



**BIO** International  
Convention

*The Global Event for Biotechnology*

**JUNE 3-6, 2019 • PHILADELPHIA, PA • #BIO2019**

# IT STARTS WITH ONE

**2019 BIO INTERNATIONAL CONVENTION EVENT SUMMARY**

# BIO 2019 by the Numbers

**17,307**

ATTENDEES

**8,400+**

COMPANIES

**65**

COUNTRIES

**49**

STATES, DC, AND PUERTO RICO

**25%**

FIRST TIME ATTENDEES

**100+**

INTERNATIONAL AND US  
PUBLIC OFFICIALS

**153**

STUDENT DAY PARTICIPANTS

**ONE**  
PARTNERING™

Powered by BIO

**48,500+**

PARTNERING MEETINGS BETWEEN

**7,796**

DELEGATES

FROM

**4,102**

COMPANIES

**150+**  
SESSIONS

**250+**

COMPANY  
PRESENTATIONS

**50**

START-UP STADIUM  
PRESENTERS

**18**

EDUCATION  
TRACKS

**16**

SUPER SESSIONS  
AND FIRESIDE CHATS

**800+**  
SPEAKERS

*including Company Presentations  
+ Start-Up Stadium participants*

**1,800+**  
EXHIBITORS

**46**

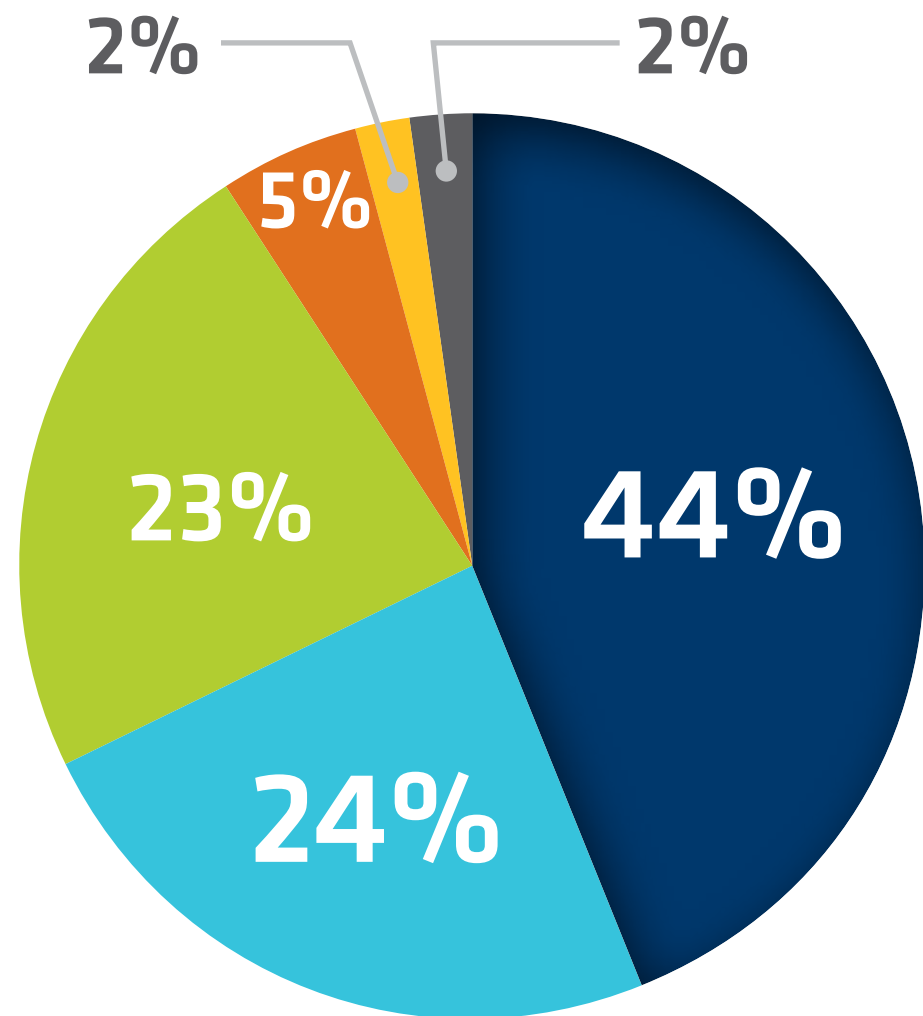
DOMESTIC  
+ INTERNATIONAL  
PAVILIONS

**75**

ORGANIZATIONS  
IN THE BIO PATIENT  
ADVOCACY PAVILION

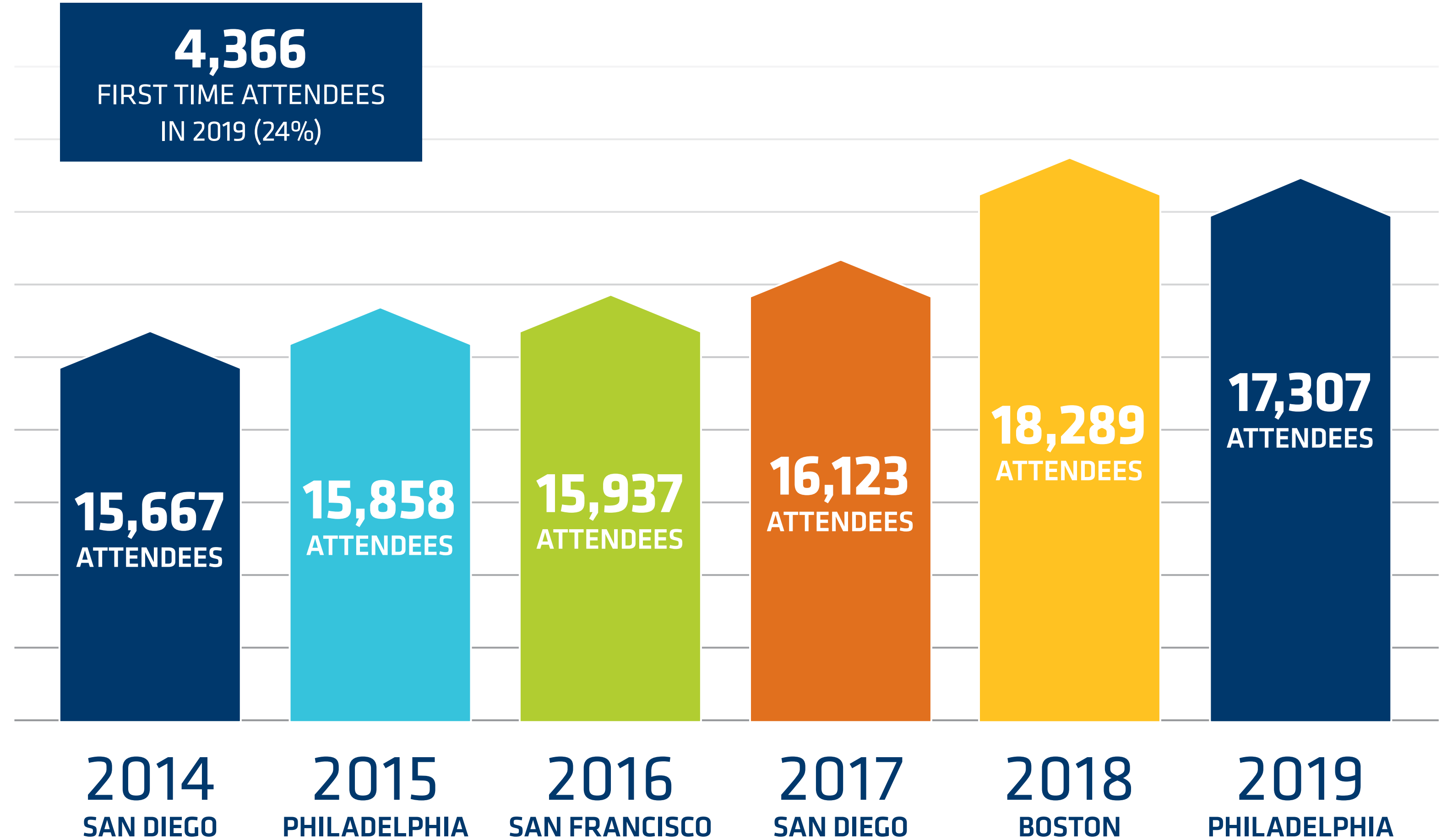
# Attendance History

BREAKDOWN BY TITLE



- 24% CEO/C-Level
- 23% VP/Partner/Managing Director
- 44% Director/Mid-Level Manager
- 5% Coordinator
- 2% Educator/University Faculty/Students
- 2% Public Official/Foreign Minister

