



Euro BioFairs Compass

Q1 / Q2 Edition 2019



**|| Guide to Life
Sciences Events**

SPECIAL



ANDVARI ALVA



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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.

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European event update

EUROBIOFAIRS COMPASS Every manager, scientist, and business developer has their own individual, specific network – and so, too, their must-attend events vary significantly. Where to meet potential new partners and how to widen one's scope beyond well-known terrain can be quite difficult to determine. Euro Biofairs Compass will help you navigate the European meeting jungle in H1/2019.

Pharmapack 2019 (6–7 February 2019) is a must-go for experts in pharma packaging, serialisation hardware and equipment, who will gather in Expo Paris.

The **11th HIC/DSP Bioseparation Conference** (February 18–21, 2019, Interlaken, Switzerland) is a must-attend for experts in the field of chromatographic isolation and purification of biological targets.

Bioeconomy is set to revolutionise chemical production. In Frankfurt, more than 1,000 bioeconomy industry decision-makers will meet with investors in 20-minute partnering meetings at **European Chemistry Partnering** (26 February 2019).

The worldwide threat of antimicrobial resistance in medicine will be the focus of the 12th edition of the **Berlin Conference in Life Sciences** (14–15 March 2019, Berlin, Germany). Decision-makers from Big Pharma, and biotech SMEs, policy

makers, regulators, payors, business developers, and investors will meet in Berlin to explore how to incentivise companies to develop novel antibiotics that can break drug resistance and diagnostics.

The sister meeting to biotech industry's largest partnering event, **EBD's Bio-Europe Spring 2019** (25–27 March 2019), on the other hand, will provide the perfect partnering point for biotechs, investors, and pharma executives in Vienna.

The 35th Annual Congress on Pharmaceutical Medicine "Access to New Therapies: from Challenge to Solution!" (28–29 March, 2019, Berlin) will give the latest insights into drug safety and new concepts in drug development.

A meeting with major impact kicks off on 7 May 2019 at Congress Centre Basel, which will host what has become the nation's most important biotech event, the **Swiss Biotech Day**. As in previous years,

the new Swiss biotech report will shine light on the industry's status in the country. Due to the growing number of visitors (500+), the Swiss Biotech Day moved to Basel Congress Centre in 2017.

For the 12th time the **International Conference on Bio-based Materials** will present the technology leaders in the fields of bio-based chemistry and materials (15–16 May 2019). In Cologne, technology leaders will present and discuss their latest innovations with about 200 international participants, primarily from industry.

Until 1 February 2019, undergraduate students can apply to participate in **Amgen Scholars Europe** (June 24 – September 4, 2019) to engage in hands-on research at five of Europe's premier educational institutions

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



5-7 February 2019
Austria Center Vienna
Vienna, Austria

At the Crossroads

DIA EUROPE 2019 "Join Us at the Crossroads of Healthcare" emphasizes the multi-stakeholder, outcome-driven dialogue that fuels collaborative solutions for those who join the DIA Europe annual meeting.

The topics of the 2019 programme reflect the meeting's mission to ensure industry, payers, patients, and regulators all have an equal voice in the debates advancing regulatory science and access to healthcare. Cross-functional dialogues will address important topics such as the Evolution of

Science and Policy, Modern Clinical Research, Access to Medicines, and Digital Disruptors.

It is critically important for all development and access stakeholders to understand current policies, as well as future pathways for regulatory science. DIA Europe 2019 uniquely brings together representatives from over 35 regulatory, HTA, and patient advocacy organisations, including EMA, MHRA, BfArM, PMDA, and AGES, to name a few. Despite the Agency's business continuity strategy and the impact on its external engagement approach, a number of EMA representatives will be present to cover important areas, including a first European public update on the Agency's draft Regulatory Science Strategy 2020-2025.

New learning and discussion formats, such as Content Hubs, will facilitate more informal conversations and targeted networking on the nuances and solutions within specific fields of expertise. As our members say, "there is something special about DIA Europe." It's a chance to learn, engage, and grow as a healthcare professional.

Come to Vienna

GREETING Not in the least because of Brexit, 2018 proved to be a pivotal year. International best practice sharing and collaborative partnerships continue to



gain traction. Our regulatory agencies are working to embrace the emerging situation in Europe, while also preparing for the arrival of new therapies and technologies. We see progress in removing roadblocks to patient access while ensuring the highest standards of safety are met. Throughout Europe, the ever-changing political parameters surrounding the Brexit agreement have kept us on our toes. With all of these developments, I'm excited to kick-off 2019 by bringing together key players from around the globe to discuss the developments impacting access to therapies for patients. While DIA's history is rooted in regulatory focused discussions, we've evolved to address the interconnectedness of all functions and facilitate conversations across the entire drug development spectrum – from discovery to access. In 2019 we will continue to emphasize these collaborations and recognize that each of you is central to paving the road that lies ahead.

Thomas Bols
SVP and Managing Director DIA EMEA

QUICK FACTS

Quick Facts

- 2000+ attendees including 300+ speakers
- Daily Keynote Presentations!
Dave deBronkart;
Hans Lehrach, Director at
Max Planck Institute for
Molecular Genetics;
Kristel Van der Elst, CEO,
The Global Foresight Group
- Follow Us on Twitter @DIA_Europe

Registration

DIAGlobal.org/EuroBiotech

2000+
ATTENDEES

300+
SPEAKERS

80+
SESSIONS

35+
AGENCIES

100+
EXHIBITORS



DIA EUROPE 2019

5-7 February | Vienna

What will YOU bring to the debates?

