

Drug discovery models to prioritize pathways and targets for Parkinson's disease

On demand

AI Applications for Drug Discovery Development

- Discuss attempted methods for generative chemistry and virtual screening
- Implementation of data mining techniques to identify alternative indications for drugs in pipeline

Participants

Speaker: Andy Lee - COO, Vincere Biosciences

Many Shots on Goal: Evotec's Business Model

On demand

BioPharm America: Innovation and Investing

This series of talks features different models of innovation, why they work, and how they contribute to the biotech ecosystem. In this fireside chat, Thomas Hanke from Evotec's BRIDGES initiative will discuss some of the different partnerships that drive early innovation.

Participants

Host: Stephanie Marrus - Managing Director Entrepreneurship, UCSF

Guest: Thomas Hanke - EVP, Head, Academic Partnerships, Evotec

What will it take to succeed in drug delivery - A look into what's coming

On demand

Drug Delivery Partnerships 1

Participants

Speaker: Cornell Stamoran - VP, Corporate Strategy, Catalent Pharma Solutions

BioPharm America Startup Pitch Competition

On demand

Startup Program

Qualifying startup companies have been invited to pitch their company using no more than four slides and four minutes. Our panel of judges will determine the winner by the quality and effectiveness of the pitch.

Participating Companies:

Ciscovery Bio Inc.

Ardan Pharma

Element Therapeutics

EndoCrine

MediGear International Corp

Participants

Judge: Mira Chaurushiya - Partner, 5AM Ventures

Judge: Anjali Kumar - Sr. Director External Innovation Search and Evaluation, Johnson & Johnson Innovation

Judge: Matthew Miessau - Associate, Epidarex, Epidarex

Judge: Anna Turetsky - Principal, Venture Investments, The Mark Foundation for Cancer Research

Targeting the morphological impact of disease

On demand

AI Applications for Drug Discovery Development

Participants

Speaker: Marzieh Haghighi - Postdoctoral Associate, Broad Institute of Harvard and MIT

The IndieBio Accelerator Model

On demand

BioPharm America: Innovation and Investing

This series of talks features different models of innovation, why they work, and how they contribute to the biotech ecosystem. In this fireside chat, Stephen Chambers from IndieBio will discuss the role accelerators play in the biotech ecosystem.

Participants

Host: Stephanie Marrus - Managing Director Entrepreneurship, UCSF

Guest: Stephen Chambers - Managing Director, IndieBio NY

Building Consumer Healthcare (OTC) Brands with Novel Drug Delivery in 2020

On demand

Drug Delivery Partnerships 1

Participants

Speaker: Bob Nissen - President, Nissen Consulting

The Digital Story: How Bayer is Playing It

On demand

BioPharm America: Innovation and Investing

This series of talks features different models of innovation, why they work, and how they contribute to the biotech ecosystem. In this chat, Douglas Lee discusses how digital innovation, internally and externally, is developing in tandem with biotech business models.

Participants

Host: Stephanie Marrus - Managing Director Entrepreneurship, UCSF

Guest: Douglas Lee - VP, Head Digital and Data Science, Business Development & Licensing, Bayer

Pharma Open Innovation: Bayer's Case Study

On demand

BioPharm America: Innovation and Investing

This series of talks features different models of innovation, why they work, and how they contribute to the biotech ecosystem. In this fireside chat, Chandra Ramanathan discusses a global approach to sourcing and supporting biotech innovation.

Participants

Host: Stephanie Marrus - Managing Director Entrepreneurship, UCSF

Guest: Chandra Ramanathan - Global Head, Pharma R&D Open Innovation, Bayer

Bayer's LEAPS

On demand

BioPharm America: Innovation and Investing

This series of talks explores models of financial support and financing for biotech startups and early stage companies. Speakers will identify the key elements, financial and otherwise, needed to ensure a stable foundation for future growth and development of biotech companies and the therapeutics they deliver to patients.

Participants

Host: Steve Dickman - CEO, CBT Advisors

Guest: Jürgen Eckhardt - Head, Leaps by Bayer

VCs and early stage funding

On demand

BioPharm America: Innovation and Investing

This series of talks explores models of financial support and financing for biotech startups and early stage companies. Speakers will identify the key elements, financial and otherwise, needed to ensure a stable foundation for future growth and development of biotech companies and the therapeutics they deliver to patients.

Participants

Host: Steve Dickman - CEO, CBT Advisors

Guest: Kevin Johnson - Co-Founder and Partner, Medicxi

Early stage funding trends in Europe

On demand

BioPharm America: Innovation and Investing

This series of talks explores models of financial support and financing for biotech startups and early stage companies. Speakers will identify the key elements, financial and otherwise, needed to ensure a stable foundation for future growth and development of biotech companies and the therapeutics they deliver to patients.

