



The Parenteral Drug Association presents:

2015 PDA Europe

8th Workshop on Monoclonal Antibodies

Current & Future Trends in Process Development

Exhibition 22-23 September | **Education Program** 24-25 September

europe.pda.org/Monoclonals2015

*Two-Day
Training Course*
**CMC Regulatory
Compliance for
Biopharma-
ceuticals**

22-23 September 2015

RAMADA Hotel Berlin-Alexanderplatz
Berlin | Germany

Networking Dinner Invitation



PDA is pleased to invite you to the Monoclonals Oktoberfest Dinner!

Please join us at the conference's own Oktoberfest with Bavarian food & beer specialties. Meet with all conference attendees in this original atmosphere and network while you relax!

Date & Time:

22. September 2015 | 19:00

Location:

Hofbräu Berlin

Karl-Liebknecht-Straße 30

Berlin

Meeting Point:

RAMADA Hotel Lobby
at 18:20

Dress Code: Casual



Please confirm your attendance at the registration desk.
If you have any special dietary requirements, please let us know.

* Bavarian expression, meaning 'it's tapped'. At noon on the first day of Oktoberfest, the Mayor of Munich traditionally taps the first keg of beer, exclaiming the above phrase, which marks the official opening of the festival.

LETTER FROM THE CO-CHAIRS

Scientific Program Planning Committee

Michael De Felippis, *Co-Chair, Eli Lilly*

Martijn van der Plas, *Co-Chair,
Medicines Evaluation Board*

Ursula Busse, *Novartis*

Mary Cromwell, *Genentech*

Juan Gimenez, *Genentech*

Steffen Gross, *Paul Ehrlich Institute*

Ralf Hess, *PAREXEL*

Ilona Reischl, *AGES*

Richard Levy, *PDA*

Georg Roessling, *PDA Europe*

Sylvia Becker, *PDA Europe*

Dear Colleagues,

On behalf of the scientific program planning committee and PDA, we are pleased to invite you to the 8th PDA Europe Monoclonal Antibodies Workshop, to be held 22-23 September 2015 in Berlin, Germany.

Three decades after the licensure of the first monoclonal antibody, interest remains strong in this product class. The top three blockbuster pharmaceuticals of 2013 were monoclonal antibodies; and an estimated 300 compounds are currently in various stages of clinical development for treatment of cancers, inflammatory and autoimmune diseases and other disorders. The intense focus on monoclonal antibodies has in turn driven significant developments in the chemistry, manufacturing and control (CMC) aspects associated with commercial production. Scientific advances in molecular biology have enabled production of fully human monoclonal antibodies. The antibody structure also now serves as a framework to create related molecular entities such as fragments, Fc-fusions, bispecifics and antibody drug conjugates, with the goal of optimizing therapeutic potential. Improvements in expression systems and cell culture have boosted titers, and efficiency gains have been realized in manufacturing by adopting platform processes for upstream and downstream operations. Many manufacturers of monoclonal antibody products were early adopters of QbD-enabled control strategies.

Manufacturers of therapeutic monoclonal antibodies continue to invest in process development in order to accommodate a broader range of product types, and to meet evolving regulatory expectations. Economic factors are strongly fueling efforts to further increase cell culture productivity, optimize operational efficiency and reduce overall manufacturing expenses to reliably produce larger quantities of high quality products at lower cost. Process development clearly remains an area of focus for manufacturers. For this reason, the planning committee has selected this topic as the theme of this year's workshop. The objective of the workshop is to examine the current state-of-the-art for process development of monoclonal antibodies and explore technologies that will influence new CMC approaches.

The workshop program will consist of sessions covering both upstream and downstream process development, control strategy design, antibody related products and technology innovations. In keeping with the format of previous workshops, an entire session will be devoted to regulatory considerations with presentations by regulators involved in dossier review and inspection. Through presentations, case studies and panel discussions, workshop participants will learn the latest trends in process development and understand what approaches will be useful for the next wave of monoclonal antibody and related products. In addition to the planned sessions, the program will provide abundant opportunities for networking and exchange of ideas with friends, colleagues, regulators and industry leaders. We look forward to welcoming you to the 8th PDA Europe Monoclonal Antibody Workshop in Berlin!

The Co-Chairs



Michael De Felippis,
Eli Lilly



Martijn van der Plas,
*Dutch Medicines Evaluation
Board, CBG MEB*

Tuesday, 22 September 2015

9:00 Welcome and Introduction

Georg Roessling, *PDA Europe*
Martijn van der Plas, *Co-Chair, CBG-MEB*

Session 1: Statistical Trends in Regulatory Documentation

Moderator: Martijn van der Plas, Co-Chair CBG-MEB

This session will integrate ongoing developments in the application of risk-based decision tools and data analysis approaches relative to regulator expectations. Special attention will be paid to the emerging deployment of statistics. Although many statistical models are available, there is no consensus on which models are suitable in a regulatory context. This session will explore the current status of these subjects.

