



Euro BioFairs Compass

Autumn Edition 2017

|| Guide to Life Sciences Events



SPECIAL

Join the European Biotechnology Network!



The European Biotechnology Network is dedicated to facilitating co-operation between professionals in biotechnology and the life sciences all over Europe. This non-profit organisation brings research groups, universities, SMEs, large companies and indeed all actors in biotechnology together to build and deliver partnerships.

Do you want to know more about the advantages of a (free) membership? Just have a look at our website.



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www.european-biotechnology.net



CORPORATE MEMBERS 1/17

Seasonal event update

EVENT GUIDE The EUROBIOfAIRS COMPASS shows you which conference, trade fair, or partnering show to mark on your event calendar.

Every manager, scientist, or business developer has a very individual, specific network; thus, their must-attend events differ significantly. Where to meet potential new partners and how to widen one's scope beyond the well-known terrain can be quite difficult to determine. Euro Biofairs Compass will help you navigate the European meeting jungle in the months to come. Whether you're looking for a licensing partner, require funding, or just want to find out more about the latest R&D developments and services, our event guide will show you everything you need to know about what each event provides.

Based on advanced partnering and networking tools, **Nordic Life Science Days** (see p. 46) showcases the best that the Nordic region has to offer. The mix of conference, partnering, and exhibition is hosted in Malmö (12–14 September).

Held in Berlin, the DIA's **Clinical & Regulatory Operational Excellence Forum** (13–14 September) networks clinicians with regulatory affairs specialists in order to shorten turnaround times (p. 48)

Spotlight on partnering

Starting on 25 September, an entire week will be dedicated to communicating the benefits of biotech to the public. The **European Biotech Week** (see p. 50) is organised by EuropaBio, the European Association for Bioindustries, and features more than 200 events across Europe.

Biotech-pharma partnering will be at the centre of EBD Group's **BioPharm America Event** (see p. 52) in Boston. The tenth annual partnering event in the global life sciences hub (26 – 27 September) is a unique opportunity to get in touch with global decision makers in search of innovation. Hundreds of executives are set to attend from venture capital, pharma, academia, and biotech.

Enterprises aiming to expand in the Far East are well-advised to attend Asia's largest biotech show (15,000 visitors), **BioJapan 2017** (11 – 13 October, see p. 54) in Yokohama.

Keen on discovering the latest trends in the pharmaceutical industry? Then, don't miss the **CPhI Worldwide**. This year, the branch will meet in Frankfurt, Germany (24 – 26 October, see p. 56). Last time, the show attracted more than 42,000 life sciences professionals, and 2,550 companies showcased their work.

The translational pathway

For the fifth year running, **PharmaLab** (see p. 58) calls upon the latest regulatory and scientific developments in all laboratory areas of the pharmaceutical industry (8 – 9 November). This event, to be held in Düsseldorf, is accompanied by an exhibition, in which suppliers of lab equipment and contract laboratories present their offerings.

In the midst of international efforts to solve the global challenge of antibiotic resistance, the Twelfth Fraunhofer Life Science Symposium in Leipzig, Germany (8 – 9 November) will provide an update on the latest progress in the diagnosis of infectious diseases (see p. 60).

More than 1,200 delegates are expected to attend **BioFIT 2017** (see p. 62) in Strasbourg, a must-be event for everyone who is interested in partnering, technology transfer, and early licencing (28 – 29 November – 1 December).

To keep up with progress in the latest life sciences technologies, EMBL is hosting one of the world's most advanced **Course & Conference Programmes** (see p. 64) covering the hottest topics in Heidelberg.

Just turn the page to learn everything you need to know about Europe's must-attend events in the biotech industry. ■

Communication + dissemination services for EU-funded consortia



Excellent R&D projects deserve excellent communication. With more than 30 years of experience in life sciences, BIOCOM is the perfect partner for your professional communication and dissemination needs in Horizon 2020 and other projects.

- Project branding and preparation of communications materials
- Creation, maintenance and updating of the project website
- Press and media work, incl. videos
- Organisation of conferences and workshops

Interested?

For more information, just head to www.biocom.de/comdis or contact Dr. Boris Mannhardt at b.mannhardt@biocom.de



12 – 14 September, 2017
MalmöMässan
Malmö – Sweden

Partnering at its best

FIFTH NORDIC LIFE SCIENCE DAYS NLSDays offers networking and knowledge for anyone interested in the Nordic life science, biotechnologies, pharmaceuticals, medical devices, and e-health businesses. We offer a wealth of opportunities to connect.

Bringing together the best talents in life science, offering amazing networking and partnering opportunities, and providing inputs and content on the most recent trends: Nordic Life Science Days attracts leading decision makers from the Life Science sector, not only from biotech, pharma, and medtech but also from finances, research, policy, and regulatory authorities.

Based on cutting-edge and advanced partnering and networking tools, Nordic Life Science Days showcases the best that the Nordic region has to offer.

The Nordic way of conducting life science business

The Nordic region is proud to host some of the world's most innovative biotech,

medtech, and pharma companies. It also has the twelfth strongest economy, making it the perfect place to invest. Set in the vibrant city of Malmö, in the heart of the Medicon Valley, the conference offers super sessions, workshops, company presentations, innovation posters, exhibition, face-to-face meetings, and unique receptions, providing numerous opportunities to network with peers, potential partners, and investors.

Meetings on your terms

Every meeting is an opportunity. At NLSDays, we focus on meeting quality, not quantity. We provide ample time for you to meet your fellow delegates in a stress-free environment.