Register today to join the medicines development and access dialogue in February.

Learn more at
DIAglobal.org/EuroBiotech



Drug Delivery & Packaging Pharmapack

INNOVATION • NETWORKING • EDUCATION

6-7 February 2019
Paris Expo Porte de Versailles,
France

Wave of Innovation

PHARMAPACK EUROPE Pharmapack is Europe's largest event dedicated to the pharmaceutical packaging and drug delivery industries. In addition to an extensive conference programme, it also provides invaluable opportunities for networking and showcasing innovations.

Pharmapack 2019 will bring together over 400 exhibitors from 37 countries and 5,290 attendees to network, innovate, and learn about the latest advancements and trends in the pharmaceutical packaging and drug-delivery industries.

Beyond the exhibition floor, 40 sessions, delivered by industry experts, will take place over the two-day event to discuss the very latest market trends and provide an analysis of regulatory changes in the EU and US markets. Session topics will

include: Patient Adherence; Challenges in Usability and Regulatory Update; New in Packaging Materials and Drug Delivery Systems; New in Biologicals and Biosimilar Drug Delivery Devices; and Sustainability and Pharmaceutical Packaging and Devices. Running alongside these sessions will be the Technical Symposium, which will provide insight from exhibiting industry leaders on overcoming challenges.

A Start-up Hub will provide a platform for young companies to exhibit their in-

novations, providing them with valuable brand visibility. Companies will also be able to pitch their concepts to a panel of experts and an audience of industry professionals, and provide them with valuable networking and learning opportunities.

Finally, the Pharmapack Awards will be hosted on the first evening of the event and will celebrate the best pharmaceutical packaging and drug delivery products from 2018 in the categories of Exhibitor Innovation and Health Products. All Exhibitor Innovations finalists will be showcased in the Innovation Gallery, which will give a comprehensive overview of recently developed products. The Health Products category will include two winners: one for Patient-Centric Design, launched in partnership with HCPC Europe; and a second, introduced alongside Adelphi, for Eco-design in health packaging and drug delivery devices. Attendees will also be able to explore this year's Exhibitor Innovation finalists via expert guided Innovation Tours. ■

Join the pack

GREETING In the last year we have seen a tremendous proliferation of industry innovation: not only have FDA market approvals increased rapidly, but at our event we are now seeing the launch of increasing novel technologies and newer market entrants



exploring patient-friendly and ecological solutions. During this hugely dynamic time, our Start-up Hub has been specifically designed as a low-cost solution to introduce these breakthrough companies to a wider audience.

This will be our most exciting edition to date. We invite you to join us at Pharmapack 2019 to see the future of pharmaceuticals.

Silvia Forroova
Brand Director
Pharmapack

QUICK FACTS

Highlights

- Over 400 exhibitors in Hall 7.2
- Over 5,200 professional visitors
- Conference with 40 sessions
- Technical Symposium
- Startup Hub
- Pharmapack Awards

More Information

www.pharmapackeurope.com

Drug Delivery & Packaging Pharmapack

INNOVATION • NETWORKING • EDUCATION

EXHIBITION & CONFERENCE 6 & 7 FEBRUARY 2019 PARIS EXPO, PORTE DE VERSAILLES – HALL 7.2

Pharma's dedicated packaging & drug delivery event



- Innovation Gallery
- Pharmapack Awards
- Innovation Tours
- Pharmapack Start-up Hub



- Networking Areas & Events
- International Meetings Programme



- Conference
- Symposium
- Workshops
- Learning Lab

FREE
to attend!

REGISTER NOW!

Follow the link:
bit.ly/2q1MiA2



#PharmapackEU



NEWS, WHITEPAPERS
& EVENT PROGRAMME AT
WWW.PHARMAPACKEUROPE.COM



18–21 February 2019
Hotel Royal-St Georges
Interlaken, Switzerland

Bioseparation & DSP

An update on bioseparation

HIC/DSP CONFERENCE The HIC/DSP conference provides a platform to better understand the chromatographic isolation and purification of biological targets. Professionals will share their expertise and experiences on all aspects of chromatographic separation and process design for biomolecules.

The HIC/DSP conference (formerly known as HIC/RPC) builds upon on a strong foundation of successful events focused on Hydrophobic Interaction Chromatography (HIC) and Reversed Phase Chromatography. The upcoming conference will keep an eye on the HIC fundamentals while expanding its scope to all modes of chromatography, focusing more on the output of separation techniques in downstream processing (DSP): the efficient purification of biomolecules.