9:10 Specification Settings & Using Statistics to Define Acceptable Ranges

Francesca Luciani, *Center for Immunobiologicals Research and Evaluation (CRIVB), Istituto Superiore di Sanità, ISS*

9:40 Biosimilarity, Comparability & Statistical Models

Thomas Stangler, *Sandoz*

10:10 Process and Shelf-Life Models to Complement Justification of Specifications

Guillermo Miro-Quesada, *MedImmune*

10:40 Coffee Break, Poster Session & Exhibition

11:10 ISO IDMP Standards for Proteins: Getting the Essentials of mAb into a Database

Marcel Hoefnagel, *Dutch Agency CBG-MEB*

11:40 Q&A, Discussion

12:15 Lunch Break, Poster Session & Exhibition

Session 2: Current Strategies in Upstream Process Development

Moderator: Ralf Hess, PAREXEL

Continued technology advancement in upstream process development has led to refinements in cell culture approaches and adoption of risk-based integrated control strategies to ensure high quality and robust product supply. The need to reduce the high cost associated with developing monoclonal antibody therapeutics and producing them in an economically efficient manner for global distribution has driven these efforts. While tremendous progress has been made, upstream process development remains an area of intense focus as industry is exploring further opportunities for continuous improvement. This session will examine current approaches in upstream process development with emphasis on speeding material supply to the clinic, clonal cell line development to ensure consistent product quality and strategies to achieve enhanced productivity. Integration of upstream and downstream processes will also be explored.

13:15 Risk-based Upstream Process Development: Clones and Clonality

Tongtong Wang, *Eli Lilly*

13:45 Cell Line Development First!

Louis Boon, *Bioceros*

14:15 Integration of Upstream and Downstream Process Development

Petra Gronemeyer, *Clausthal University of Technology, Germany*

Q&A, Discussion

15:15 Coffee Break, Poster Session & Exhibition

Session 3: Current and Future Trends in Downstream Process Development *Moderator: Ursula Busse, Novartis*
Part 1

The development of high-yielding processes for monoclonal antibodies is often attributed to significant advances in mammalian cell culture that have taken titers to 5 g/l or greater. In contrast to these achievements in upstream processing, a generalized and common framework strategy primarily using chromatographic separation technology defines the current state of downstream processing. There are advantages to this approach, for example, common unit operations enable the application of prior knowledge across similar products and streamline technology transfers and scale-up. However, the current strategy for downstream processing may be viewed as suboptimal relative to throughput efficiency and capacity. Downstream processing will need to continually evolve to enable the extensive portfolio of monoclonal antibodies under clinical evaluation. This session explores the current and future state of downstream processing for monoclonal antibodies. Topics to be discussed include: Qualification and application of scale-down models, impurity clearance strategies and alternative technologies, such as continuous processing, for defining the future of drug substance manufacturing.

15:45	Qualification and Application of Scale-Down Models	Frank Zettl, <i>Roche</i>
16:15	Process Related Impurity Clearance in the Downstream Process: A Strategic Approach to Reduced Release Testing	Theresa Ahern, <i>Eli Lilly</i>
16:45	Purification of Antibody Conjugates by Counter-Current Chromatography	Thomas Müller-Späß, <i>ChromaCon</i>
17:15	Q&A, Discussion	
18:00	End of Day 1 & Networking Event	

Wednesday, 23 September 2015

8:30	Welcome and Introduction	Michael R. DeFelippis, <i>Co-Chair, Eli Lilly</i>
-------------	---------------------------------	---

Session 3: Current and Future Trends in Downstream Process Development *Moderator: Michael R. DeFelippis, Co-Chair, Eli Lilly*
Part 2

This morning's Session will continue the previous day's discussion on Current and Future Trends in Downstream Process Development.

