

3 Events in 1!

DISCOVERY & DEVELOPMENT US 2025

02 - 03 October 2025 | San Diego, CA

Uniting North American biopharma decision-makers to innovate at speed, equipping them with the critical intelligence & partners they require to make informed pipeline decisions in early-stage R&D

Past Speakers Included



GRAHAM DEMPSEY,
Quiver



FIONA MACK,
Bayer



JOE FRANKLIN,
Anagenex



ERIC MUNSON,
Purdue University



JAMIE TSUNG,
Alnylam



AMITA DATTA-MANNAN,
Eli Lilly



JULIE ZHU,
GSK



OLIVER KITTEN,
Affilogic



MATT CHU,
Astellas



Complimentary Guest
Passes Are Available

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WELCOME TO

Discovery & Development US 2025

Developing new drugs has always been complex, costly, and slow, and this challenge is only exacerbated as the industry moves towards more innovative drug formats. R&D leaders must balance the need to discover novel modalities with the need to develop new methods and strategies that will make the process as fast and efficient as possible.

This is at the core of **Discovery & Development US 2025**. Our goal is to provide you with a clear roadmap from target identification to clinical candidate, no matter the drug modality or disease area on which you are focusing. We do this by providing relevant scientific, technological and business insights that enable you to develop innovative therapeutics at speed, whilst critically maintaining safety & efficacy.

Discovery & Development brings together three conferences together under one roof: our Drug Discovery Summit, Formulation & Delivery Congress and Biologics Congress - uniting experts in both small molecule and biologic drug development to deliver first-in-class drugs at pace.

Benefits to Attending

- ✓ **Best Practice Case Studies:** Discovery & Development US brings together world-class speakers who are scientific experts from every stage of the R&D pipeline. No matter the disease area or drug modality you're focussing on, you can be confident that you'll leave with real-world technical insights
- ✓ **Meaningful Networking & Partnership Building:** With our audience of biopharma leaders, it's the perfect place to find your next strategic partner. Whether you're looking for a research collaborator, CRO, CDMO or technology provider, take advantage of over 9 hours of dedicated networking time to make the business connections you need for success
- ✓ **Intimate Knowledge-Sharing:** Alongside case study presentations, the agenda features a host of roundtables, panels and workshops - enabling you to deep dive into specific pain points, form meaningful connections and come away with actionable next steps
- ✓ **More Stakeholders than ever before:** The 2025 event will be the biggest yet, bringing together over 1000 experts from across the industry. Alongside our established community of biopharma and academic leaders, expect to connect with regulators, start-ups, investors and government organisations
- ✓ **Start-Up Zone:** Reflecting our mission to accelerate and elevate innovation within the industry, this year's event will include a Start-Up Zone - featuring emerging companies developing game-changing technologies and innovative drug candidates



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Network and Knowledge-Share

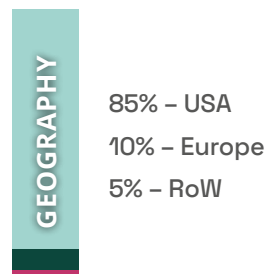
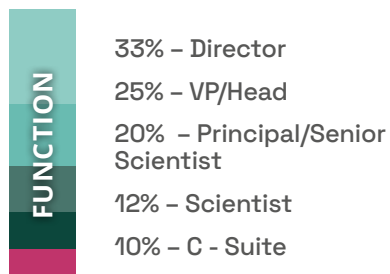
Connect with 1000+ VPs, Directors & KOLs from the most influential pharma, biotech and research organisations. We bring together the whole R&D ecosystem, including experts in:

- Target Discovery
- Target Validation
- Molecular Biology
- Hit Finding
- Medicinal Chemistry
- Library Design
- Pharmacology In Vitro/ In Vivo
- Biomarker Development
- Antibody Engineering
- Automation & Robotics
- AI Drug Discovery
- Discovery Technologies
- Formulation Science
- Preformulation Studies
- Drug Delivery
- Bioanalysis
- Device Development
- Process Chemistry
- Process Engineering
- RNA Delivery
- Protein Engineering
- Next-Generation Biologics
- Nanomedicine
- Analytical Chemistry

With new tools & platforms always under development, formal & informal networking opportunities provide a productive environment to form business partnerships. Solutions on show include:

- Contract Development
- Characterization Tools
- Effective Excipients
- Raw Materials
- Analytical Services
- Solubility & Stability Testing
- Dosage Forms
- Delivery Devices
- Formulation Development
- Display Technologies
- Controlled Release
- GMP Manufacturing
- Screening Technologies
- Library Optimisation
- Assay Development
- Novel Models
- Imaging Tools
- CRISPR
- Engineering Platforms
- Antibody Generation
- AI/ML Platforms
- Data Analytics
- Discovery Technologies
- Cell Generation

Attendee Profile



Attended by these companies & many more:



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Explore Curated & Insightful Content

The 2025 programme will explore the newest methods, tools and strategies that will support scientists developing innovative therapeutics at speed. **Expect 200+ speakers, panelists and moderators**, who will highlight best practice in every stage of the early R&D pipeline, shine a light on novel targets making a splash and deep dive into disease areas with significant unmet need.