Participants

Host: Steve Dickman - CEO, CBT Advisors

Guest: Regina Hodits - General Partner, Wellington Partners Life Sciences

Fostering diversity in and through biotech investment

On demand

BioPharm America: Innovation and Investing

Participants

Moderator: Elliott Francis - Director, Diversity and Inclusion, BIO (Biotechnology Innovation Organization)

Panelist: Celia Economides - Senior VP, Strategy and External Affairs, Kezar Life Sciences

Panelist: Paul Hastings - President and CEO, Nkarta Therapeutics

Panelist: Sara Nayeem - Partner, NEA

Catalyzing Innovation Partnerships in a COVID-19 Era

On demand

BioPharm America: Innovation and Investing

The world has changed in 2020, making partnerships to accelerate healthcare innovation more important than ever. Since the start of the COVID-19 pandemic, transformation to the innovation ecosystem is enabling and accelerating early scientific discoveries by investing and partnering with innovators with the potential to positively impact human health. In this fireside chat, leaders from Johnson & Johnson Innovation share insights and perspectives about catalyzing innovation partnerships in the COVID-19 era, along with Thirty Madison's CEO Steven Gutentag and Polaris Partners' Managing Partner Amy Schulman.

Participants

Moderator: Julie Hamill - Sr. Director, External Innovation Strategy and Programs, Johnson & Johnson Innovation

Panelist: Stacy Feld - Head, Johnson & Johnson Innovation, West North America, Australia & New Zealand, Johnson & Johnson Innovation

Panelist: Steven Gutentag - CEO and Co-Founder, Thirty Madison

Panelist: Amy Schulman - Managing Partner, Polaris Partners

SCHEDULE

ON DEMAND -

BioPharm America

September 21–24, 2020

Proudly part of Biotech Week Boston
Delivered Digitally | US Eastern Daylight Time

TIME	AI APPLICATIONS FOR DRUG DISCOVERY DEVELOPMENT	BIOPHARM AMERICA: INNOVATION AND INVESTING	DRUG DELIVERY PARTNERSHIPS 1	STARTUP PROGRAM
12:00AM	<p>On demand - Drug discovery models to prioritize pathways and targets for Parkinson's disease</p> <p>On demand - Targeting the morphological impact of disease</p>	<p>On demand - Many Shots on Goal: Evotec's Business Model</p> <p>On demand - The Indiebio Accelerator Model</p> <p>On demand - The Digital Story: How Bayer is Playing It</p>	<p>On demand - What will it take to succeed in drug delivery - A look into what's coming</p> <p>On demand - Building Consumer Healthcare (OTC) Brands with Novel Drug Delivery in 2020</p>	<p>On demand - BioPharm America Startup Pitch Competition</p>
1:00AM		<p>On demand - Pharma Open Innovation: Bayer's Case Study</p> <p>On demand - Bayer's LEAPS</p> <p>On demand - VCs and early stage funding</p>		
2:00AM		<p>On demand - Early stage funding trends in Europe</p> <p>On demand - Fostering diversity in and through biotech investment</p>		
3:00AM		<p>On demand - Catalyzing Innovation Partnerships in a COVID-19 Era</p>		

Master Class A, part 1: Alliance management - concepts and tools to make the best out of your partnerships (available On Demand)

9:00am - 9:30am
Drug Delivery Partnerships 1

Strategic alliances have a growing importance in most companies, both large and small, and have significant influence on long-term corporate success. At the same time these collaborative relationships between partners with often significant organizational and cultural differences are frequently challenging and complex, and therefore require careful and diligent management for maximum impact.

In this half-day interactive workshop key concepts and tools to address the various parts of the alliance lifecycle, from alliance strategy to search, negotiation, launch, working and closing phase, are discussed.

Participants

Speaker: Christoph Huwe - Director, Strategic Alliance Management, Bayer Pharmaceuticals

Master Class A, part 2: Alliance management - concepts and tools to make the best out of your partnerships (available On Demand)

9:30am - 10:15am
Drug Delivery Partnerships 1

Strategic alliances have a growing importance in most companies, both large and small, and have significant influence on long-term corporate success. At the same time these collaborative relationships between partners with often significant organizational and cultural differences are frequently challenging and complex, and therefore require careful and diligent management for maximum impact.

In this half-day interactive workshop key concepts and tools to address the various parts of the alliance lifecycle, from alliance strategy to search, negotiation, launch, working and closing phase, are discussed.

Participants

Speaker: Christoph Huwe - Director, Strategic Alliance Management, Bayer Pharmaceuticals

Master Class A, part 3: Alliance management - concepts and tools to make the best out of your partnerships (available On Demand)

10:15am - 11:00am
Drug Delivery Partnerships 1

Strategic alliances have a growing importance in most companies, both large and small, and have significant influence on long-term corporate success. At the same time these collaborative relationships between partners with often significant organizational and cultural differences are frequently challenging and complex, and therefore require careful and diligent management for maximum impact.

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Participants

Speaker: Christoph Huwe - Director, Strategic Alliance Management, Bayer Pharmaceuticals

Keynote: What will AI actually solve in the next 5–10 years? (available on Demand)

10:30am - 10:50am
AI Applications for Drug Discovery Development

- Landscape, regulatory and business overview
- High-level summary of use cases
- Where should investment be made and what could be the best strategic decisions?

Participants

Speaker: Emir Roach - Global Head of Emerging Technologies and Digital Health Partnerships, Takeda

What does precision medicine actually mean and how can AI and ML impact it? (available On Demand)

11:00am - 11:40am
AI Applications for Drug Discovery Development

Precision medicine promises more efficacious therapeutics and more cost-efficient R&D. Join this session as panelists discuss:

- What does precision medicine translate to in the R&D process?

- How is AI and ML relevant, even essential, to this evolution of R&D?

- What is working well and what can we look forward to?

- Where are the bottlenecks and what are solutions?