**4,366**  
FIRST TIME ATTENDEES  
IN 2019 (24%)



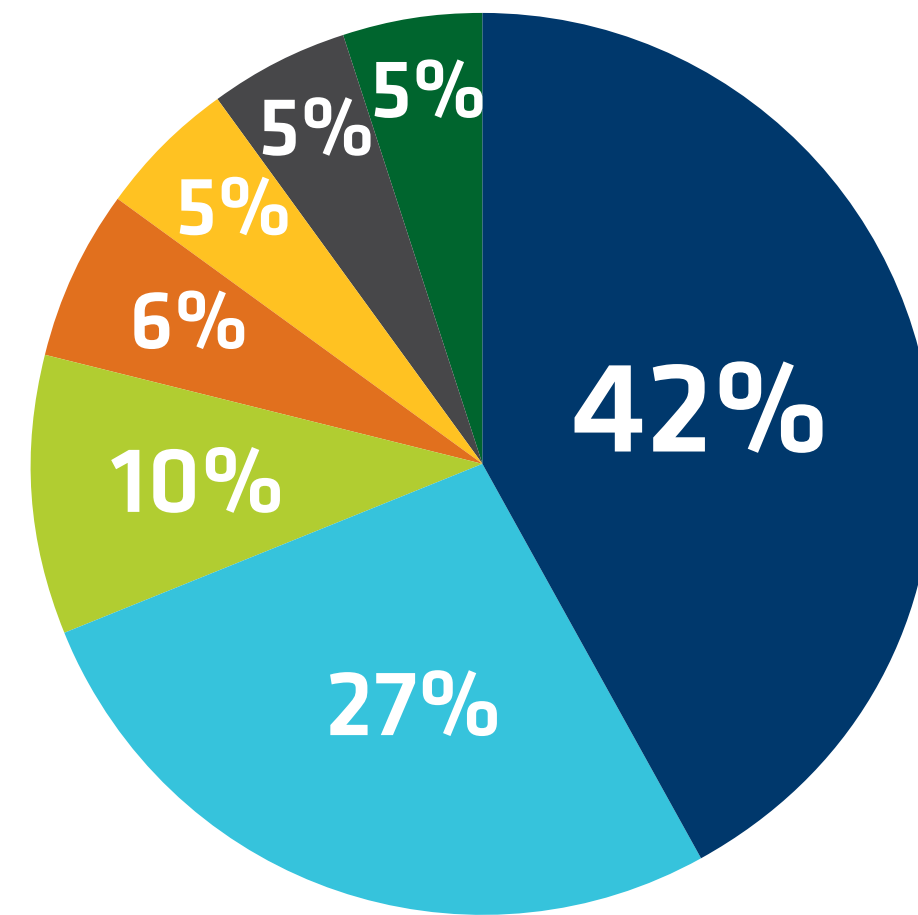
# Attendee Stats

## Top 10

### COMPANY TYPES REPRESENTED

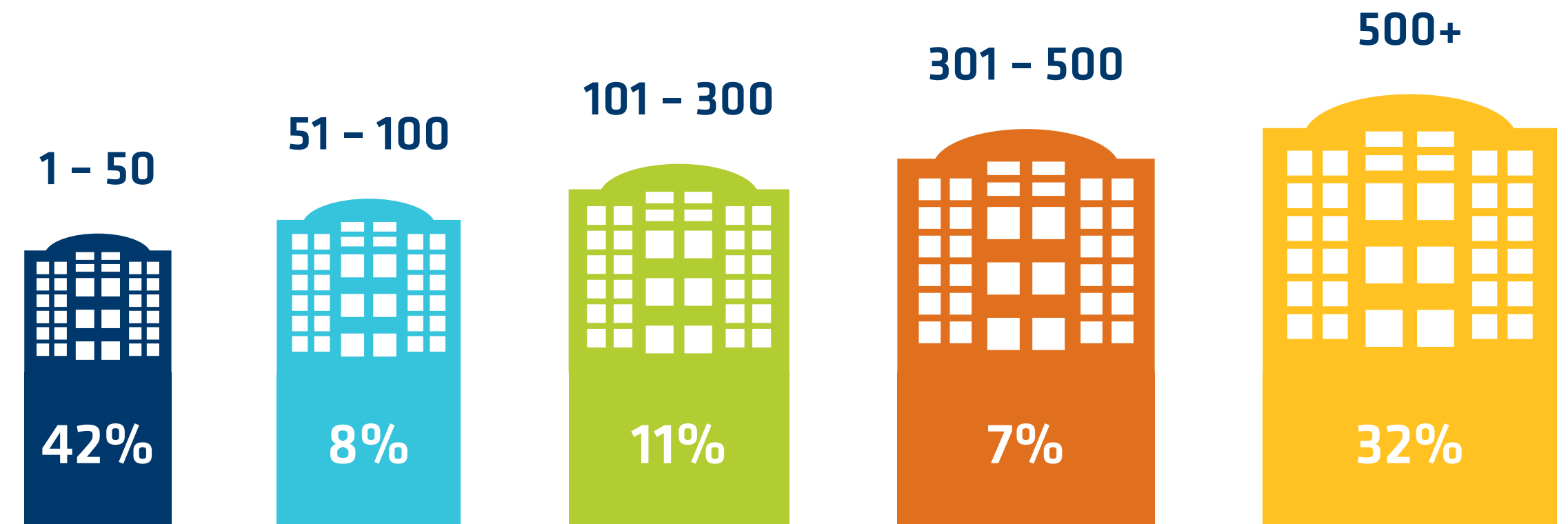
1. Clinical
2. Market - Drug (on patent)
3. Preclinical
4. Consulting
5. Legal
6. University (Faculty)
7. Research Institute
8. Research Technology
9. CRO & Analytical Labs
10. Tech Transfer

### PRIMARY JOB ROLE OF ATTENDEES



- 27% Executive
- 42% Business Development/Sales
- 10% Researcher/ Scientist
- 6% Consulting Services
- 5% Attorney/General Counsel/Associate
- 5% Policy/Government Affairs/Advocacy