NLSDays is a SwedenBIO event produced by Bionordic. ■

A warm climate

GREETINGS Nordic Life Science Days is the largest Nordic partnering conference dedicated to the life science industry. Since its inception in 2013, the event has nurtured a community of people from the world of life science, and created a unique place to do business.

Most attendees express their delight in the informal atmosphere, com-

bined with an organized approach to meeting highly relevant people. Return visitors come back because they feel they belong to our growing community. We hope to welcome you, too.

We create a space for meaningful encounters, with one-on-one meetings being one of the main features of NLS Days. Additionally, the high quality of topics and presenters provide insight into the most recent trends in science and business.

Olivier Duchamp
Managing Director, NLSDays
CEO, Bionordic Services

QUICK FACTS

Highlights from NLSDays 2016

- > 1,070 Participants
- > 36 Countries
- > 12,000+ Meeting Requests
- > 2,200+ Scheduled Meetings

Contact

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www.nlsdays.com
www.bionordic.com



nordic partnering
at its best



**NLS
DAYS
2017**

nordic
life science
days
12–14 september
malmö–copenhagen
malmömässan

partner with the
Nordic life science
community
in the heart of the
Medicon Valley

a **sweden BIO** event, produced by  **bionordic**

photographer: camille_sonally

official conference hosts

invest in skåne
part of business region skåne

COPENHAGEN
CAPACITY

 **City of Malmö**

 **BIO
PEOPLE**
Denmark's Life Science Cluster

event in skåne
part of business region skåne

GREATER
COPENHAGEN

 **medicon valley alliance**
Creating Opportunities

 **MEDEON**

register at

www.nlsdays.com



DIA

13 – 14 September, 2017
Mercure Hotel MOA, Berlin,
Germany

Showcasing Success!

CLINICAL AND REGULATORY OPERATIONAL EXCELLENCE FORUM Surpassing the realm of mere ideas, this gathering integrates you into the solutions, with real-life successes from within Clinical and Regulatory Operations.

Increasing complexities within today's medicines development environment require a close link between Clinical Operations and Regulatory Operations. Improved coordination will shorten turn-around times, diminish queries, and reduce redundancy in development plans.

Regulatory strategies and supporting documentation must be established early, prior to the planning of Clinical Development programmes. Working solutions for high volume data and feasible concepts for the integration of ever-increasing data diversity need to be understood and then implemented appropriately.

“The new format is a great opportunity to discuss best practice solutions openly.”

Michael Horn, Head of Division Licensing, BfArM, Germany

Inspection readiness in a PRIME or Breakthrough Designation environment with real-time data interpretation and Q&A is challenging and requires an experienced team. Additional metrics for quality, timeliness, and completeness must be implemented. Unneces-

sary information in submitted data or documents for a regulatory submission are confusing the review process and must be avoided.

How do we, as a community of like-minded problem-solvers, go about tackling these complex issues? We must open our thinking and our organisational strategies to innovative approaches in coordinations and partnerships.

Discussing these topics in a purely conceptual manner often does not support individuals looking to excel in their performance with data, documents, and dossiers throughout their daily workload. Quite often, experts are also lacking the oversight and connectivity with other stakeholders along the value chain. The solution is to bring together authorities across the fields of Electronic Data Management, Clinical Operations, Pharmacovigilance, and Regulatory Affairs. This upcoming DIA Clinical & Regulatory Operational Excellence Forum provides the neutral setting for this collaboration. ■

Going beyond

GREETINGS DIA is listening to its customer needs, and I am pleased to announce the launch of a novel format that crosses Clinical and Regulatory boundaries along the medicines development value



chain by connecting Clinical and Regulatory Operations in a very interactive manner, where participants can work through proven solutions that have been already successfully implemented.

Holger Adelman

Senior Vice President, Managing Director
DIA EMEA

› QUICK FACTS

- › A new conference built on partnership case studies.
- › Active audience engagement is encouraged.
- › The exhibition is open, so as to connect attendees with solutions.
- › Group discounts are available.

Learn more at diaglobal.org/OpEx



Join the dots in Clinical
& Regulatory Operations

Clinical & Regulatory Operational Excellence Forum

13-14 September 2017 | Berlin, Germany

The increasing complexities in today's drug development environment require a close link between Clinical Operations and Regulatory Operations by embracing working solutions and partnerships.

This highly interactive forum will enable you to perform complex tasks to the highest operational standards, to shorten turnaround times, and to reduce queries and recreation in your development programmes.

Featured topics

- Clinical Operations, eTMF
- Regulatory Operations
- Pharmacovigilance
- Electronic Data Management
- Quality, CMC, Serialization, Compliance

Find out more at www.DIAglobal.org/OpEx



25 September – 01 October, 2017
All around Europe

Tribute to biotech

EUROPEAN BIOTECH WEEK European Biotech Week calls on the biotech community to start planning events and activities for the week of September 25 to make biotech more accessible, understandable, and, hopefully, exciting.

At EuropaBio, the European Association for Bioindustries, we realise how important it is to foster dialogue and information sharing in the scientifically complex and often misunderstood area of biotechnology. Our members are committed to developing tools and solutions for some of the world's main challenges, and we have a responsibility to share what we know and to facilitate an open discussion among all stakeholders to accompany these developments.

European Biotech Week was first coined in 2013 to mark the 60 year anniversary of the discovery of DNA's structure. Every year, together with its member National Associations, EuropaBio promotes the week and provides a platform for all biotech supporters to pool their events and raise awareness about the products and the benefits that biotechnology brings in areas as diverse as healthcare, agriculture, food, energy, and industrial processing.