Today's most challenging elements of modern downstream processing are the continuous increase in expression levels in fermentation and cell culture, the stringent demands for purity and recovery of biopharmaceuticals, and the high-

ly competitive environment. The conference will discuss potential solutions for these problems using new chromatography media and innovative processes. The practical elements of chromatographic development and implementation will be balanced by discussions about novel approaches and theories. Examples of the areas that will be covered in more than 40 lectures and posters:

- Mechanisms of biomolecule-surface interaction
- DSP method development and mechanistic understanding of bioprocesses
- DSP case studies
- Trends in Process Chromatography and Integrated Manufacturing

The event takes place in Interlaken, Switzerland. Interlaken can easily be reached by car or train. Direct rail links exist from Zurich and Geneva airports with trains leaving every hour. The registration fee is all-inclusive, covering the conference, hotel accommodation, excursion, and all meals. ■



Welcome note For the 11th edition of the HIC/DSP conference, we have set up an exciting programme, well-balanced between basic research and industrial applications.

We are delighted that some great keynote lecturers such as Roman Necina from Shire, Klaus Graumann from Phoenestra, and Stefan Hepbildikler from Roche will share their insights.

Moreover, during the five different regular sessions, chaired by recognised experts from both academia and industry, participants will have the opportunity to learn about the latest developments in the downstream processing world, and to acquaint themselves with the industrial perspective of downstream processing and how this technique is used for the production of biopharmaceuticals.

Alois Jungbauer

Chair of the Scientific Committee
11th HIC/DSP
University of Natural Resources and Life Sciences
Vienna, Austria

➤ QUICK FACTS

Registration

<http://www.hic-dsp.org>

Contact

Romain.Dabre@tosoh.com
Phone: +49-6155-704 37 11



**REGISTER
TODAY!**
www.hic-dsp.org



TACKLING FUTURE CHALLENGES - 11TH HIC/DSP BIOSEPARATION CONFERENCE FEBRUARY 18-21, 2019 | INTERLAKEN SWITZERLAND

CONFERENCE TOPICS

- Trends in process chromatography and integrated manufacturing
- Method development and mechanistic understanding of bioprocesses
- Mixed mode / multimodal chromatography - the orthogonality
- DSP applications and case studies:
 - Antibody constructs
 - Blood & plasma proteins
 - Oligonucleotides and peptides
 - Viruses, vaccines and gene therapy vectors
- Hydrophobic separations - a HIC/RPC legacy



Contact us at hic-dsp@tosoh.com



EUROPEAN CHEMISTRY PARTNERING

26 February 2019
Kap Europa,
Frankfurt, Germany

Chemistry makes ... "You are crazy"

EUROPEAN CHEMISTRY PARTNERING ... the world go around. Today the Bioeconomy is revolutionising chemical production. The 3rd ECP will bring innovators together in Frankfurt on 26 February 2019: Start-ups, medium-sized businesses, large companies, investors and service providers.

The ECP is unique. In just two years this Speed Dating event has established itself for the chemical industry and its user industries. More than 1,000 participants will meet to interact on 26 February 2019 in Frankfurt in 20-minute partnering meetings, or to bring themselves up to date. Some of the large companies already signed up: Archroma, Air Liquide, Arlanxeo, Bayer, BASF, Beiersdorf, Brenntag, Celanese, Clariant, Covestro, Croda, Daikin, Evonik, Fujifilm, Haldor Topsoe, Henkel, Heraeus, Jowat, Kuraray, Lanxess, LG, Lonza, Merck, Mitsui, Metsä, Procter & Gamble, Roche Diagnostics, Saltigo,

Sanofi, Seppic, Symrise, tesa, and Thyssenkrupp.

The ECP is about 20-minute Partnering discussions. Participants arrange these in advance. Then there are the Pitches – short, six-minute presentations reserved for start-ups and small-to-medium-sized companies. Large companies and investors are allocated 15 minutes. Partners and sponsors also give 60-minute workshops on topics like financing, internationalization, digitalization, and the circular economy.

These core activities are complemented by a Keynote at the beginning, an exhibition, and many opportunities for informal networking the day before, on the day and the day after the event at a breakfast for all who are still in the city.

The ECP brings people together across disciplines, structures, regions, national borders, and cultures in the shortest possible time. A visit to the ECP is therefore a complement to established fairs and congresses and a targeted investment in the future. ■

GREETING "Holger Benge, you are crazy. We have so many events in our industry," said some of my network partners before the 1st ECP in February 2017.



But 140 participants that day experienced something very different: ECP is unique! It's all about rapid interchange between very different characters from very different companies and industries.

Answers to the big questions of our time can only be provided by innovation that stems from thinking outside the box. The Bioeconomy is slowly changing chemical production: enzymes instead of heating; new substances from nature's building blocks and with the help of biotechnological methods; and finally digitization is generating further impulses first in our minds and then in the market. At the 3rd ECP on 26 February 2019, we expect over 1,000 decision-makers, creative and innovative people from the chemical industry and its user industries at Kap Europa in Frankfurt – just a ten-minute walk from the main train station, 20 minutes by taxi from the airport.

Be there!