Participants

Moderator: Monique Levy - Formerly Chief Strategy Officer, BlackThorn Therapeutics, USA

Panelist: Colin Hill - Chairman, CEO and Co-Founder, GNS Healthcare

Panelist: Renee Deehan - VP Computational Biology, Quartz Bio

Panelist: Tanya Wallace - Head of Biology, Blackthorn Therapeutics

Master Class A, part 4: Alliance management - concepts and tools to make the best out of your partnerships (available On Demand)

11:00am - 11:30am
Drug Delivery Partnerships 1

Strategic alliances have a growing importance in most companies, both large and small, and have significant influence on long-term corporate success. At the same time these collaborative relationships between partners with often significant organizational and cultural differences are frequently challenging and complex, and therefore require careful and diligent management for maximum impact.

In this half-day interactive workshop key concepts and tools to address the various parts of the alliance lifecycle, from alliance strategy to search, negotiation, launch, working and closing phase, are discussed.

Participants

Speaker: Christoph Huwe - Director, Strategic Alliance Management, Bayer Pharmaceuticals

Fireside Chat: Using AI to optimize drug selection and development (available On Demand)

11:45am - 12:05pm

AI Applications for Drug Discovery Development

- Predictive drug efficacy
- Radiology & image recognition
- Remove subjectivity from trial data

Participants

Host: John Vandermosten - Senior Biotechnology Analyst, Zacks Investment Research

Guest: Panna Sharma - CEO, Lantern Pharma

Master Class B: Parts 1 & 2 – Negotiation for Drug Delivery (available on-demand) – Please view these prior to joining the LIVE Part 3

12:00pm - 2:15pm

Drug Delivery Partnerships 1

Drug delivery innovations have the potential to create significant value and their successful delivery to the market depends on the seamless collaboration between multiple parties. All major stakeholders in the innovation process will typically engage in multiple negotiations along the way from the first ideation of a novel product to its market introduction and beyond. These negotiations often span various areas including product profile, timelines, funding, and distribution of the value created.

The interactive half-day master class provides an overview of proven negotiation practices and illustrates how to apply these in the dynamic environment of drug delivery innovation.

Please view parts 1 and 2, and play the game with your group partner prior to joining the live session at 2:15pm

Participants

Speaker: Ralph Lipp - President and CEO, Lipp Life Sciences

Conversational AI and Voice Assistance (available On Demand)

12:05pm - 12:25pm

AI Applications for Drug Discovery Development

- Overview of conversational AI
- General statistics on the usage of voice assistants and their growth globally
- Developing the concept of the digital trial concierge
- Practical considerations
- What's next: platform integration, higher levels of interaction

Participants

Host: Stephen Ruhmel - Associate Director, Janssen Clinical Innovation, Johnson & Johnson

Speaker: Timothy Chen - Mobile Health Director, Medidata

Opening the black box: AI design for actionable and verifiable drug target prediction (available On Demand)

1:00pm - 1:20pm

AI Applications for Drug Discovery Development

- How are people validating the decisions made by AI?
- If we can provide better experimentally validated targets – will drug discovery become more valuable?
- Would better validation lead to re-risking the development process?

Participants

Speaker: Martin Akerman - Co-Founder and CTO, Envisagenics

AI for clinical trial design and management – failing fast (available On Demand)

1:20pm - 1:40pm

AI Applications for Drug Discovery Development

- Can the central dogma of clinical trials be challenged?
- How can the clinical trials process be made more efficient? Overcoming barriers and enabling better outcomes
- Using RWE to leverage trial design and predict outcomes
- Clinical trial models, i.e., Hybrid, etc.

Participants

Speaker: Colin Hill - Chairman, CEO and Co-Founder, GNS Healthcare

Live Speaker Q&A

1:40pm - 2:25pm

AI Applications for Drug Discovery Development

Join Speakers from the AI Applications For Drug Discovery and Development track for a live in person Q&A session. Use this opportunity to connect with program participants as well as other attendees.

Participants

Host: Monique Levy - Formerly Chief Strategy Officer, BlackThorn Therapeutics, USA

LIVE: Master Class B, part 3: Negotiation for drug delivery innovation

2:15pm - 3:00pm

Drug Delivery Partnerships 1

Drug delivery innovations have the potential to create significant value and their successful delivery to the market depends on the seamless collaboration between multiple parties. All major stakeholders in the innovation process will typically engage in multiple negotiations along the way from the first ideation of a novel product to its market introduction and beyond. These negotiations often span various areas including product profile, timelines, funding, and distribution of the value created.

The interactive half-day master class provides an overview of proven negotiation practices and illustrates how to apply these in the dynamic environment of drug delivery innovation.

In Part 3, participants will Debrief the group about their negotiation outcomes. Ralph will discuss learnings, summarize key points and answer potential questions.