Better together

GREETING Few other sectors enhance quality of life, knowledge, innovation, productivity, and environmental pro-



tection like biotechnology. The biotech industry should be proud of its achievements and present its current successes and future plans to end-users. We really hope that European Biotech Week becomes a self-perpetuating week that opens doors to a better understanding of the world in which we live. It is a unique opportunity for those people, organisations, and companies who care about biotech to unravel and debate why there's no science like biotech science!

The EuropaBio team

Year after year, the participation in European Biotech Week has increased, with a record 16 countries having taken part in the 2016 edition. The 130+ initiatives organised in the areas of science, education, policy, media, and finance involved thousands of European participants. Importantly, numerous events were related to jobs and training, including career fairs and hands-on laboratories for adults, students, and children, competitions, open door meetings with companies, research institutes, and museums, as well as theatrical shows. At the national level, in 2015, the initiative was even awarded a medal by the Italian President of the Republic.

Collaborate and contribute

EuropaBio strongly encourages all biotech supporters to join forces and participate in whatever way that fits best with their mission and resources. ■

QUICK FACTS

IN 2016

- 60% of Europe
- 135 events
- 60+ media pick-ups around the world

CONTACT

Cosmin Popa, Communications Manager, EuropaBio
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www.biotechweek.org

Get involved in European Biotech Week!

If you are familiar with biotechnology, you know the field provides incredibly innovative solutions for the benefit of mankind despite it often being unknown or misunderstood. That is why the biotech community needs you or your organisation to help raise awareness and make biotech more accessible.

Now in its fifth year, European Biotech Week has offered all supporters of biotechnology the opportunity to host events and develop initiatives that contribute to an increased dialogue and understanding of this amazing technology.

Potential activities are as varied as the supporters themselves, and the organisers of the Week¹ always encourage new ideas and feedback. For inspiration, flip through the magazines of the past editions on www.biotechweek.org.

There are no fees or hidden costs involved. All organisers can pool their activities on www.biotechweek.org for increased visibility and promotion, and they will later be featured in a widely-distributed post-week magazine. Interested? Please contact Cosmin Popa (hello@biotechweek.org).

¹EuropaBio – the European Association for Bioindustries – together with its member National Biotech Associations



Part of



www.biotechweek.org

EUROPEAN
BIOTECH
WEEK



25 Sept > 1 Oct 2017



**BIOPHARM
AMERICA™ 2017**

SEPTEMBER 26-27, 2017 // BOSTON, MA

**26 – 27 September, 2017
Sheraton Boston Hotel,
Boston, MA**

Global opportunities

BIOPHARM AMERICA 2017 The tenth annual BioPharm America™, held in Boston 26 – 27 September 2017, is a unique partnering event that brings attendees unparalleled access to decision makers from around the world in search of innovation. Hundreds of global executives attend from venture capital, pharma, academia, and biotech.

BioPharm America™ brings together startup companies, established biotech, and entrepreneurs from academia to attend, in search of finance, pharma, and development partners. The focus is on innovation and forging new business relationships between dealmakers from the life science ecosystem to engage and de-risk the enormous task of drug development. Held in Boston, life science executives

from around the globe gather to identify, meet, and enter into strategic relationships facilitated by partnering-ONE®, the world's leading web-based partnering system. Delegates can request and schedule meetings tailored to their strategic business goals in order to create a dynamic personalized partnering agenda.

Leading pharmaceutical companies attending include Amgen, AstraZeneca, Bayer HealthCare, Biogen, Boehringer Ingelheim, Genentech, Sanofi Genzyme, Ironwood, Johnson & Johnson Innovation, Merck, Novo Nordisk, and Pfizer.

BioPharm America is the only event in North America based on the same reputable formula as EBD Group's acclaimed European events BIO-Europe® and BIO-Europe Spring®. The event attracted 850+ delegates from 525 companies who participated in 2,350+ scheduled one-on-one meetings in 2016.

For more information and online registration visit ebdgroup.com/bpa. ■

See you in Boston

GREETINGS *There is no other event quite like BioPharm America™ where biotech entrepreneurs and biopharma executives and investors from across the life science industry convene with the goal of commercializing innovation. This year, BioPharm America delegates enjoy full access to select, concurrent activities at Biotech Week Boston.*



The impetus behind the intensive business development activity at BioPharm America is a two-day conference program that features thought leaders and executives from across the life science industry. Engaging panel discussions cover topics of interest to dealmakers, including licensing, investment, and business development. In addition, BioPharm America features special tracks specifically designed to help startups and young companies get on the radar of the global life science community and make the connections that matter.

Access capital, innovation, and partners, and meet more key decision makers in two days than you could all year. Join us in Boston this year, 26 – 27 September 2017.

Anna Chrisman
Group Managing Director
EBD Group

› QUICK FACTS

Highlights

- › 850+ delegates from
- › 500+ different companies
- › 2,400+ one-to-one meetings
- › Panel discussions, presentations
- › Networking

Contact

email: conferences@ebdgroup.com
Phone +1 760 930 0500
www.ebdgroup.com/bpa

MORE CONNECTIONS = GREATER SUCCESS

BioPharm America™ is now
part of Biotech Week Boston

BIOPHARM AMERICA™ 2017
SEPTEMBER 26-27 // BOSTON, MA, USA

ACCESS MORE

Capital, Innovation, and Partners

PARTNERSHIPS

- 2,400+ one-to-one meetings between biotech, pharma and investors
- Build relationships with 800+ key decision makers at evening events

INNOVATION

- More innovation than ever before with special pricing for qualified startups
- Startup Pitch Competition to a panel of BD execs, VCs, and industry experts

BREAKTHROUGH SCIENCE

- Translational Impact Forum promoting scientific research along the drug discovery journey