Dr. Holger Benge
Initiator of ECP

› QUICK FACTS

Registration

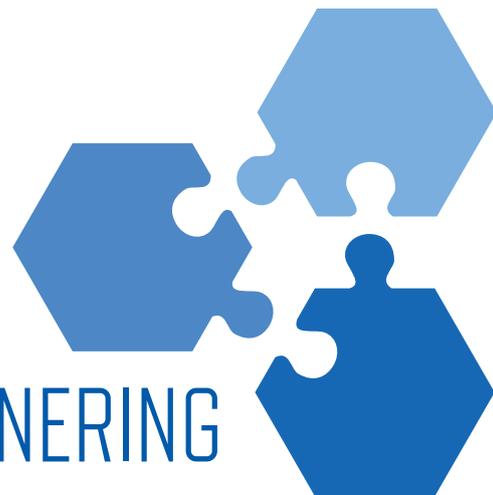
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more than 2,500 Partnerings

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3rd EUROPEAN CHEMISTRY PARTNERING

Unique speed dating for the chemical industry and all related business areas

Chemistry, Bioeconomy, Digitization, Engineering, Nanotechnology, Analytics, Polymers, New Materials, Big Data, Circular Economy, Biorenewables, etc.

	1 st ECP 16.02.17	2 nd ECP 23.02.18	3 rd ECP* 26.02.19
Participants	135	505	>1,000
Nations	15	31	>40
Start-ups and SMEs	37	183	>250
Pitches	22	106	>180
Partnerings	104	1,208	>2,500
Big Players and Investors	40	93	>120

*estimated



Register Now!



www.european-chemistry-partnering.com



BIOCOM®



14-15 March 2019
Radisson Blu Hotel
Berlin, Germany

AMR expert meeting

NOVEL ANTIMICROBIALS AND AMR DIAGNOSTICS 2019 In its 12th edition, the two-day conference is focusing on business strategies and current investment trends in the field of Antimicrobial Resistance (AMR) on the public and private level. More than 70 speakers will highlight AMR innovation in therapeutics and diagnostics for human and animal health.

Is it worth to invest in companies developing new antimicrobials or diagnostics to tackle multiresistant pathogens that are spreading more and more globally? Yes, because in 2015 the burden of antibiotic-resistant infections in Europe was already comparable to that

of flu, tuberculosis and HIV combined: According to a study by the European Centre for Disease Prevention and Control (ECDC) published in the *LANCET INFECTIOUS DISEASES JOURNAL*, an estimated 33,110 deaths could be attributed to multidrug-resistant superbugs in 2015. Specialists say that around 70 percent of infection-causing bacteria are already resistant to at least one antibiotic available.

Given this background, AMR innovation in human and animal health, in therapeutics and diagnostics, is urgently needed. The conference, which is supported by BEAM Alliance, provides the ideal platform to meet all relevant stakeholders at once. It focuses on applied research from academia and small and medium-sized companies (SMEs). Speakers from the financing industry, the pharma and diagnostic industry, the policy and regulatory side, as well

as many different SMEs and start-ups will provide a broad insight into current challenges, promising success stories and best practices. With 70+ high-level speakers in 12 sessions, the event organiser BIOCOM AG brought together a packed agenda of relevant topics in human and animal health addressed during the conference. Alongside technology-oriented sessions, there will be debates about push and pull incentives with representatives from NICE, UK, and the US to explore ongoing pilot projects. Wellcome Trust will host a session around AMR surveillance and its relevance for R&D processes. Another track will dive into clinical development challenges, providing insights from late-stage SMEs as well as from regulatory bodies. For the first time, a session on animal health will highlight new approaches in this field.

Offering investor's partnering, an investors talk, and a start-up pitch, financing will be a priority topic during the event. In the Policy Forum, WHO and UNCTAD will present a first concept of a new global AMR investment fund (see p. 20). Copenhagen-based Novo REPAIR Impact Fund will provide an update on its activity and US-based CARB-X is going to talk about its European expansion. Another panel debate with representatives from the Global AMR R&D hub and JPI AMR will discuss the current status of international coordination.

> QUICK FACTS

Call for poster abstracts

Submission deadline:
9 January 2019

Pre-conference workshop

"Resistance testing – beyond serial pass experiments" – jointly organised by Novo REPAIR Impact Fund, CARB-X, GARDP and Wellcome Trust

www.amr-conference.com

Mar 14|15
2019
Berlin | Germany

Sponsors:



Supporting Partners:



Media Partner:



12th Berlin Conference on Life Sciences

Novel Antimicrobials and AMR Diagnostics 2019

This conference is a platform to discuss strategies and the specific challenges faced by SMEs in bringing new antimicrobial treatments and diagnostics to the market.

What you can expect:

- 350+ attendees, 70+ high-level speakers discussing current AMR issues
- Focus on human and animal health
- Topics: Financing and funding | Start-up pitch | Clinical development and market access | Therapeutics and diagnostics | R&D trends
- Policy forum, supported by WHO and UNCTAD
- Poster session, exhibition and pre-scheduled one-to-one investor meetings
- SMEs and academics benefit from a 50% discount off the full fee

Early Bird Deadline:
15 Jan – save 20%

amr-conference.com
#AMRconference



BIO-EUROPE SPRING®

25–27 March 2019
Messe Wien
Vienna, Austria

Partnering deluxe

BIO-EUROPE SPRING 2019 The 13th annual BIO-Europe Spring® international partnering conference will meet in Vienna, Austria, March 25–27, 2019, at the Messe Wien Exhibition and Congress Center. This premier annual springtime event brings life science executives to Europe's most innovative biopharma clusters.

The 13th annual BIO-Europe Spring® international partnering conference will be held in Vienna, Austria, for the first time, March 25–27, 2019, at the Messe Wien Exhibition and Congress Center. The event is highly regarded among companies across the life science value chain, from large biotech and pharma companies to financiers and innovative startups.