- 5% Marketing/PR

### COMPANY SIZE (Based on number of employees)



### PURCHASE INFLUENCE



61%

OF ATTENDEES HAVE INFLUENCE OVER PURCHASES MADE FOR THEIR COMPANY

# International Attendee Stats


**65**  
COUNTRIES

**49**  
STATES

**38%**  
OF ATTENDEES ARE  
INTERNATIONAL



## TOP 10 INTERNATIONAL DELEGATIONS

-  1 Canada
-  2 South Korea
-  3 United Kingdom
-  4 Japan
-  5 Germany
-  6 China
-  7 Taiwan
-  8 France
-  9 Australia
-  10 Brazil

# TOP REASONS to Attend BIO



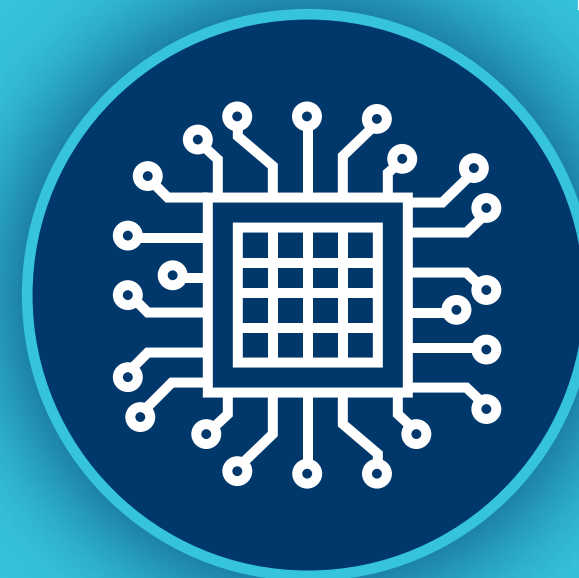
**NETWORK & PARTNER**  
with attendees  
and exhibitors