EXPERT ADVICE

- 80+ life science thought leaders speaking on the latest trends and groundbreaking ideas
- Startup toolkit program to equip early stage biotech with tools for success

FIND OUT MORE: ebdgroup.com/bpa
Use code "EBN" when you register

Produced by

EBD
GROUP

Supported by

 **MassBio**
MASSACHUSETTS BIOTECHNOLOGY COUNCIL



 **BioJapan 2017**

 **Regenerative
Medicine
Japan 2017**

**11 – 13 October, 2017
Pacifico Yokohama,
Japan**

Partnering in Asia

BIOJAPAN & REGENERATIVE MEDICINE JAPAN The 19th iteration of Asia's largest biotech event is set to take place 11 – 13 October 2017 in Yokohama, Japan. With over 15,000 visitors and more than 900 partnering organisations anticipated, this year's edition is set to bring together key players from around the world for over 8,000 business discussions.

BioJapan, Asia's premier partnering event for the global biotechnology industry, has played a vital role in bringing together Japanese and international organizations for almost two decades. Along with playing host to almost every top pharmaceutical company in Japan for the past few years, the 2016 introduction of BioJapan's all-new twinned exhibition, Regenerative Medicine Japan, was also met with wide acclaim.

With almost 900 organisations from Japan and abroad having held more

than 7,000 business discussions over the course of the twinned events' 2016 partnering, this year's iteration is well on track to surpass itself once again. The introduction of three new zones within the exhibition hall focusing on healthcare, digital tech, and smart cells, is also set to attract visitors from a broad range of industries to inspire innovation in some of the world's most rapidly developing fields. What's more, since the partnering system is entirely shared between the two co-located exhibitions, the potential for cross-field collaboration is greater than ever.

In recent years, Japan has been working to further develop its position as a major player in the field of regenerative medicine: the country now boasts the fastest approval system for regenerative medicine products in the world, taking as little as two to three years to hit the market with provisional approval. It's with this progress in mind that expectations are high for Regenerative Medicine Japan to continue to grow into a major event on the calendar of related organisations around the world. ■

See you in Japan!

GREETING *We are proud that over the last few years, BioJapan has really become a must-visit event in the Asia-Pacific region. If you're looking to forge relationships with new partners in Japan and Asia, BioJapan is the place: 75% of the 886 organizations participating in last year's Partnering are based in Asia and Oceania, and 52% are in Japan specifically. What's more, the event also boasts a solid roster of attendees from around the world, thanks, in part, to our many returning foreign pavilions and clusters. We're anticipating even more participants from overseas than ever, and with several delegations from Europe, the US, and Asia set to return to the exhibition, taking part has never been easier!*



We also hope that attendees at the event will enjoy Japan's famed hospitality. The twinned exhibitions' social events will certainly contribute to making participation a special experience, and we are very much looking forward to welcoming old and new friends alike to Yokohama this year.

See you in Yokohama!

Sakayu Shimizu
Chairman
BioJapan Organizing Committee

▶ QUICK FACTS

Partnering

Opening in July at cost of just JPY70,000 per account (approximately EUR600)

Contact

biojapan@jtbcom.co.jp
Phone: (+81) 3 5657 0758
www.ics-expo.jp/biojapan



BioJapan 2017
Y O K O H A M A



**Regenerative
Medicine
Japan** 2017

Asia's Premier Partnering Event

For the Global Biotechnology Industry

900+

Partnering
Companies*

8,000+

Business
Discussions*

700+

Exhibitors*

Partnering
only

€600

appx.

/ account**

October 11-13

2017 Pacifico Yokohama, Japan

**Register
from July**

BioJapan



Organizers:

BioJapan

BioJapan Organizing Committee
JTB Communication Design

<http://www.ics-expo.jp/biojapan/en>

Regenerative Medicine Japan

Forum for Innovative Regenerative Medicine (FIRM)
Japan BioIndustry Association (JBA)
JTB Communication Design

<http://www.ics-expo.jp/saisei/en>

*Anticipated Figures **70,000 JPY. Payment in JPY only



24–26 October, 2017
Messe Frankfurt,
Frankfurt am Main, Germany

Thinking ahead

CPHI WORLDWIDE After last year's record-breaking event, the world's most prominent pharma executives are ready to gather again for three days of collaboration, information dissemination, and discussions that will define the future of the industry. The CPhI Worldwide will take place on 24 – 26 October 2017 at the Messe Frankfurt, Germany.

Last year's exhibition saw an all-time record attendance of over 42,000 people, with 2,550+ exhibitors from 156 countries. Based on this success, at CPhI Worldwide 2017, there will be over 20 dedicated zones covering ingredients, APIs, excipients, contract services, packaging, biopharma, machinery, and many more.

Running concurrently with the pharmaceutical ingredients halls are four other

nearby brands, helping visitors quickly identify the right event for their business's needs: ICSE, InnoPack, P-MEC, and Finished Dosage Formulation.

On 23 October, the day prior to CPhI Worldwide, the ninth annual CPhI Pre-Connect Congress will convene. This platform gathers experts and thought leaders from the entire pharmaceutical supply chain to provide insights into the latest, vanguard developments. This year's conference will examine engaging and forward thinking topics, including the future of continuous processing, CRISPR, gene editing, and combatting antimicrobial resistance.