BIO-Europe Spring offers powerful opportunities for you to network with the right partners, with over 2,500 attendees from 1,400 companies and 54+ countries. With a focus on European innovation and global collaboration, the event is the premier

springtime partnering conference bringing together a “who’s who” from biotech, pharma, and finance in the most innovative biopharma clusters in Europe.

The event is also sought after by attendees for the variety and high caliber of presenting companies, ranging from academic innovators and start-up biotech companies to mid-size pharma and biotech, which bring their innovative technologies, therapies, and solutions with the goal of securing development and commercialization partners. BIO-Europe Spring also features a diverse list of industry leaders speaking on workshops and panels.

Leading pharmaceutical companies, including all of the big names in pharma, sponsor the event, sending teams of scouts to discover new and innovative products. Informal networking events in stunning local venues lend further deal-making opportunities.

The 2018 event boasted 15,000 scheduled one-to-one meetings with 3,600+ licensing opportunities posted. ■

Join us in Vienna

GREETING *BIO-Europe Spring®, held in enticing biotech hotspots every spring, is the best place to solidify your strategies for the next year. This conference is a key event for global biotech, pharma, and investors who attend in search of new collaboration partners and deal opportunities. This year, BIO-Europe Spring will be held in Vienna, Austria, for the first time.*



BIO-Europe Spring is expected to draw a high caliber of companies to this vibrant biotech hub, not only from Europe but from across the globe, to fuel the insatiable drug development industry. The event brings a high quality and variety of companies to present their licensing opportunities directly to potential partners, resulting in alliances that literally change the world.

Vienna boasts over 450 life science organizations employing nearly 37,000 people in scientific innovation and medical research. With over 2,500 attendees last year, BIO-Europe Spring continues to bring global executives to locations that drive the industry's growing demand for transformational breakthroughs.

See you in Vienna in March, 2019!

Anna Chrisman
Managing Director
EBD Group & KNect365 Life Sciences

▶ QUICK FACTS

Registration

Please visit
ebdgroup.com/bes

BIO-EUROPE SPRING®

VIENNA, AUSTRIA // MARCH 25-27, 2019

Ignite powerful partnerships with life science leaders

BIO-Europe Spring® is the premier springtime partnering conference bringing together a “who’s who” from biotech, pharma and finance in the most innovative biopharma clusters in Europe.

What to expect:

- 13,000+ one-to-one partnering meetings
- 3,500+ licensing opportunities to access
- 2,600+ international executives from biotech, pharma, and finance
- 1,500+ companies representing 50+ countries
- 120 biotech, pharmaceutical, next generation and academic innovator presentations
- 70 C-level speakers on plenary sessions and business development workshops
- 65 exhibitors in the high-traffic heart of the conference

FIND OUT MORE:
ebdgroup.com/bes

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Innovation
Organization



28–29 March 2019
NH Collection Friedrichstraße
Berlin, Germany

Off to new pastures

ANNUAL CONGRESS ON PHARMACEUTICAL MEDICINE Clinical development: the name says it all. In order to keep up to date, we have to stay abreast of changes. At this congress, some of the latest topics in the development of medicinal products and medical devices will be presented.

The pharmaceutical landscape is changing, and one has to keep pace with various trends while people, science, and the regulatory environment are moving forward. The future looks different, but does this mean for better or for worse? The 2019 Annual Congress on Pharmaceutical Medicine will help to answer this question.

The event provides the opportunity to look closer at selected trend-setting topics. In a total of six symposia

and a panel discussion, more than 20 experts will share their experiences with up to 300 participants. They will share their insights gained and lessons learned, as well as in their visions of areas like biomarkers, gene therapy, the blend of clinical trials and the regulatory area, as well as the rapidly expanding subject of medical devices.

In the panel discussion, the compatibility of money, corruption, and data protection will be discussed. In addition, in a “hot topics” session, talking points such as Brexit, health technology assessment (HTA), and reimbursement strategies, as well as the privacy shield, will be presented. DGPharMed is thrilled to present this interesting and inspiring mix of current and future-focused topics in pharmaceutical medicine. Participants can benefit from the event’s early bird rates valid until January 25, 2019: €490 for DGPharMed members and €640 for non-members. The organisers look forward to welcoming you in Berlin on 28–29 March, 2019. ■

› QUICK FACTS

Exhibition

Interested to exhibit at this event?
Please contact: aussteller@degepe.eu

Advertising

Become an advertiser in the PM QM, the journal of pharmaceutical medicine and quality management and benefit from over 3000 national/international recipients and readers! Send your inquiry to anzeigen@degepe.eu

Stay on top!

GREETINGS *While the pharmaceutical landscape around us develops further, we are called upon to find new pathways in order to maintain over-*



sight. At the 35th Annual Congress on Pharmaceutical Medicine, we invite you to accept the dare and explore new approaches to biomarkers, gene therapy, medical devices, and other advanced topics.

It is not unusual to be facing new regulations, but still we do not know exactly how to cope with obligations originating from recently developed regulations. By sharing best practices in conducting clinical trials and pharmacovigilance, the annual DGPharMed congress can help to manage such challenges.

