Surface Measurement Systems, Zenvision Pharma, Dr. Reddy's, Gally International, Hovione, KNPC, inovio, MediCell, Genentech, HTD Biosystems Inc., iBET, Gedeon Richter, Italfarmaco, APR, Mallinckrodt Pharmaceuticals, Pfizer, Protalix Biotherapeutics, Reckitt Benckiser, Sanofi, Fedegari, Altus formulation

Poster Presentation

Present your research poster at our conference

Benefits:

- Will be published in our conference proceedings and also the conference book.
- Publication of entire article at 50% rebate in the respective subject journals.
- Posters will be evaluated by our Jury and the best poster will be awarded a certificate.

Poster Specifications:

- Present numerical data in the form of graphs, rather than tables (graphs make trends in the data much more evident). If data must be presented in table-form, keep it Simple.
- Visuals should be simple and bold.
- Avoid acronyms and extensive mathematical notations as much as possible.
- Posters with 800 words or less are perfect. Avoid submitting compactly packed, high word-count posters.
- Organize your poster into subdivisions, e.g., Introduction, Methods, Results; Discussion, Conclusions, and Literature Cited (avoid using too many citations).
- Use bright colours to enhance the detail.
- Text should be readable from five feet distance.
- Besides your project, the text could also include future research plans or questions.
- Each poster should be approximately 1x1 M long.
- The title, contents and the author's information should be clearly visible from a distance of 1-2 feet.

Note: *To secure a poster board and inclusion in the conference materials, your abstract must be submitted, approved and your registration paid in full.*



Young Researchers Forum

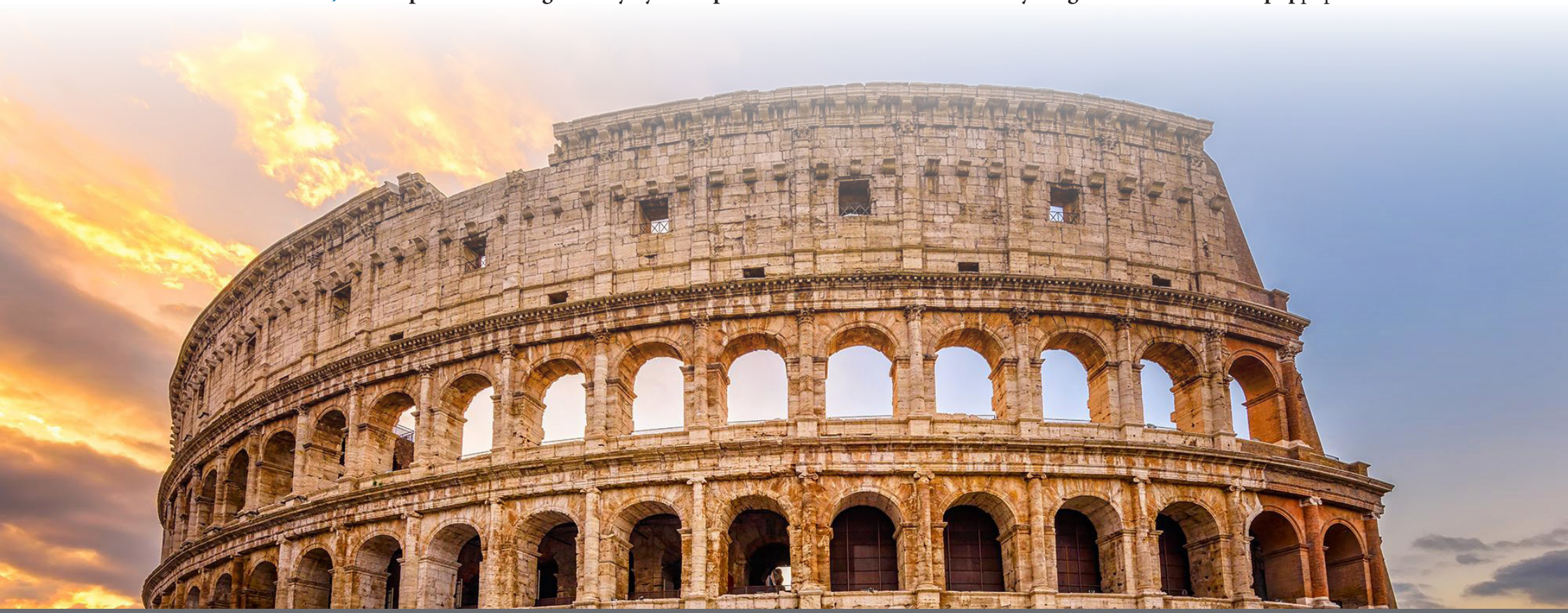
Come Let's Bring a Transformation in the Scientific Society:

The Young Researchers Forum offers young researchers the possibility to meet and discuss research topics and methodologies, share and develop ideas, learn from each other and gain knowledge from senior researchers.