Beyond the exhibition floor, the CPhI Annual Report will be launched, providing insights into the industry's hottest topics and issues. Finally, the expanded CPhI Awards – which saw 12 categories last year, plus more entries than ever before – will return with the industry's best companies honoured during a prestigious ceremony. ■

Pharma prospering

GREETINGS Welcome to this year's CPhI Worldwide! The event returns in a year when many developments and potential changes are sweeping across the global pharma landscape – with Britain's exit from the EU and the new administration in Washington being the most notable, not to mention a new CPhI event for North America. More broadly, the three hotbeds of biotechnology innovation – San Diego, San Francisco, and Boston – have experienced a notable resurgence. In addition, the new Marketing Authorization Holder (MAH) pilot in China is providing innovation opportunities for Chinese biotechs, and globally, generics are taking hold from Japan to the emerging markets. Given the above-mentioned developments, we are presenting the event at a truly prosperous time for the industry. It's an ever-evolving pharma landscape and CPhI Worldwide is an opportunity for our industry to bring its collective mind together, filter the noise of the digital age, and focus on the latest trends, technologies, and opportunities. Above all else, though, it is a platform for the industry to drive forward new partnerships, do business, and grow.



Orhan Caglayan
UBM EMEA; Brand Director Europe,
Middle East and Africa

QUICK FACTS

Tickets

After registering online, free Visitor passes are available. Super early bird prices for VIP and VIP Exclusive tickets available until 6 August 2017.

Training and education

There are over 150 free seminars on specialist topics and regional updates.

<http://www.cphi.com/europe>

24 - 26 October 2017
Messe Frankfurt, Germany

REGISTER NOW
gotocphi.com/register

CPhI Worldwide: The world's leading pharmaceutical exhibition

Bringing every aspect of the pharmaceutical supply chain together in one location

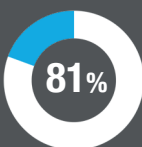
"Big pharma, small pharma, specialty pharma and packaging.. everyone is here!"

Cedric Roesler
 CEO, Difway

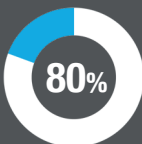
"You have to be here to be a big player in the industry!"

Cosmas Mukaratirwa
 Managing Director, Cospharm

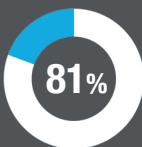
WHAT VISITORS SAID ABOUT THE 2016 SHOW*



rate CPhI Worldwide as the **leading global gathering** of the pharmaceutical industry



agree that CPhI Worldwide is the **most important show** in the pharmaceutical industry's calendar



believe that CPhI Worldwide is a **great show** to find new business opportunities

* post show survey 2016

WHY ATTEND CPhI?

- ✔ **Cost Effective:** **42,000** pharma professionals from **150+** countries in one location
- ✔ **Entire pharma supply chain:** **2,500+** exhibitors covering **ingredients, APIs, excipients, finished dosage, contract services, packaging, machinery** and more
- ✔ **Industry developments:** stay up-to-date on market news and trends during the **Pre-Connect Congress, CPhI Pharma Innovation Awards and Pharma Insight Briefings**
- ✔ **Free access:** **1 ticket, 5 shows**, 150 free seminars, innovation tours, innovation gallery and matchmaking

Register now: gotocphi.com/register

2017 EXHIBITORS INCLUDE:



Organised by:





20 PharmaLab
Congress & Exhibition
Analytics • Bioanalytics • Microbiology
Düsseldorf, 7/8 November 2017

7 – 8 November, 2017
Swissotel Congress Centrum,
Düsseldorf / Neuss, Germany

Focus Lab

PHARMALAB PharmaLab focuses on the key questions concerning quality control professionals in analytics, bioanalytics, and microbiology. This year, the annual meeting – always held in conjunction with a parallel exhibition – will celebrate its fifth anniversary.

In recent months, there have been a number of changes in the relevant guides and chapters of the pharmacopoeias in Europe and in the US, as in, for example, the revision of USP <223> “Validation of Alternative Microbiological Methods” and EP 5.1.6 “Alternative Methods for Control of Microbiological Quality,” as well as the chapters USP <55> and EP 5.1.2 for Biological Indicators. In view of the ongoing activities with regard to “low endotoxin recovery,” as well as to

the European initiatives to reduce the necessary animal experiments in the lab (3R strategy), the revision of the EP chapters “Monocyte-activation test (2.6.30)” and the “Guidelines for using the test for bacterial endotoxins (5.1.10)” are quite interesting.

However, microbiological topics are not the only focus of those responsible in authorities and industry. Biopharmaceutical products have become increasingly im-

portant. Their highly complex structure requires constantly optimised or newly developed assays or analytical methods for the determination of potency, quality, or comparability. Further, to qualify new systems and to validate the methods calls for the use of countless measurement data and, in turn, these days, mostly computer-based statistical tools and systems. This increasing automation and the establishment of Laboratory Integrated Management Systems (LIMS) means data integrity plays a decisive role. Compliance with GAMP and Annex 11 of the GMP Guide and the requirements of CFR21 Part 11 represent a real challenge for all laboratories, whether with regard to quality control or development.

These issues build the core of six international and four German-speaking conferences at PharmaLab, allowing you to become familiar with the current state of development. ■

For Lab Experts

GREETING Join us on 7 and 8 November in Düsseldorf for an information exchange and a discussion on the topics in analytics, bioanalytics, and microbi-



ology that keep you busy in the lab. Almost 60 speakers from authorities, industry, and contract labs, as well as from research, will share

current regulatory developments, new methods, and practical experience with you. Moreover, take advantage of the exhibition with some 30 exhibitors to get to know regarding the latest lab technology and services. We look forward to seeing you there.