On behalf of the programme committee and as the DGPharMed host, I cordially invite you to join us at the NH Collection Berlin Friedrichstraße on 28–29 March 2019 to listen to interesting presentations and participate in active and lively discussions on forward-looking subjects. The full programme will soon be available online at dgpharmed-jahreskongress.de.

Prof. Dr. Christoph Gleiter
President
DGPharMed e.V.



DGPharMed
Deutsche Gesellschaft für Pharmazeutische Medizin e.V.

35th

DGPharMed Annual Meeting

**Access to new therapies:
From challenge to solution!**

March 28-29, 2019 · Berlin

NH Collection Berlin Mitte Friedrichstrasse

Early-Bird-Rates until

**January 24th
2019**

Topics*

- Biosimilars - Development and regional differences, market access, pharmacovigilance, HCP and patient acceptance
- Falsified Medicine Directive - First experiences
- EU Health Technology Assessment - One assessment fits all?
- Pediatric drug development - Challenges and possible solutions
- Big data - Usefulness and usability
- The new European Medical Device Regulation (MDR) and Evaluation of clinical data in medical device development
- Medical Devices - apps, combination products, clinical trials and new regulations

*Please note: the congress will be held in German.



SWISS  **BIOTECH**™

7 May 2019
Congress Centre Basel
Basel, Switzerland

Robust growth

SWISS BIOTECH DAY In 2018, more than 600 senior life science executives from across Europe met at the leading Biotech conference in Switzerland. In 2019, the event will again offer an inspiring programme.

Another record-breaking attendance confirmed the leading role of the Swiss Biotech Day as an industry networking platform. Only a few places in the world can compete with the density and variety of biotech stakeholders and their international partners from more than 20 countries gathered in Basel. From world-leading research groups, to investors, biotech entrepreneurs, start-ups and patent specialists – the event covers the entire value chain. Highlights of this year’s conference includ-

ed the keynote from Novartis CEO, Vas Narasimhan, the launch of the Swiss Biotech Success Stories for remarkable industry achievements, and the Swiss Biotech Association’s 20 year anniversary. Owing to the constant growth, the Swiss Biotech Day on 7 May 2019 will offer more space at the congress centre of Messe Basel for exhibitors and present an inspiring programme with plenty of room for networking. An emphasis will lie on opportunities and

synergies offered by the close collaboration of pharma and biotech. Platforms will be provided to discuss new developments in research and development, production, data management, artificial intelligence, and innovative financing.

The release of the Swiss Biotech Report, highlighting the most important trends and facts on the development of the Swiss biotech industry, and the celebration of the Swiss Biotech Success Stories’ laureates of 2019 are on the agenda as well. Adding the traditional Swiss Biotech Association’s General Assembly, sessions on fostering closer cooperation between companies and investors, partnering talks in a private setting, discussions with experts on financing, and presentations of emerging companies, the Swiss Biotech Day will be as multi-faceted as the nature of the life sciences industry. ■

An amazing day

GREETING I am very happy to invite you to the Swiss Biotech Day 2019. The SBD has proven to be a lot more than the Annual General Assembly of the Swiss Biotech Association. It has become the key networking platform for biotech entrepreneurs, inves-



tors, researchers, analysts, political decision-makers, and industry stakeholders in Switzerland. To support the continuous growth and expansion of the event, the Swiss Biotech Day 2019 will be held on the more spacious top floors of the congress centre at the Messe Basel.

Join us in Basel for an intense and stimulating day!

Michael Altorfer
 CEO, Swiss Biotech Association

QUICK FACTS

REGISTRATION
www.swissbiotechday.ch
 Phone: +41-43-508-11 21
register@swissbiotechday.ch

Highlights

- Swiss Biotech Report 2019
- One-on-one partnering
- Exhibition
- Swiss Biotech Success Stories celebration

Pictures: André Springer/SBA

SWISS BIOTECH DAY 2019

The leading Life Sciences Conference in Switzerland and Annual General Assembly of the Swiss Biotech Association

Picture: © Basel Tourismus



MAY 7, 2019
Congress Center Basel

Join the upcoming Swiss Biotech Day and take the chance to meet senior experts from the life science industry and academia from across Europe.

Event Highlights:

- > 650+ attendees from 20+ countries
- > Swiss Biotech Success Stories Awards
- > Parallel tracks on innovative emerging and clinical stage biotech companies
- > Thematically focused panel discussions
- > Pre-scheduled one-to-one partnering meetings for all attendees
- > High-traffic exhibition with ongoing catering

Find out more at swissbiotechday.ch

Sponsors:



Supporting Partners:



Media Partners:



Organized by:





12th International Conference on Bio-based Materials
15–16 May 2019 • Cologne • Germany

15 – 16 May 2019
Maternushaus
Cologne, Germany

Evolving bioeconomy

INT. CONFERENCE ON BIO-BASED MATERIALS For the 12th time, the International Conference on Bio-based Materials will present the technology leaders in the fields of bio-based chemistry and materials.