DRUG DISCOVERY SUMMIT

DISCOVERY & DEVELOPMENT STRATEGIES

DAY 1

Target Identification & Validation

- Technological advancements, including AI, for the discovery of novel new targets
- Identification & validation of novel small molecules

Medicinal & Computational Chemistry

- New approaches in Computer-aided drug design
- Progressing 'intractable targets' from a medicinal chemistry & DMPK perspective

Translating Targets Into Therapies

- Validating novel biomarkers to improve success in early drug development
- Streamlining translation of basic scientific findings into human applications

DAY 2

Hit Identification & Screening

- Advances in molecular target-based and phenotypic screening
- Affinity/binding assays for hit ID

DMPK, Pharmacology & Safety

- Predicting & Measuring PK/PD, including computational models
- Novel models for ADME-Tox Research & Disease Modelling

Targeting Neuroscience

- Overcoming the blood-brain barrier in CNS diseases
- Validating novel targets: ASOs, gene therapies, RNA-based treatments

BIOLOGICS SUMMIT

DAY 1

Antibody Discovery & Engineering

- Novel engineering strategies to enhance antibody functions
- Advanced technologies for new antibody discovery

Next-Gen Biologic Targets

- Next generation multi-specifics
- Identifying & validating new, difficult targets

Engineering Conjugates

- Strategies to optimise the design of ADCs
- Validating novel ADC targets, including next generation conjugates

DAY 2

Tools & Technologies For Antibody Discovery & Selection

- Addressing difficult targets with display technologies
- Generating antibody libraries: NGS, cloning B cells, synthetic libraries

Computational Tools & AI/ML-Guided Engineering

- Computational and analytical tools for protein engineering
- AI/ML & deep learning tools in antibody engineering

Translating ADCs to the Clinic

- Maximising the efficacy of ADCs
- Developing appropriate preclinical models

FORMULATION & DELIVERY SUMMIT

FORMULATION**DELIVERY****ANALYSIS****NEW MODALITIES**

DAY 1

Small Molecule Formulation

- Overcoming challenges in small molecule drug formulation
- Formulation of novel drug modalities: PROTACs, Molecular Glues

Large Molecule Delivery

- Moving beyond injectable delivery of biologics
- Overcoming oral delivery challenges

Preformulation Studies

- Technologies for preformulation studies in pharmaceutical product development
- Bioanalytical methods improving drug product development

RNA Design & Delivery

- Overcoming challenges in RNA delivery
- Advanced techniques for delivery beyond the liver

DAY 2

Large Molecule Formulation

- Innovative formulation strategies for ADCs, cell & gene therapies and more
- Overcoming challenges in large molecule drug formulation

Small Molecule Drug Delivery

- Novel routes of administration for small molecules
- Patient-friendly delivery and dosage forms

Process Chemistry & Pharmaceutical Materials Analysis

- Choosing the correct excipient for your drug
- Utilizing cutting-edge technologies for analysis & quality control

Peptide & Oligo Design & Delivery

- Drug delivery through the BBB
- Innovative technologies, like needle-free injections, AI & microneedles

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Past Speakers Include

GRAHAM DEMPSEY

Founder & CSO, Quiver Bioscience

FIONA MACK

VP & Head of Co. Lab Cambridge, Bayer

HONG CHENG

VP & Head of Research Strategy, Sanofi

JOE FRANKLIN

SVP & Head of Early Drug Discovery, Anagenex

SHELLEY ALLEN

VP & Head of Drug Discovery, Nimble Therapeutics

MARTIN REDHEAD

AVP, Exscientia

PAUL SCOLA

Senior Director – Chemistry, Bristol Myers Squibb

JULIA FOX

Director – Data & Analytics, Takeda

GIOVANNI PIEDIMONTE

Vice President for Research & Professor of Pediatrics, Biochemistry & Molecular Biology, Tulane University

GUIDO CEBERS

Global Head of Drug Safety & Evaluation, Takeda

JOSEPH WU

Director & Professor, Stanford Cardiovascular Institute & Co-Founder, Greenstone Biosciences

AMITA DATTA-MANNAN

AVP & Clinical Team leader, Eli Lilly

OLIVIER KITTEN

Founder & CEO, Affilogic

NATALIE GRINSSTEIN

Director – ADC Discovery, Pfizer

ANDREW VENDEL

Senior Director, Immunology, Eli Lilly

NAZNEEN DEWJI

CEO, Cenna Biosciences

DENISE STECKEL

Head of Clinical Collaborations Development, Genentech

CAITLIN MATERSON

Director, Technical Development, Gilead Sciences

MICHAEL COCHRAN

Director Chemistry, Avidity Biosciences

JONATHAN SOLOMON

Director, Novartis

MIKE SCHOPPERLE

CEO, CureMeta

ERIC MUNSON

Professor and Head, Purdue University

JACQUES VAN DAM

VP, Medical Affairs, Rani Therapeutics

JAMIE TSUNG

Director, Head of DP Formulation, Alnylam Pharmaceuticals

DAVID LOYND

Chief Executive Officer, EnduRx Pharmaceuticals

JULIE ZHU

Scientific Director, GSK

JUSTIN COHEN

Director, Pfizer

LYNN KIRKPATRICK

Chief Executive Officer, Ensysce Pharmaceuticals

RACHEL GROPPA

Director, Lead saRNA Team, Johnson & Johnson Innovative Medicines

ESMAIEL JABBARI

Professor, University of South Carolina

THOMAS BRADSHAW

Chief Executive Officer, Neuronasal



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