Axel H. Schroeder (left) & Dr. Günter Brendelberger Concept Heidelberg, Operations Directors

QUICK FACTS

CONTACT & REGISTRATION

www.pharmalab-congress.com

HIGHLIGHTS

- Key speakers from the US, Belgium, the Czech Republic, the UK, Denmark, France, Italy, the Netherlands, Germany, and more
- Ten conferences with over 60 lectures in English or German
- Networking options & social event

PharmaLab 2017

Bioanalytics, Analytics and Microbiology
– Congress & Exhibition –
Swissôtel Düsseldorf/Neuss
7/8 November 2017

www.pharmalab-congress.com

Scan code to learn more



No matter whether bioassays, chemical analytics or microbiological testing, PharmaLab provides the ideal forum to discuss current trends, developments and applications in the pharmaceutical lab. And for you as a solutions provider the PharmaLab exhibition is thus the right platform to present your latest technologies and services for the modern lab.

Create your own programme out of the following conferences:

Bioanalytics

- Validation Approach of Bioassays using Statistical Methods
- Bioassays und Proteinanalytik*

Analytics

- Computerised Systems in Analytical Laboratories
- cGMP Compliance Trends in Analytical Laboratories
- Methodvalidierung bei Wirk- und Hilfsstoffen*
- Leachables und Extractables*
- Optimierung von Laborprozessen*

Microbiology

- Endotoxin and Pyrogen Testing
- Rapid Microbiological Methods and Mycoplasma Testing
- Pharmacopoeial Microbiology Update – USP and EP Developments

Media Partner:



*German speaking Conferences

CONCEPT
HEIDELBERG

Pharmaceutical Quality
Training. Conferences. Services.



8–9 November, 2017
Institute for Cell Therapy and Immunology, Leipzig, Germany

Infection update

FRAUNHOFER LIFE SCIENCE SYMPOSIUM 2017 Latest Developments in the Diagnosis of Infectious Diseases: The annual symposium wants to provide an overview on point-of-care diagnostics in the identification of emerging infections. The Twelfth Fraunhofer Life Science Symposium Leipzig 2017 is held 8 – 9 November 2017 in Leipzig.

After the great successes of recent years, the Fraunhofer Life Science Symposium is one again being held for the twelfth time in 2017. This symposium offers the opportunity to present, hear about, and discuss new scientific developments.

Among others, main topics include:

- Point-of-care diagnostic
- Nucleic acid based diagnostics
- Serology based diagnostics and much more.

➤ QUICK FACTS

Tickets

Check out our early bird fee and our special students fee!

Contact

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Keynote speakers from around the world will provide current insights into the exciting field of infectious diseases. The presentation of Heike Sichtig from US Food and Drug Administration, for example, will outline studies for evaluating the use of NGS-based devices and showcase the FDA-ARGOS database resource as an aid in infectious disease diagnostics, as well as for gaining a better understanding of potential NGS clinical implementation strategies. Luisa Barzon from the University of Padova, Italy will present on "Next Generation Sequencing in Infection Diagnostics" during the Fraunhofer Life Science Symposium. "I know Ms Barzon from a very fruitful cooperation in the field of dengue virus diagnostics. Therefore, I am looking forward to her talk and sincerely hope to get to talk to her afterwards," states Alexandra Rockstroh, Fraunhofer IZI. The Fraunhofer Life Science Symposium 2017 takes place at the Fraunhofer Institute for Cell Therapy and Immunology. About 200 researchers, clinicians, and industry experts are expected to attend. ■

Fighting infections

GREETINGS *Expanding worldwide traffic and the globalization of human contact are creating new challenges in the prevention of and the protection against infectious diseases. It is increasingly important to fight the proliferative propagation of viral, bacterial, and fungal infections. Thus, fast, correct, and differentiated diagnoses of pathogens are essential. It is, therefore, a great pleasure to announce the Twelfth Fraunhofer Life Science Symposium 2017, which will focus on rapidly evolving technologies used to analyse and diagnose pathogens.*



We would like to invite you to present your scientific work and also to meet renowned keynote speakers, as well as other scientists from the exciting field of infectious diseases. This symposium offers you the opportunity to present, hear about, and discuss new scientific developments, encounter new people, and meet old friends and colleagues.

With the industrial exhibition, you will surely find a good platform to communicate your expectations and needs for your research with business partners.

We are looking forward to meeting you in the beautiful city of Leipzig!

Frank Emmrich

Institute Director, Fraunhofer Institute for Cell Therapy and Immunology



Fraunhofer Life Science Symposium Leipzig²⁰¹⁷

Latest Developments in the
Diagnosis of Infectious Diseases

November 8–9, 2017 | Leipzig, Germany

www.fs-leipzig.com

MAIN TOPICS

Point-of-care diagnostic
Nucleic acid based
diagnostics
Serology bases
diagnostics
Sepsis diagnostics

Diagnosis of emerging
infections
Biomarker development
for diagnostic use
Veterinary diagnostics
Next generation
sequencing in diagnostics

ORGANIZING
INSTITUTION



FRAUNHOFER IZI
ON SOCIAL MEDIA





28 – 29 November, 2017
Strasbourg Convention Centre,
Strasbourg, France

Sourcing innovations

BIOFIT Since 2010, BioFIT has confirmed its position as the leading partnering event in Europe for technology transfer, academia-industry collaborations, and early-stage innovations in the Life Sciences field. The sixth edition of BioFIT will take place on 28 and 29 November 2017. More than 1,200 delegates from 35 countries are expected to come to Strasbourg.