Participants

Moderator: Ralph Lipp - President and CEO, Lipp Life Sciences

SCHEDULE

BIOPHARM AMERICA DIGITAL - DAY ONE - 21/09/2020

BioPharm America

September 21–24, 2020

Proudly part of Biotech Week Boston
Delivered Digitally | US Eastern Daylight Time

TIME	AI APPLICATIONS FOR DRUG DISCOVERY DEVELOPMENT	DRUG DELIVERY PARTNERSHIPS 1
9:00AM		<p>9:00am - Master Class A, part 1: Alliance management - concepts and tools to make the best out of your partnerships (available On Demand)</p> <p>9:30am - Master Class A, part 2: Alliance management - concepts and tools to make the best out of your partnerships (available On Demand)</p>
10:00AM	<p>10:30am - Keynote: What will AI actually solve in the next 5–10 years? (available on Demand)</p>	<p>10:15am - Master Class A, part 3: Alliance management - concepts and tools to make the best out of your partnerships (available On Demand)</p>
11:00AM	<p>11:00am - What does precision medicine actually mean and how can AI and ML impact it? (available On Demand)</p> <p>11:45am - Fireside Chat: Using AI to optimize drug selection and development (available On Demand)</p>	<p>11:00am - Master Class A, part 4: Alliance management - concepts and tools to make the best out of your partnerships (available On Demand)</p>
12:00PM	<p>12:05pm - Conversational AI and Voice Assistance (available On Demand)</p>	<p>12:00pm - Master Class B: Parts 1 & 2 – Negotiation for Drug Delivery (available on-demand) – Please view these prior to joining the LIVE Part 3</p>
1:00PM	<p>1:00pm - Opening the black box: AI design for actionable and verifiable drug target prediction (available On Demand)</p> <p>1:20pm - AI for clinical trial design and management – failing fast (available On Demand)</p> <p>1:40pm - Live Speaker Q&A</p>	
2:00PM		<p>2:15pm - LIVE: Master Class B, part 3: Negotiation for drug delivery innovation</p>

SESSIONS

BIOPHARM AMERICA DIGITAL - DAY TWO - 22/09/2020

BioPharm America

September 21–24, 2020
Proudly part of Biotech Week Boston
Delivered Digitally | US Eastern Daylight Time

Registration & Networking Lounge Open

9:00am - 9:15am
LeadingBiotech Boston CEO&BD

Opening remarks

9:15am - 9:20am
LeadingBiotech Boston CEO&BD

Participants

Speaker: Wendy Nelson - CEO, Leading Biotech

Speaker: Robert Perez - Founder and Chairperson, Life Science Cares

The role of patient advocacy groups and disease foundations in our ecosystem

9:20am - 10:05am
LeadingBiotech Boston CEO&BD

Participants

Moderator: Samantha Singer - Entrepreneur-In-Residence, Third Rock Ventures

Panelist: Chris Garabedian - CEO, Xontogeny, and Former CEO, Sarepta

Panelist: Jenn McNary - Founder, One Rare, Beauhawks

Panelist: Michele Rhee - Patient Affairs, Enzyvant

Top considerations when engaging a potential strategic partnership

10:05am - 10:35am
LeadingBiotech Boston CEO&BD

Participants

Moderator: Daniela Iwanski - VP, Govig & Associates

Panelist: Chandra Ramanathan - Global Head, Pharma R&D Open Innovation, Bayer

Panelist: Steve Tregay - Managing Partner, BioInnovation Capital

Panelist: Patrick Tricoli - CEO, Nanobiotix US and Global Head of Business Development, Nanobiotix

Fireside chat: Maximizing value in an M&A

10:35am - 11:00am
LeadingBiotech Boston CEO&BD

Participants

Moderator: Wendy Nelson - CEO, Leading Biotech

Speaker: Gary Glick - Founder and Executive Chair, IFM

CSTD Regulatory Considerations (available On Demand)

10:40am - 11:00am
Drug Delivery Partnerships 1

Participants

Speaker: Lana Shiu - Executive Director, Medical Device Regulatory Affairs, Global Regulatory Affairs and Safety, Amgen

Ginkgo Bioworks

11:00am - 11:15am
LeadingBiotech Boston CEO&BD

Participants

Speaker: Jason Kelly - Co-Founder and CEO, Ginkgo Bioworks

Regulatory and scientific justifications for CMC Changes - Case studies of modified release products (available On Demand)

11:00am - 11:20am
Drug Delivery Partnerships 1

A drug product rarely remains unchanged throughout its lifecycle. When changes in raw materials, formulation, process, shelf-life, specification or test methods are needed during product development or commercialization, it is essential to evaluate and understand the potential impacts of these changes on the quality, safety and efficacy of the product. To ensure quality and performance, an array of law, regulations and guidelines need to be followed. In addition, scientific justifications based on product and process understanding can also play an important role, especially when changes are outside of the prescriptive regulatory guidance. This presentation will discuss regulatory requirements and scientific justifications that can be used to support different CMC changes for modified release products, including examples of justifying specification revision, multiple related formulation and process changes and biowaivers based on both quantitative and qualitative in vitro-in vivo relationship.

Participants

Speaker: Yihong Qiu - Senior Research Fellow, Formulation Sciences, AbbVie

Fireside chat: Pricing

11:15am - 12:00pm
LeadingBiotech Boston CEO&BD

Participants

Speaker: Bruce Booth - Partner, Atlas Venture

Speaker: Andy Plump - President, R&D, Takeda Pharmaceuticals

EU/MDR/IVDR combination product and companion product considerations

11:20am - 11:40am
Drug Delivery Partnerships 1

Participants

Speaker: Liliana Omar - Regulatory and Quality Project Director, Covance

Lunch Break & Networking Lounge

12:00pm - 12:30pm
LeadingBiotech Boston CEO&BD

Keynote Address: Innovating Beyond Reason

12:30pm - 1:00pm
LeadingBiotech Boston CEO&BD

Participants

Speaker: Noubar Afeyan - Founder and CEO, Flagship Pioneering

Diversity and inclusion: Cultivating the next generation of biotech execs

1:00pm - 1:45pm
LeadingBiotech Boston CEO&BD

What can we do as an industry to cultivate the next generation of leaders and innovators and encourage diversity (beyond just gender diversity) while doing so?