Benefits:

- Showcase your research through oral presentations.
- Learn about career development and the latest research tools and technologies in your field.
- This forum will give pertinent and timely information to those who conduct research and those who use and benefit from research.
- Develop a foundation for collaboration among young researchers.
- The forum will provide an opportunity for collegial interaction with other young investigators and established senior investigators across the globe.
- Interact and share ideas with both peers and mentors.
- Opportunity for young researchers to learn about the research areas of their peers to increase their capacity as multidisciplinary researchers.
- Actively distribute information and promote the benefits of education and career matters.

For more info, PS: **https://novel-drugdelivery-systems.pharmaceuticalconferences.com/young-researchers-forum.php**php



Venue Details:



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Registration & Pricing

@Pharmaceutica_C

ACADEMIC REGISTRATION

IMPORTANT DATES	Early-Bird Rate until September 30, 2019	Mid Registration Rate until December 15, 2019	Standard Registration Rate from March 11, 2020
Only Registration	$699/€680/£620	$799/€770/£700	$899/€870/£790
Package A (Registration + 2 nights Accommodation)	$1149/€1110/£1000	$1249/€1200/£1090	$1349/€1300/£1180
Package B (Registration + 3 nights Accommodation)	$1299/€1250/£1130	$1399/€1340/£1220	$1499/€1440/£1300

BUSINESS REGISTRATION

IMPORTANT DATES	Early-Bird Rate until September 30, 2019	Mid Registration Rate until December 15, 2019	Standard Registration Rate from March 11, 2020
Only Registration	$799/€770/£700	$899/€870/£790	$999/€960/£870
Package A (Registration + 3 nights Accommodation)	$1249/€1200/£1090	$1349/€1300/£1180	$1499/€1440/£1300
Package B (Registration + 4 nights Accommodation)	$1399/€1340/£1220	$1499/€1440/£1300	$1599/€1530/£1390

STUDENT REGISTRATION

IMPORTANT DATES	Early-Bird Rate until September 30, 2019	Mid Registration Rate until December 15, 2019	Standard Registration Rate from March 11, 2020
Young Researchers Forum (Oral)	$399/€390/£360	$499/€490/£440	$599/€580/£530
Student Delegate	$249/€250/£230	$299/€300/£270	$349/€350/£320

EXHIBTION & SPONSORS

IMPORTANT DATES	Early-Bird Rate until September 30, 2019	Mid Registration Rate until December 15, 2019	Standard Registration Rate from March 11, 2020
Exhibitor	$1499/€1440/£1300	$1999/€1910/£2030	$2499/€2390/£2160
Silver Sponsor	$3499/€3340/£3020	$3999/€3810/£3450	$4499/€4290/£3880
Gold Sponsor	$4999/€4760/£4310	$5499/€5240/£4740	$5999/€5710/£5200
Elite Sponsor	$7499/€7140/£6460	$7999/€7610/£6890	$8999/€8560/£7750

Only Registration Includes:

- Access to all Sessions
- Handbook & Conference Kit
- Certificate Accreditation from the Organizing Committee
- Abstracts will be published in the conference souvenir and respective International Journal
- Each registrant will get 50% abatement on manuscript publication fees
- Ask the Expert Forums (One to One Pre-Scheduled meeting on interest and availability)
- Access to the attendees email list (post conference)
- 10% abatement on the registration fees for the next annual conference
- 10% abatement on the Conference Series llc LTD conferences membership
- 2 Coffee breaks (Refreshments and snacks) during the conference
- Lunch during the conference
- Wi-Fi

Package A:

Above all features including the following:

- Breakfast during the Conference
- 2 Nights' accommodation (i.e. March 10th & 11th) of deluxe single/ double room at the conference venue

Package B:

Above all features including the following:

- 1 Night extra accommodation i.e. March 12th (total 3 Nights)

For Student Delegates:

- Access to All Sessions
- Coffee break during the conference
- Conference Kit
- Lunch during the conference

For Student Visitor:

- Access to All Sessions
- Coffee break during the conference

E-Poster for $99:

- The amount charged for E-Posters is to display the E-Posters only on website
- The abstract will be published in conference proceeding book
- The presenter is not required to be present in person at the conference