With the highest attendance rate of academics, TTOs, and research institutions, together with big pharma, biotech start-ups, and (pre-)seed/Series A investors, BioFIT is the place where academia-industry collaborations get started. The event has acquired an entirely new dimension, becoming the market place in Europe for sourcing early-stage innovations stemming from public research institutions, academic spin-offs, and emerging

biotech companies. BioFIT operates as a platform to encourage new partnerships, source innovative and competitive early-stage R&D projects, facilitate collaborative projects, and increase licensing opportunities in the Life Sciences.

What is inside BioFIT?

Thanks to the business convention, all attendees can schedule up to 40

one-on-one meetings over the course of two days. At the platform opening one month before the event, they can not only identify potential partners among the registrants, but also scout future licensing opportunities. Afterwards, each participant can manage her/his own schedule to save time and attend conferences or presentation sessions.

In addition, the 15 roundtable and panel discussions of BioFIT 2017 will feature 60 high-level speakers from around the world discussing, amongst other topics, how Europe can overcome the shortage of bioentrepreneurs.

Finally, so as to promote public research and innovative start-ups, BioFIT's presentation sessions give young entrepreneurs, researchers, and tech transfer professionals the opportunity to present their projects and find industrial partners or investors who can support them. ■

Bouquet of topics

GREETINGS The 2017 conference programme is designed to address the needs of the audience, providing solutions and best practices for every player in the sector. One of the topics will address the position of Big Data and health IT companies in the therapeutic innovation chain. Will they



participate or lead? Also, how can biotech, pharma, and academia foster fruitful collaborations? Another topic is how to license early-stage assets. What are the difficulties in nurturing these assets? Last but not least, the challenges for bioentrepreneurs at (pre-) seed & Series A stages are discussed. For instance, shared risk or competition for emerging assets: How should the pharma-VC relationship function?

Etienne Vervaecke
 General Manager of Eurasanté

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QUICK FACTS

CONTACT

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 www.biofit-event.com
 @BIOFIT_EVENT

2016 FIGURES

- > 1,150 delegates
- > 30 countries represented
- > 2,500 one-to-one meetings
- > 800 licensing opportunities



Biofit

FOSTERING
INNOVATION
& TRANSFER

A 360° approach to source early-stage
innovations in Life Sciences

6th
edition

& 28th
29th
NOVEMBER
2017


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2nd edition
12th and 13th June 2018
Strasbourg

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AND ACCELERATE MARKET ACCESS IN MEDTECH**

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May – December 2017
EICAT
Heidelberg, Germany

2017 EMBL events

EMBL EVENTS The 2017 autumn European Molecular Biology Laboratories (EMBL) Course & Conference Programme offers a plenty of training opportunities for researchers at the EMBL's Advanced Training Centre (EICAT) in Heidelberg, Germany

EMBL's dedicated approach to the new frontiers of molecular biology and life sciences, its top-class logistics and organisation, and its popularity amongst European and international scientists all make the EMBL events programme one of the first choices in molecular biology training. With 15 conferences and 32 courses left to complete the year, the programme offers events on emerging and ground-breaking topics, as well as more established research.

Upcoming, new conferences include Mammalian Genetics and Genomics, Single to Multi-Omics, Centrosomes and Spindle Pole Bodies, Quantitative Principles in Biology, The Nucleosome and Revolutions in Structural Biology: Celebrating the 100th Anniversary of Sir John Kendrew. Our well-established meetings include Protein Synthesis and Translational Control, The Non-Coding Genome, Seeing is Believing, and Cancer Genomics.

If you are looking for hands-on experience with the latest next-generation sequencing (NGS) techniques, bioinformatics tools, microscopy methods, or practical molecular biology workflows, EMBL has the theoretical and practical courses to cover all your training needs.

In addition, EMBL is constantly improving the attendee experience by providing services like on-site childcare for conferences, multiple networking opportunities, digital information in the course and conference apps, as well as financial assistance at most events.

This year, EMBL is celebrating 40 years of training, which has influenced the career paths of thousands of researchers, with many now returning as organisers or speakers. You are invited to attend one of the events and become part of this scientific community.

See the full list of on-site training opportunities at www.embl.org/events ■

Exciting science

GREETING *Advanced Training is one of EMBL's core missions, with an annual scientific programme of 25 – 30 conferences and 60 courses across all topics of molecular biology and the life sciences. As science advances through the exchange of knowledge, concepts, and*



ideas, EMBL strives to bring together scientists from diverse disciplines, leading to innovative thinking and creating synergies. Our stunning training centre mimics the molecular architecture of the DNA double helix, a vibrant place for exciting science and efficient networking. You are invited to join us at the EMBL Advanced Training Centre!

Dr. Jürgen Deka,
Scientific Coordinator
EMBL International Centre for Advanced Training (EICAT)

QUICK FACTS

REGISTRATION

www.embl.org/events/

Contact

EMBL Heidelberg
Meyerhofstraße 1
69117 Heidelberg
Germany

Phone +49 6221 387 - 8797
events@embl.de

EMBL 2017

Conferences

30 AUG - 1 SEP | EMBO Conference
The Nucleosome: From Atoms to Genomes
I. Berger, K. Bystrycky, A. Flaus, H. Kurumizaka, K. Luger, T. Schalch
EMBL Heidelberg, Germany

6 - 9 SEP | EMBO Conference
Protein Synthesis and Translational Control
J. Cate, F. Gebauer, R. Green, M. Hentze
EMBL Heidelberg, Germany

13 - 16 SEP | EMBO | EMBL Symposium
The Non-Coding Genome
D. Bartel, E. Izaurralde, J. Rinn, J. Vogel
EMBL Heidelberg, Germany

24 - 27 SEP | EMBO Conference
Centrosomes and Spindle Pole Bodies
S. Dutcher, I. Hagan, L. Pelletier, G. Pereira, E. Schiebel
EMBL Heidelberg, Germany