Participants

Moderator: Robert Perez - Founder and Chairperson, Life Science Cares

Panelist: Barbara Fox - CEO, Rheos Medicines

Panelist: Daniel Lynch - Chairperson of the Board, Surface Oncology

Panelist: Adelene Perkins - CEO, Infinity Pharmaceuticals

Panelist: Jennifer Petter - Founder and CSO, Arrakis Therapeutics

Fireside chat: The mentor/mentee relationship

1:45pm - 2:15pm
LeadingBiotech Boston CEO&BD

How does an entrepreneur find a mentor? What does such a relationship look like and how to ensure each party gets the most out of it?

Participants

Moderator: Wendy Nelson - CEO, Leading Biotech

Speaker: Michael Bonney - Executive Chair, Kaleido Biosciences

Speaker: Carrie Bourdow - CEO, Trevena

SESSIONS

BIOPHARM AMERICA DIGITAL - DAY TWO - 22/09/2020

BioPharm America

September 21–24, 2020
Proudly part of Biotech Week Boston
Delivered Digitally | US Eastern Daylight Time

To go IPO or remain private?

2:15pm - 2:45pm

LeadingBiotech Boston CEO&BD

Participants

Moderator: Marian Nakada - VP, Venture Investments, Johnson & Johnson Innovation

Panelist: Ankit Mahadevia - Founder and CEO, Spero Therapeutics

Panelist: Brian McVeigh - CBO, Zafgen

Panelist: Donald Nicholson - Former CEO, Nimbus Therapeutics

Building your biotech from the ground up

2:45pm - 3:15pm

LeadingBiotech Boston CEO&BD

What does it take to get your company up and running? What pitfalls do you want to avoid? Lessons learned from those that have done it!

Participants

Moderation: Carolyn Morgan - CEO, Precision Effect

Panelist: PJ Anand - Founder and CEO, Alcyone Lifesciences

Panelist: Jodie Morrison - CEO, Cadent Therapeutics

Panelist: Bernat Olle - CEO, Vedanta Biosciences

New players in the healthcare space

3:15pm - 3:45pm

LeadingBiotech Boston CEO&BD

Participants

Moderator: Arthur Hiller - Independent Consultant and CBO, Nuritas

Panelist: Imran Eba - Partner, Action Potential Venture Capital

Panelist: Mike Pellini - Managing Partner, Section 32

The Convergence of AI and Medicine

3:45pm - 4:15pm

LeadingBiotech Boston CEO&BD

Participants

Moderator: Jennifer Lum - Managing Partner, Biospring Partners

Vik Bajaj - Managing Director, Foresite Capital Management

Anne Heatherington - Sr. VP and Head of Data Sciences Institute (DSI) with Research and Development, Takeda Pharmaceuticals

Iya Khalil - Global Head of the AI Innovation Center, Novartis

Closing Remarks & Virtual Cocktail Party

4:15pm - 5:00pm

LeadingBiotech Boston CEO&BD

SCHEDULE

BIOPHARM AMERICA DIGITAL - DAY TWO - 22/09/2020

BioPharm America

September 21–24, 2020

Proudly part of Biotech Week Boston
Delivered Digitally | US Eastern Daylight Time

TIME	DRUG DELIVERY PARTNERSHIPS 1	LEADINGBIOTECH BOSTON CEO&BD
9:00AM		<p>9:00am - Registration & Networking Lounge Open</p> <p>9:15am - Opening remarks</p> <p>9:20am - The role of patient advocacy groups and disease foundations in our ecosystem</p>
10:00AM	<p>10:40am - CSTD Regulatory Considerations (available On Demand)</p>	<p>10:05am - Top considerations when engaging a potential strategic partnership</p> <p>10:35am - Fireside chat: Maximizing value in an M&A</p>
11:00AM	<p>11:00am - Regulatory and scientific justifications for CMC Changes - Case studies of modified release products (available On Demand)</p> <p>11:20am - EU/MDR/IVDR combination product and companion product considerations</p>	<p>11:00am - Ginkgo Bioworks</p> <p>11:15am - Fireside chat: Pricing</p>
12:00PM		<p>12:00pm - Lunch Break & Networking Lounge</p> <p>12:30pm - Keynote Address: Innovating Beyond Reason</p>
1:00PM		<p>1:00pm - Diversity and inclusion: Cultivating the next generation of biotech execs</p> <p>1:45pm - Fireside chat: The mentor/mentee relationship</p>
2:00PM		<p>2:15pm - To go IPO or remain private?</p> <p>2:45pm - Building your biotech from the ground up</p>
3:00PM		<p>3:15pm - New players in the healthcare space</p> <p>3:45pm - The Convergence of AI and Medicine</p>
4:00PM		<p>4:15pm - Closing Remarks & Virtual Cocktail Party</p>

Welcome Address

10:25am - 10:30am
Drug Delivery Partnerships 1

Participants

Conference Chair: Srinu Sridharan - Group Director, Materials Science & Engineering, Bristol-Myers Squibb

What are the big questions AI can help answer and what's holding us back? (available On Demand)