Despite the harsh economic environment, a few innovative companies have found markets for their new bio-based building blocks, chemicals, and polymers. We will introduce you to the technology leaders our planet needs for a sustainable future. The chemical industry may only develop into a sustainable sector once it bids farewell to all fossil raw materials and uses nothing but renewable carbon as a raw material in organic chemistry. Only a full phase-out of fossil carbon will help prevent a further increase in CO₂ levels. All

of the fossil carbon extracted from the ground will sooner or later be released into the atmosphere, where the CO₂ concentration will go up as a consequence. The bioeconomy will play a crucial role in providing renewable carbon. Today, PLA is produced by two leading companies, bio-based PBS has become commercially available, and soon the first bio-based PP will enter the market while bio-based PE production capacities will be expanded at the same time. Bio-based polymers can be found in almost all application sec-

tors, such as packaging, consumer goods, toys, automotive, textiles, and coating. New bio-based building blocks are also available for body care, cosmetics, food ingredients, and pharmaceuticals. On top of that, more and more biogenic side streams from the food industry are utilised via biotechnology as part of the circular bioeconomy. In Cologne, technology leaders will present and discuss their latest innovations to about 200 international participants, primarily from industry. The 12th International Conference on Bio-based Materials will include an accompanying exhibition with 30 exhibitors, professional matchmaking, and workshops (on first and second generation biorefineries, in-depth B2C market research, standards and norms as well as hurdles and barriers). It will once again provide one of the leading platforms for industrial networking in the European bioeconomy with a wide range of opportunities for discussion and making business contacts. ■

Join the bio-shift

GREETING While the shift towards renewable energies is progressing rapidly and consistently in the energy sector, the corresponding shift in raw materials towards renewable carbon is taking its time. Renewable carbon can be obtained from recycling, biomass, and



direct CO₂ use. So far, the increased use of renewable carbon has been limited to mechanical recycling and more wood in construction and paper packaging. But there is much more at stake. The entire base of the chemical and plastics industry must be converted. Whether and how this is possible we will discuss broadly in 2019: Come to Cologne in May to learn what's possible in bio-based chemistry and plastics.

Michael Carus,
Managing Director, nova-Institute

› QUICK FACTS

REGISTRATION

<http://bio-based-conference.com/registration/>

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7th Conference on



Carbon Dioxide
as Feedstock for
Fuels, Chemistry
and Polymers

20–21 March 2019, Maternushaus, Cologne (Germany)

The conference at a glance:

- More than 200 participants and 20 exhibitors expected
- Topics are the new political framework, renewable energy and hydrogen production, carbon capture technologies, CO₂-based fuels, chemicals and polymers, CO₂-based proteins, mineralisation and artificial photosynthesis
- Sessions will be: Visions / Strategy, Sustainability, Hydrogen Production / Carbon Capture, Artificial Photosynthesis, CO₂ for Chemistry and Polymers, CO₂ for Fuels, CO₂ for Mineralisation
- New advisory board with well-known experts on CCU technologies

Meet international experts at one of the leading events on Carbon Capture and Utilization (CCU) in the world. The political framework conditions for CCU have improved considerably in recent months: The new version of the Renewable Energy Directive (RED II), entering into force in 2020, opens the doors for all CO₂ uses, including the use of industrial exhaust gases for all types of fuels. Stakeholders will showcase enhanced and new applications using CO₂ as feedstock.

For the first time the Innovation Award for the "Best CO₂ Utilisation 2019" will be granted at the conference to the young, innovative CCU industry for finding suitable applications and markets for CO₂-based products and technologies.



www.co2-chemistry.eu

20 – 21 March 2019 · Maternushaus, Cologne, Germany



12th International Conference on Bio-based Materials

15–16 May 2019, Maternushaus, Cologne, Germany

The conference at a glance:

- More than 250 participants and 30 exhibitors are expected
- Vision & Policy
- Bio-based Polymers and Building Blocks
- Biodegradable Solutions
- Biorefineries
- NEW: Bio-based Fine Chemicals (Food Ingredients, Flavours, Body Care, Cosmetics, Pharmaceuticals)
- Workshops on First and Second Generation Biorefineries, on In-depth B2C Market Research and on Standards and Norms, Hurdles and Barriers

Evolution of the Bioeconomy: Survival of the Fittest? Learning from Success. Despite the harsh environment, several innovative companies find markets for their new bio-based building blocks, chemicals and polymers. We will introduce you to the technology leaders our planet needs for a sustainable future.

The nova Innovation Award "Bio-based Material of the Year" will be granted to the young, innovative bio-based chemicals and materials industry for finding suitable applications and markets for bio-based products.



www.bio-based-conference.com

15-16 May 2019 · Maternushaus, Cologne, Germany



16th International Conference of the European Industrial Hemp Association

The conference at a glance:

- More than 350 participants and 30 exhibitors from 40 countries expected
- CBD as Food Supplement and Pharmaceutical
- Hemp Seeds, Oil and Proteins
- Fibres & Shives
- Biocomposites
- Construction
- Insulation
- Textiles

The EIIHA Conference is established as the largest meeting of experts on industrial hemp in Europe and indeed worldwide!

Specialists from all over the world will meet in order to exchange information regarding the latest developments in hemp applications for fibres, shivs, seeds and oil as well as cannabinoids.