**EVALUATE**  
products/services for  
purchase or investment



**ATTEND**  
company presentations  
and education sessions



**SEARCH**  
for new/emerging  
technologies

# BIO One-on-One Partnering™

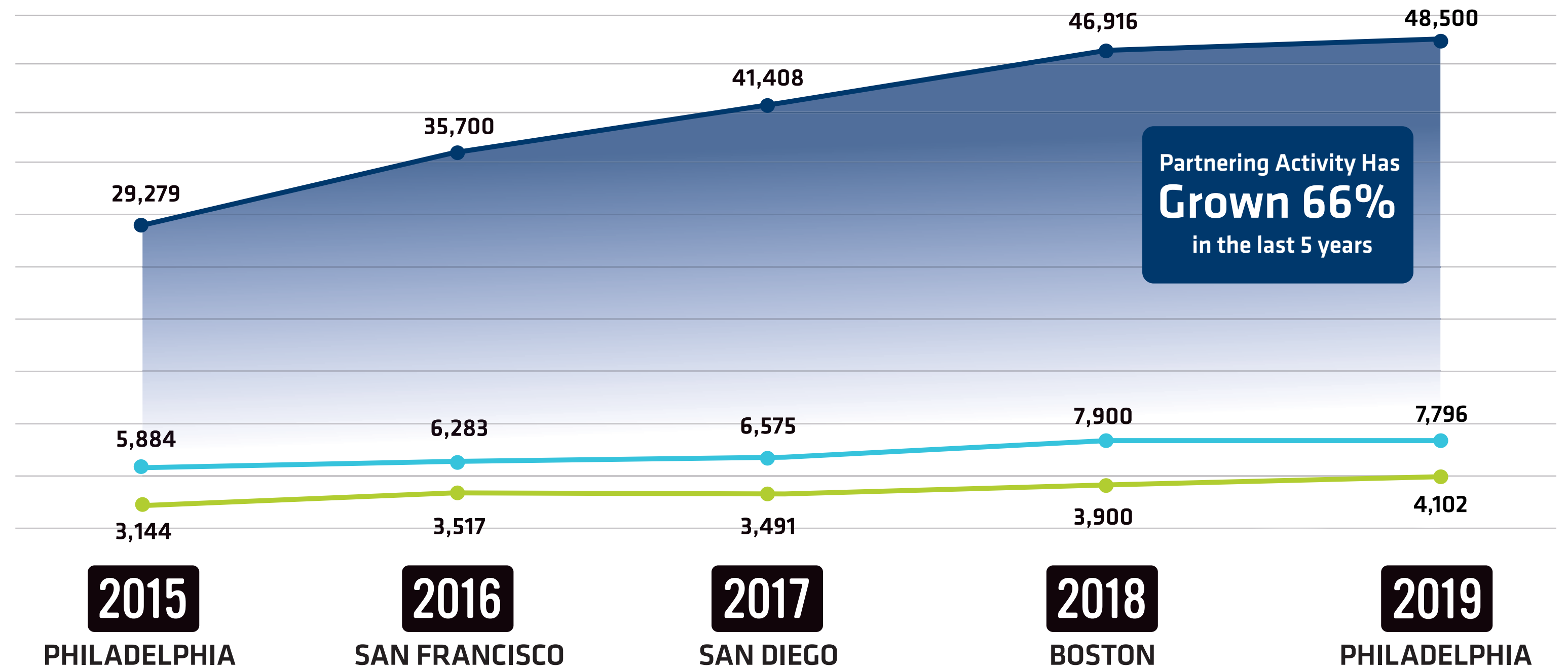
## ONE PARTNERING™

Powered by BIO

- NUMBER OF MEETINGS
- NUMBER OF COMPANIES
- NUMBER OF DELEGATES



## WORLD'S LARGEST BIOTECH PARTNERING EVENT



# ACADEMIC CAMPUS

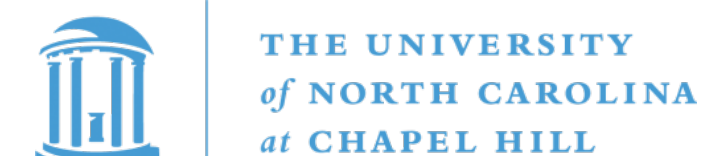
21  
UNIVERSITIES

124  
TOTAL PARTICIPANTS

## FEATURED UNIVERSITIES AND RESEARCH INSTITUTIONS



San Diego Innovation Council





# Education Program - Education Tracks

150+  
SESSIONS

250+  
COMPANY  
PRESENTATIONS

50  
START-UP STADIUM  
PRESENTERS

18  
EDUCATION  
TRACKS

16  
SUPER SESSIONS  
AND FIRESIDE CHATS

800+  
SPEAKERS

*including Company Presentations +  
Start-Up Stadium participants*



BIOFUELS & RENEWABLE  
CHEMICALS TRACK



BRAIN HEALTH TRACK



BUSINESS DEVELOPMENT &  
FINANCE TRACK



DIGITAL HEALTH TRACK



EMERGING OPPORTUNITIES IN  
GLOBAL MARKETS TRACK



GENOME EDITING TRACK



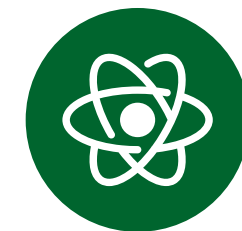
HIGHLY PREVALENT CHRONIC  
DISEASES TRACK - **NEW!**