10:30am - 10:50am
AI Applications for Drug Discovery Development

- Provide examples of opportunities for AI in pharma/ biotech
- Share the challenges that Pfizer and industry are facing in adopting AI
- Discuss strategies for moving forward and transforming R&D

Participants

Speaker: Peter Henstock - Machine Learning and AI Technical Lead, Pfizer; and Lecturer, Harvard University

Patient-Focused Drug Delivery - The View from biohaven pharmaceuticals (available On Demand)

10:30am - 10:50am
Drug Delivery Partnerships 1

Participants

Vlad Coric, MD - CEO and Director, Biohaven Pharmaceuticals

Business models for AI in Drug Discovery (available On Demand)

10:50am - 11:10am
AI Applications for Drug Discovery Development

- Focus on discovery for many to build IP and attract investment – is this where the economic payoff is?
- What is the best model to use? Develop a platform, or develop a pipeline?
- Financing and Investor Models
- How do traditional pharma position themselves vs. the new emerging companies getting into the healthcare space?
- Where do small companies vs. larger companies focus energies?
- What partnerships are the most valuable?

Participants

Speaker: Ed Addison - CEO, Cloud Pharmaceuticals

Innovations in drug delivery that are shaping the future of drug product science and manufacturing (available On Demand)

11:10am - 11:40am
Drug Delivery Partnerships 1

A well-considered drug delivery system can maximize the effectiveness of innovative small molecule and biologic therapies. But how do you choose the best system for your drug? Do you choose a cost-effective, off-the-shelf platform or invest in developing a custom drug delivery device? There are pros and cons for each option—and there is also a third path to consider. Adapting an existing platform device with a few custom attributes tailored to your molecule can offer the best of both worlds.

Participants

Speaker: Doug Boyd - Manager, Medical Devices, Battelle

Building a data foundation for AI and ML applications (available On Demand)

1:00pm - 1:20pm
AI Applications for Drug Discovery Development

- How a strategy/foundation can be built to enable AI
- What can be built to determine models needed
- What data can drive

Participants

Speaker: Patrick Combes - WW Technical Leader - Healthcare & Life Sciences, Amazon Web Services

Case study: Alleviating challenges of oral peptide delivery (available On Demand)

1:00pm - 1:20pm
Drug Delivery Partnerships 1

This talk will cover some unique strategies to alleviate challenges of oral peptide delivery. Pre-clinical data from a recent case study will be shared.

Participants

Speaker: Aktham Aburub - Research Fellow, Product Design & Development, Eli Lilly

Ionic liquids for drug delivery (available On Demand)

1:00pm - 1:20pm
Drug Delivery Partnerships 2

Small molecule API structures are often relatively large in size with structural flexibility, weakly ionizing functional groups of multiple types and highly delocalized. These properties impart ideal conditions for room-temperature ionic liquid formation with suitable counter ions. API ionic liquids are increasingly becoming hot topics of drug delivery research, with a particular advantage for dermal delivery. Several examples of drug delivery enhancement in pre-clinical molecules will be discussed.

Participants

Speaker: Simone Alidori - Investigator, Drug Delivery, GlaxoSmithKline

Responsible AI and machine learning for drug discovery and development (available On Demand)

1:20pm - 1:55pm
AI Applications for Drug Discovery Development

- What credibility and assessments for an AI system
- Data exploration as it feeds into AI and Machine Learning systems
- Oversight of the data, algorithms and overall systems

Participants

Moderator: Arvind Rao - Associate Professor, Department of Computational Medicine & Bioinformatics, Associate Professor, Radiation Oncology, University of Michigan Medical School

Panelist: Nirmal Keshava - VP, Data Analytics and Innovation Science, Cerevel Therapeutics

Panelist: Ashwini Ghogare - Manager, AI-Enabled Drug Discovery, Global Strategy Group, MilliporeSigma

Panelist: Abe Heifets - CEO and Co-Founder, Atomwise

Case Study: Creating a connected platform for pre-filled syringes while minimizing cost (available On Demand)

1:20pm - 1:40pm
Drug Delivery Partnerships 1

A case-study on the development of a connected, smart PFS platform will be reviewed to show the challenges and solutions to balance the benefits of digitalization with other important drivers as user experience, device cost and environmental sustainability.

Objectives:

- In Depth analysis of a smart PFS platform, weighting the benefits of reliable data against the challenges related to renovate a well consolidated drug delivery system.
- Review a “case-study” for the development of an add-on connectivity module adaptable to existing PFSs, analysing in depth the challenges and the associated technological solutions proposed by Flex’s Health Solution Design Centre.
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Audience takeaways:

- Create awareness about benefits vs challenges related to the introduction of electronics on a well-established Primary Packaging Material platform (PFS)
- Insights of the technologies explored and prototyped in a real-world case study
- Highlights on the full development process for a “smart modules” as add-on for existing medical devices.

Participants

Speaker: Yossef Schvets - Director, Industrial Design and User Experience, Flex

Brain delivery of biologics – VIA cerebrospinal fluid (available On Demand)

1:20pm - 1:40pm
Drug Delivery Partnerships 2

Brain delivery of biologics such as antibodies and nucleic acid therapeutics via the intravenous (IV) route results in limited partitioning to the brain due to the blood-brain barrier (BBB). The cerebrospinal fluid (CSF) may provide a better access point to brain by bypassing the BBB. The talk outlines literature –reported as well as more recent findings on impact of CSF access location and delivery flow rates on distribution of biologics to different brain regions.