24 SEP - 1 OCT | EMBO Practical Course
Synthetic Biology in Action: Programming Bacteria to Do Amazing Things
V. de Lorenzo, J. Dreyer-Lamm, K. Patil, N. Typas
EMBL Heidelberg, Germany

26 - 28 SEP | EMBL Course
Bioinformatics Resources for Protein Biology
S. Morgan | EMBL-EBI Hinxton, UK

2 - 6 OCT | EMBL Course
Metagenomics Bioinformatics
L. Emery, R. Finn, A. Mitchell | EMBL-EBI Hinxton, UK

3 - 6 OCT | EMBL Course
Whole Transcriptome Data Analysis
V. Benes, R. Calogero | EMBL Heidelberg, Germany

9 - 12 OCT | EMBL Course
Introduction to Next Generation Sequencing
T. Hancock, J. Randall, M. Rosallo | EMBL-EBI Hinxton, UK

4 - 7 OCT | EMBO | EMBL Symposium
Seeing is Believing - Imaging the Processes of Life
J. Ellenberg, J. Lippincott-Schwartz, A. Miyawaki
EMBL Heidelberg, Germany

11 - 14 OCT | EMBO | EMBL Symposium
The Mobile Genome: Genetic and Physiological Impacts of Transposable Elements
O. Barabas, J.F. Brennecke, J.V. Moran
EMBL Heidelberg, Germany

24 - 27 OCT | EMBL Conference
Mammalian Genetics and Genomics: From Molecular Mechanisms to Translational Applications
P. Avner, T. Gunn, M. Hrabec de Angelis, M. Justice, L. Siracusa, F. Spitz
EMBL Heidelberg, Germany

2 - 4 NOV | EMBO Conference
Quantitative Principles in Biology
A. Aulehla, J. Garcia-Ojalvo, R. Phillips
EMBL Heidelberg, Germany

5 - 8 NOV | EMBL Conference
Cancer Genomics
P. Campbell, J. Korbel, N. Lopez-Bigas, M. Meyerson
EMBL Heidelberg, Germany

12 - 14 NOV | EMBO | EMBL Symposium
From Single- to Multiomics: Applications and Challenges in Data Integration
N. Krogan, U. Sauer, J. Zaugg
EMBL Heidelberg, Germany

16 - 17 NOV | EMBL Conference
Revolutions in Structural Biology: Celebrating the 100th Anniversary of Sir John Kendrew
S. Cusack, C. Müller, J. Thornton, M. Wilmanns
EMBL Heidelberg, Germany

5 - 7 DEC | EMBL Conference
Lifelong Learning in the Biomedical Sciences
C. Brooksbank, M. Hardman, C. Janiko, C. Johnson, L. Wight
EMBL Heidelberg, Germany

Courses

9 - 13 OCT | EMBL Course
Liquid Biopsies
J. Dreyer-Lamm, A. Ståhlberg | EMBL Heidelberg, Germany

15 - 20 OCT | EMBO Practical Course
Humanized Mice in Biomedical Research
K-D. Bissig, N. Dear, C. Münz, J.J. Schüring, L. Shultz, B. Soper, R. Striepcke | EMBL Heidelberg, Germany

18 - 20 OCT | EMBL Course
Software Carpentry
T. Hodges, M. Sharan, G. Zeller | EMBL Heidelberg, Germany

23 - 27 OCT | EMBL Course
Structural Bioinformatics
T. Hancock, G. Kleweg, C. Orengo | EMBL-EBI Hinxton, UK

30 OCT - 2 NOV | EMBL Course
Metabolomics
R. Salek | EMBL-EBI Hinxton, UK

6 - 10 NOV | EMBO Practical Course
Analysis of High-Throughput Sequencing Data
G. Rustici | EMBL-EBI Hinxton, UK

6 - 10 NOV | EMBL Course
Next Generation Sequencing: Enrichment Based Targeted Resequencing
V. Benes, J. Dreyer-Lamm, A. Heim | EMBL Heidelberg, Germany

8 - 9 NOV | EMBL Course
Microinjection into Adherent Cells
R. Pepperkok, S. Stobrawa, S. Terjung | EMBL Heidelberg, Germany

13 - 16 NOV | EMBL Course
Next Generation Sequencing: Amplicon Based Targeted Resequencing
V. Benes, J. Dreyer-Lamm, A. Heim | EMBL Heidelberg, Germany

13 - 17 NOV | EMBL Course
Plants and Plant Pathogens
P. Kersey | EMBL-EBI Hinxton, UK

14 - 16 NOV | EMBL Course
Exploring Biological Sequence Data
T. Hancock | EMBL-EBI Hinxton, UK

20 - 24 NOV | EMBO Practical Course
The Fundamentals of High-End Cell Sorting
D. Davies, A. Filby, D. Ordóñez, M. Paulsen, S. Schmitt
EMBL Heidelberg, Germany

29 NOV - 1 DEC | EMBL Course
Next Generation Sequencing: Whole Genome Sequencing Library Preparation
V. Benes, J. Dreyer-Lamm, A. Heim | EMBL Heidelberg, Germany

4 - 7 DEC | EMBL Course
Next Generation Sequencing: RNA Sequencing Library Preparation
V. Benes, J. Dreyer-Lamm, A. Heim | EMBL Heidelberg, Germany

10 - 15 DEC | EMBL Course
High-Accuracy CLEM: Applications at Room Temperature and in cryo
R. Mellwig, M. Schorb | EMBL Heidelberg, Germany

For full event listings please visit our website

www.embl.org/events



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