INFECTIOUS DISEASES &  
VACCINES TRACK



INTELLECTUAL PROPERTY  
TRACK



NEXT GENERATION  
BIOTHERAPEUTICS TRACK



ONCOLOGY TRACK



OPIOIDS: CHANGING THE  
PARADIGM ON TREATING PAIN



ORPHAN & RARE  
DISEASES TRACK



PATIENT ADVOCACY  
TRACK - **NEW!**



PERSONALIZED MEDICINE &  
DIAGNOSTICS TRACK



REGULATORY  
INNOVATION TRACK



TRANSLATIONAL  
RESEARCH TRACK



VALUE, PATIENT ACCESS, &  
COMMERCIALIZATION TRACK



# Education Program – Super Sessions



**What's Next: The Landscape of Innovation in 2019 and Beyond**



**Dealmakers' Intentions: 2019 Market Outlook**



**Digital Health in Practice: A Conversation with Ameet Nathwani, Chief Digital Officer, Chief Medical Officer and Member of the Executive Committee, Sanofi**



**The Art & Science of R&D Innovation and Productivity**



**Falling in Love with Science: Championing Science for Everyone, Everywhere**



**The State of the Vaccine Industry: Stimulating Sustainable Growth**



**Biotech's Contribution to Innovation: Current and Future Drivers of Success**



**Nature Biotechnology and Scientific American WORLDVIEW: Biotech Innovation in a Faster Future**

**Realizing the Promise of Gene Therapies for Patients Around the World**



# Education Program – Fireside Chat Speakers



**Christopher Anselmo**

Market Intelligence Manager at Muscular Dystrophy Association



**Eve Bukowski**

Vice President, Patient Advocacy, Education & Outreach at California Life Sciences Association (CLSA)



**Kenneth C. Frazier**

Chairman of the Board and Chief Executive Officer at Merck & Co, Inc.



**Julie Gerberding, MD, PhD**

Executive Vice President & Chief Patient Officer at Merck & Co, Inc.



**Margaret (Peggy) Hamburg, MD**

Foreign Secretary, National Academy of Medicine at Chairman of the Board, American Association for the Advancement of Science



**Emily Kramer-Golinkoff**

Co-Founder at Emily's Entourage



**Jeremy Levin**

CEO, Chairman at Ovid Therapeutics



**John Maraganore**

Chief Executive Officer at Alnylam Pharmaceuticals



**Peter Marks, MD, PhD**

Director of the Center for Biologics Evaluation and Research (CBER) at U.S. Food and Drug Administration



**Norman Sharpless, MD**

Acting Commissioner, US Food & Drug Administration



**Christi Shaw**

Senior Vice President and President, Lilly BIO-Medicines, Eli Lilly and Company



**Jeffrey Solomon**

Chief Executive Officer at COWEN



**Meg Tirrell**

Biotech and Pharma Reporter at CNBC



**Janet Woodcock, MD**

Director of the Center for Drug Evaluation and Research (CDER) at U.S. Food And Drug Administration (FDA)

# Education Program

## Top 4 Attended Sessions

What's Next: The Landscape of Innovation in 2019 and Beyond

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Gene Therapy 2.0: No Longer Science Fiction

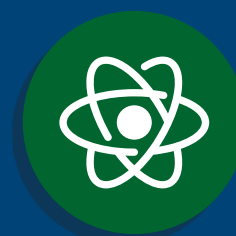
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Fireside Chat with Kenneth C. Frazier, Chairman of the Board and Chief Executive Officer, Merck & Co., Inc.