Participants

Speaker: Shraddha Sadekar - Scientist, PKPD, Genentech

Advancing towards clinical use of innovative dual chamber technology to deliver cutting-edge therapies treating immune-mediated disorders (available On Demand)

1:40pm - 2:00pm
Drug Delivery Partnerships 1

Kezar and Credence will provide an overview of Kezar’s KZR-616 and its targeted therapies, as well as why the Credence Dual Chamber Reconstitution Syringe is a good fit for KZR-616 and its Self-Injecting Patients.

Participants

Speaker: Evan Lewis - SR Director, Pharmaceutical Development, Kezar Life Sciences

Speaker: John Merhige - CCO, Credence MedSystems

Live Speaker Q&A

1:55pm - 2:40pm
AI Applications for Drug Discovery Development

Join this live session to connect with program participants and other attendees

Participants

Host: Arvind Rao - Associate Professor, Department of Computational Medicine & Bioinformatics, Associate Professor, Radiation Oncology, University of Michigan Medical School

Connectivity in drug delivery – strategies from the leaders of the pack (available On Demand)

2:00pm - 2:30pm
Drug Delivery Partnerships 1

Participants

Moderator: Yasemin Karanis - Consultant, Thought Leadership, IQVIA

Panelist: David Braun - Global Head, Connected Health and Medical Device Business Solutions, Merck KGaA

Panelist: Christopher Kovalchick - Director, Mechanical Engineering, Eli Lilly and Company

Panelist: Terry Reed - Director, Business Development, AstraZeneca

Learning and challenges: Release testing and simulations for long acting parenteral products (available On Demand)

2:00pm - 2:20pm
Drug Delivery Partnerships 2

Participants

Speaker: Manuel Sanchez-Felix - Senior Fellow, Novel Delivery Technologies, Novartis Institutes for BioMedical Research (NIBR)

Live Speaker Q&A

2:30pm - 3:15pm
Drug Delivery Partnerships 1

Join program participants and other attendees for this moderated Q&A session

Participants

Host: Sridharan - Group Director, Materials Science & Engineering, Bristol-Myers Squibb

SCHEDULE

BIOPHARM AMERICA DIGITAL - DAY THREE - 23/09/2020

BioPharm America

September 21–24, 2020

Proudly part of Biotech Week Boston
Delivered Digitally | US Eastern Daylight Time

TIME	AI APPLICATIONS FOR DRUG DISCOVERY DEVELOPMENT	DRUG DELIVERY PARTNERSHIPS 1	DRUG DELIVERY PARTNERSHIPS 2
10:00AM	<p>10:30am - What are the big questions AI can help answer and what's holding us back? (available On Demand)</p> <p>10:50am - Business models for AI in Drug Discovery (available On Demand)</p>	<p>10:25am - Welcome Address</p> <p>10:30am - Patient-Focused Drug Delivery - The View from biohaven pharmaceuticals (available On Demand)</p>	
11:00AM		<p>11:10am - Innovations in drug delivery that are shaping the future of drug product science and manufacturing (available On Demand)</p>	
12:00PM			
1:00PM	<p>1:00pm - Building a data foundation for AI and ML applications (available On Demand)</p> <p>1:20pm - Responsible AI and machine learning for drug discovery and development (available On Demand)</p> <p>1:55pm - Live Speaker Q&A</p>	<p>1:00pm - Case study: Alleviating challenges of oral peptide delivery (available On Demand)</p> <p>1:20pm - Case Study: Creating a connected platform for pre-filled syringes while minimizing cost (available On Demand)</p> <p>1:40pm - Advancing towards clinical use of innovative dual chamber technology to deliver cutting-edge therapies treating immune-mediated disorders (available On Demand)</p>	<p>1:00pm - Ionic liquids for drug delivery (available On Demand)</p> <p>1:20pm - Brain delivery of biologics – VIA cerebrospinal fluid (available On Demand)</p>
2:00PM		<p>2:00pm - Connectivity in drug delivery – strategies from the leaders of the pack (available On Demand)</p> <p>2:30pm - Live Speaker Q&A</p>	<p>2:00pm - Learning and challenges: Release testing and simulations for long acting parenteral products (available On Demand)</p>

SESSIONS

BIOPHARM AMERICA DIGITAL - DAY FOUR - 24/09/2020

BioPharm America

September 21–24, 2020

Proudly part of Biotech Week Boston
Delivered Digitally | US Eastern Daylight Time

AI and genomic approaches to diagnostics in the rare-disease space (Available On Demand)

10:30am - 10:50am

AI Applications for Drug Discovery Development

Participants

Speaker: Sebastien Lefebvre - Senior Director - Data Sciences, Genomics and Bioinformatics, Alexion

Welcome Address

10:45am - 10:50am

Drug Delivery Partnerships 1

Participants

Speaker: Joshua Horvath - Director, Early Stage Devices and Human Factors Engineering, Genentech

AI in hospitals for operational excellence, clinical decision support and predicting treatment outcomes (available On Demand)

10:50am - 11:10am

AI Applications for Drug Discovery Development

- Predictive analytics/RPA - what functions can they help?
- How can AI and technology investment improve treatment and hospital operations?
- What technology is worth investing in?
- Clinical decision support – treatment decision making, triage, and likelihood of disease prediction
- AI for revenue cycle management or staff planning

Participants

Speaker: Simon Lin - Chief Research Information Officer, Nationwide Children's Hospital

De-risking partnerships – Best practices to working with start-ups, pharma, and novel technologies (available On Demand)

10:50am - 11:20am

Drug Delivery Partnerships 1

Participants

Moderator: Patrick Anquetil - CEO, Portal Instruments, Inc.