The Innovation Award "Hemp Product of the Year 2019" will be granted to the young, innovative industrial hemp industry for finding suitable applications and markets for industrial hemp based products.



www.eiha-conference.org

5-6 June 2019 · Maternushaus, Cologne, Germany



For more information, please contact:

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nova Institute
for Ecology and Innovation
www.nova-institute.eu



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24 June – 4 September 2019
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Switzerland, UK

Discover potential

AMGEN SCHOLARS EUROPE: An undergraduate Summer Research Programme in Science and Biotechnology. Every year, 75 selected undergraduate students throughout Europe get the opportunity to engage in hands-on research at five of Europe's premier educational institutions.

Inspiring the Scientists of Tomorrow – Selected students take part in important university research projects where they gain lab experience and contribute to the advancement of science. The guidance from faculty mentors, including some of Europe's top academic scientists, is a key element of the programme. Scholars additionally participate in engaging scientific seminars, workshops, and networking events.

The signature symposium, hosted at the University of Cambridge every September, is where all 75 students

hear first-hand from leading scientists in industry and academia. The European symposium provides students with a valuable opportunity to discuss their research, learn about drug discovery and development, and network with other Amgen Scholars from Europe.

Amgen Scholars Europe Programme applicants must be undergraduate students enrolled in colleges or universities in countries that are participating in the EHEA and the Bologna Process. Applicants must have not completed their bachelor's or first degree (or its equivalent) prior to participation. In addition, the programme is looking for a strong record of academic performance and an interest in pursuing a Ph.D.

Financial support is a vital component of the Amgen Scholars Programme. Details vary by host institution, but the scholarship usually includes a stipend and covers accommodation, as well as travel costs.

Application deadline: 1 February 2019

Alumni Spotlight

GREETING *I realized that with a science-based career I will not only improve my own mind, but also the world around me. My project at LMU*



was about the molecular background of mechanisms in evolution. We modified the genome of different fly species in order to fluorescently label a protein called Yellow, which is very important for the wing pigmentation. This way we can observe its expression over the complete development of the fly under the microscope and find out how diversification happens.

Working together closely with renowned scientists in well-equipped laboratories, I wanted to gain a deeper understanding and more knowledge about life sciences. Not only did I want to find answers to the many questions I had, but also wanted to find more questions to ask and study in the future. Furthermore, I hoped to learn more about the dynamics and structures of actual research groups and about how to present research. Amgen Scholars was the perfect opportunity to fulfill these ambitions and motivations.

Lisa Rodermund

Alumna, hosted in 2015 at LMU Munich, Germany. Currently a Ph.D. student at the University of Oxford.

› QUICK FACTS

Applications

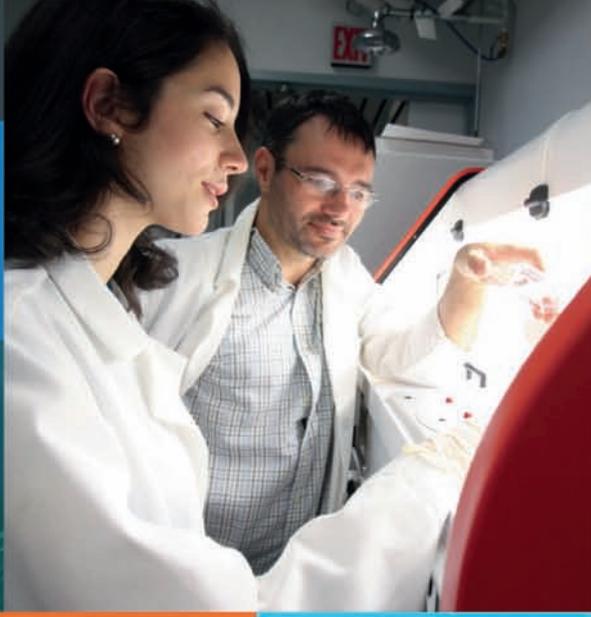
1 Nov. 2018 – 1 Feb. 2019

More information

www.amgenscholars.com

European students can also apply for the Asia program

An Undergraduate Summer Research Program in Science and Biotechnology



DISCOVER YOUR POTENTIAL

Every year, the Amgen Scholars Europe Programme provides 75 selected undergraduate students from European colleges and universities with the opportunity to engage in a hands-on research experience at many of Europe's premier educational institutions.

For more information:

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HOST INSTITUTIONS IN EUROPE



Amgen Scholars is an international programme funded by the Amgen Foundation with direction and technical assistance provided by Harvard University. The Amgen Foundation has committed \$74 million over sixteen years to this global initiative to make the opportunity possible for thousands of students.



Amgen Scholars provides hundreds of selected undergraduates from across the globe the opportunity to participate in cutting-edge research at world-class institutions.



NEARLY 4,000 STUDENTS HAVE PARTICIPATED IN AMGEN SCHOLARS TO DATE



NEARLY 900 ARE CURRENTLY PURSUING GRADUATE SCHOOL IN SCIENTIFIC FIELDS



AMGEN SCHOLARS HAVE REPRESENTED **700 COLLEGES AND UNIVERSITIES** ACROSS **42 COUNTRIES**



NOW HOSTED AT 24 PREMIER RESEARCH INSTITUTIONS



MORE THAN 500 ARE NOW IN SCIENTIFIC CAREERS



280 ALUMNI HAVE EARNED A PHD OR MD-PHD IN A SCIENTIFIC FIELD



57% OF AMGEN SCHOLARS PARTICIPANTS ARE FEMALE