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Dealmakers' Intentions: 2019 Market Outlook

## Top 3 Attended Tracks



Next Generation Biotherapeutics

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Business Development & Finance

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Oncology



# Education Program – Diversity of Experts



**Maina Bhaman**

Partner, Capital Funds  
Sofinnova Partners



**Roger Connor**

President, GSK Vaccines  
GlaxoSmithKline



**Seema Kumar**

Vice President, Innovation, Global Health  
and Policy Communication  
Johnson & Johnson Innovation (Moderator)



**Stacy Lindley**

Vice President and Head of Emerging Biopharma  
Alliance Management,  
IQVIA Biotech (Moderator)



**Debra Miller**

Chief Executive Officer  
and Founder CureDuchenne



**Ameet Nathwani**

Chief Digital Officer, Chief Medical Officer  
and Member of the  
Executive Committee Sanofi



**Neel Patel**

Managing Director,  
Portfolio & Commercial Strategy  
Syneos Health  
(Moderator & Presenter)



**Saurabh Saha**

Senior Vice President R&D,  
Global Head of Translational Medicine  
Bristol-Myers Squibb



**Sam Ulin**

Managing Director  
ClearView Healthcare Partners

# BIO 2019 Keynote Speakers



**Jamie Dimon**

*Chairman & CEO, JP Morgan Chase  
Global Finance Leader*



**Siddhartha Mukherjee**

*Physician, Biologist, Oncologist + Author*

## PREVIOUS KEYNOTE SPEAKERS

**2018**

Robin Roberts  
Rob Reiner

**2017**

David Cameron  
Ann Romney

**2016**

Will Smith  
Dr. Benet Omalu

**2015**

Tom Brokaw  
Eric Topol  
Wynton Marsalis

**2014**

Hillary Clinton  
Richard Branson

# BIO Exhibition Overview

**1,800+**  
EXHIBITORS

**46**  
DOMESTIC  
+ INTERNATIONAL  
PAVILIONS

**75**  
ORGANIZATIONS  
IN THE BIO PATIENT  
ADVOCACY PAVILION

BIO 2019 FEATURED  
**OVER 150**  
NEW EXHIBITORS

4 NEW PAVILIONS



New Zealand



Poland



Uruguay



Welsh Government

## SPECIALTY ZONES & PAVILIONS

BIO Action  
BIO Patient  
Advocacy Pavilion  
BioProcess Zone

Contract Services Zone  
Innovation Zone  
Start-Up Stadium



# BIO 2019 Sponsors

## DOUBLE HELIX

**AMGEN**<sup>®</sup>

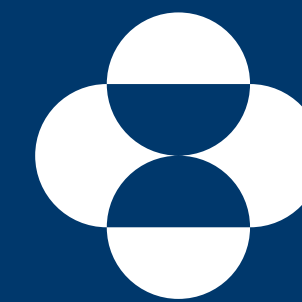


Bristol-Myers Squibb

**Genentech**  
*A Member of the Roche Group*

*Johnson & Johnson*

*Lilly*



**MERCK**

INVENTING FOR LIFE

## HELIX

abbvie

**Pennsylvania**  
WORK SMART. LIVE HAPPY.



SANOFI



# BIO 2019 Sponsors

## PREMIER

Alkermes  
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Boehringer Ingelheim Pharmaceuticals, Inc.  
Chubb  
Covance, Inc.  
CSL Behring  
Daiichi Sankyo  
GlaxoSmithKline  
IQVIA Biotech  
Novartis  
Retrophin  
Sanofi Pasteur  
Servier  
Syneos Health  
Takeda  
VWR, Part of Avantor

## CHAMPION

Astellas Pharma Inc.  
Elanco Animal Health  
Foley Hoag LLP  
GE Healthcare  
Horizon Therapeutics  
Inova Software  
Locust Walk  
Otsuka  
Torreya

## CONFERENCE

Abcam  
Accelaron Pharma Inc.  
Amarin Pharma Inc.  
Asahi Kasei Pharma Corporation  
BioInnovation Institute  
Brii Biosciences  
Celgene  
City of Phoenix  
Clarivate Analytics  
Clinical Network Services (CNS) PTY LTD  
Cooley LLP  
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Fujifilm Healthcare  
Lupin, Inc.  
MedChemBio  
Pepper Hamilton LLP  
Regeneron  
Signals Analytics  
State Government of Victoria, Australia  
Trinity  
Wells Fargo



*Save the date*

**BIO 2020**

• **SAN DIEGO** •

*California*

• **JUNE 8-11, 2020** •