Panelist: Mindy Katz - Director of Product, Sorrel

Panelist: John Merhige - CCO, Credence MedSystems

Panelist: Stefan Koenig - Global Program & Brand Lead, Takeda

Privacy: Data and consent in the drug development lifecycle – Regulatory compliance and ethics frameworks in the application of AI and ML (available On Demand)

11:30am - 12:00pm

AI Applications for Drug Discovery Development

- HIPAA Compliance – what will this involve/mean moving forward?
- Patient consent as linked to data privacy
- Data sharing
- Include representatives from: Integrated healthcare delivery systems, insurance, privacy, and pharma

Participants

Moderator: Kathleen Snyder - Technology Transactions Group, Wilson Sonsini Goodrich & Rosati, USA

Panelist: Kevin Hua - Senior Manager, AI/Data Mining Development, Bayer

Panelist: Faisal Khan - Executive Director, Advanced Analytics and Artificial Intelligence, AstraZeneca

Pandemic prevention through gene therapy delivery (available On Demand)

11:35am - 11:55am

Drug Delivery Partnerships 1

The Defense Advanced Research Projects Agency (DARPA) has issued a bold goal of developing a functionally integrated platform to deliver 20,000 doses of a pandemic prevention treatment in less than 60 days from the identification of the threat. To address this challenge, AstraZeneca has developed multiple In Vivo Expressed Biologic modalities providing robust protection for weeks to months in various animal models. This presentation will focus on the development and delivery of an mRNA construct coding for an anti-influenza monoclonal antibody and present early pre-clinical evidence of its efficacy.

Participants

Speaker: Shawn Davis - Senior Director, Head of Drug Delivery, AstraZeneca

Live Speaker Q&A

12:00pm - 12:30pm

AI Applications for Drug Discovery Development

Join program participants and other attendees for a moderated Q&A session.

Participants

Host: John Reynders - Chief Data Scientist, Reynders Consulting

Technological advances to address oral delivery of challenging molecules (available On Demand)

12:55pm - 1:15pm

Drug Delivery Partnerships 1

Since the advent of controlled release technologies, several advancements have been made to maximize the therapeutic effect of drug molecules. Despite these developments, there are still several gaps especially for compounds that show site specific absorption or require drug to release at certain time of the day to improve the therapeutic outcome.

Recent advancements utilizing more robust drug delivery systems based on gastro-retentive delivery system and chronological delivery of drugs have been made to address the needs of such challenging molecules.

This presentation will cover the differentiating features of these next generation technologies and therapeutic utility for a wide range of molecules and disease conditions. We will present case studies of example drugs in clinical development using these technologies and describe how they can potentially improve the drug's efficacy and tolerability.

Participants

Speaker: Pavan Handa - SVP, Business Development and Strategy, Kashiv BioSciences

Linking the device to the patient (available On Demand)

1:00pm - 1:20pm

Drug Delivery Partnerships 2

Participants

Speaker: Uri Baruch - Head of Drug Delivery, Cambridge Design Partnership

Connectivity and Devices (available on demand)

1:15pm - 1:35pm

Drug Delivery Partnerships 1

Participants

Speaker: Amir Tahric - VP, Business Development, Sensile Medical

Speaker: David Christen - Head Software Development and Application Software Engineering, Sensile Medical

SESSIONS

BIOPHARM AMERICA DIGITAL - DAY FOUR - 24/09/2020

BioPharm America

September 21–24, 2020

Proudly part of Biotech Week Boston
Delivered Digitally | US Eastern Daylight Time

Live speaker Q&A

2:00pm - 2:45pm

Drug Delivery Partnerships 1

Join program participants of the Drug Development Partnerships Track and other attendees for this moderated Q&A.

Participants

Host: Joshua Horvath - Director, Early Stage Devices and Human Factors Engineering, Genentech

SCHEDULE

BIOPHARM AMERICA DIGITAL - DAY FOUR - 24/09/2020

BioPharm America

September 21–24, 2020

Proudly part of Biotech Week Boston
Delivered Digitally | US Eastern Daylight Time

TIME	AI APPLICATIONS FOR DRUG DISCOVERY DEVELOPMENT	DRUG DELIVERY PARTNERSHIPS 1	DRUG DELIVERY PARTNERSHIPS 2
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11:00AM	<p>11:30am - Privacy: Data and consent in the drug development lifecycle – Regulatory compliance and ethics frameworks in the application of AI and ML (available On Demand)</p>	<p>11:35am - Pandemic prevention through gene therapy delivery (available On Demand)</p>	
12:00PM	<p>12:00pm - Live Speaker Q&A</p>	<p>12:55pm - Technological advances to address oral delivery of challenging molecules (available On Demand)</p>	
1:00PM		<p>1:15pm - Connectivity and Devices (available on demand)</p>	<p>1:00pm - Linking the device to the patient (available On Demand)</p>
2:00PM		<p>2:00pm - Live speaker Q&A</p>	