8:40	Batch and Continuous Manufacturing Concepts in Downstream Processing	Jochen Strube, <i>Clausthal University of Technology, Germany</i>
9:10	Next-Generation Biopharmaceutical Downstream Processes - Continuous Bioprocessing	Christopher Gillespie, <i>Merck Millipore</i> Gorazd Hribar, <i>Sandoz</i>
9:40	Viral Clearance for Continuous Processes	Laura Holtmann, <i>INVITE, Germany</i>
10:10	What Holds Industry Back from Broad Implementation of Continuous Processing?	Frank Nygaard, <i>NNE PARMAPLAN</i>
10:40	Q&A, Discussion	
11:00	Coffee Break, Poster Session & Exhibition	



2015 PDA Joint Conference
Vaccines
 1-2 December | Berlin, Germany | Bethesda USA
 Register by 3 Nov 2015 and SAVE!
europe.pda.org/Vaccines2015

Session 4: Control Strategy

Moderator: **Mary Cromwell**, *Genentech*

The control strategy for biotherapeutics encompasses many aspects ranging from the specifications of raw materials to environmental controls to testing controls of final product. Parametric and procedural controls ensure that the manufacturing process delivers the intended product quality. The improved process and product understanding afforded by Quality by Design approaches during development may allow for a shift in the overall control strategy from traditional lengthy release specifications to reduced testing due to increased levels of process control. Better understanding of the impact of material attributes on Critical Quality Attributes may result in improved raw material specifications while affording increased process capability. Topics in this session include how process monitoring and process capability play a role in the overall control strategy and how recent ICH guidance documents (e.g. ICH Q3D Elemental Impurities) impact the final control strategy.

11:30	Process Monitoring In Practice: A Case Study	Cillian McCabe, <i>Eli Lilly</i>
12:00	Case Study for ICH Q3D	Stephanie Knueppel, <i>Roche</i>
12:30	Q&A, Discussion	
12:45	Lunch Break, Poster Session & Exhibition	

Session 5: Formulation & Fill/Finish

Moderator: **Georg Roessling**, *PDA Europe*

Increasingly, the final formulation and configuration may be used to differentiate commercial monoclonal antibody products to provide an advantage in the marketplace. This can lead to challenges related to the need for high concentration formulations with low dose volumes, requirements for room temperature stable formulations to serve specific markets as well as more traditional stability challenges for labile molecules. The aseptic fill/finish operations are perhaps the most critical in the biomanufacturing process due to the proximity to the final user; it is of vital importance to maintain product quality and safety during these operations. This session explores topics related to filling technologies for monoclonal antibodies and strategies for minimizing risks during fill-finish operations.

13:45	Current Fill-Finish Technologies for High Value Pharmaceuticals	Dieter Bandtel, <i>BOSCH</i>
14:15	Mitigating Risk in Aseptic Filling: Monoclonal Abs in Blow-Fill-Seal Containers	William Hartzel, <i>Catalent Pharma Solutions</i>
14:45	Q&A, Discussion	
15:00	Coffee Break, Poster Session & Exhibition	

Session 6: Regulatory Perspectives on Control Strategy & Inspections

Moderator: **Juan Gimenez**, *Genentech*

Global understanding of QbD has progressed since the Science and Risk-based approach described in ICH Q 8 - Q 11 guidelines was endorsed by Industry and Regulators, and meanwhile, a number of QbD submissions have been evaluated and approved. The principles of QbD were primarily focused on enhanced process development and validation information. There are new or revised guidance documents with a clear impact on control strategies, such as real-time release testing approaches based on data gained during the manufacture of medicinal products. In this session, European regulatory representatives will provide updates and status reports of current assessment methodologies and share findings of international inspections.

15:30	QbD for Control Strategies - A New Function for GMP Inspectors?	Steffen Gross, <i>PEI</i>
16:00	Process Validation: Existing Principles and Innovation	Martijn van der Plas, <i>CBG-MEB</i>
16:30	Q&A, Discussion	
17:00	Closing Comments & Farewell Coffee	Georg Roessling, <i>PDA Europe</i>

The Parenteral Drug Association presents...

PDA Education Program

24- 25 September 2015

**CMC Regulatory Compliance for
Biopharmaceuticals**

Two-Day Training Course

John Geigert, PhD,
*BioPharmaceutical
Quality Solutions*

CMC Regulatory Compliance for Biopharmaceuticals

Description

Biopharmaceuticals are being developed by many companies whose Chemistry, Manufacturing & Control (CMC) teams have varying degrees of familiarity or experience with the regulatory requirements for these challenging products. Companies clearly understand the critical importance of their human clinical study strategy, but frequently, the development of a strategy for Chemistry, Manufacturing & Controls (CMC) is an afterthought. Add the frequent lack of CMC regulatory compliance experience in some companies, coupled with the complexity of the biological manufacturing processes and products, and this can be a recipe for disaster.

This course will provide insights and practical guidance for the CMC teams to develop an acceptable cost-effective CMC regulatory compliance strategy for biopharmaceuticals from early clinical stage development through market approval. The course emphasis will include FDA, EMA and ICH guidance.

Who Should Attend

This course is designed specifically for those involved in or interested in the manufacture and control and CMC regulatory issues of biopharmaceuticals, including Senior Management, Directors and Managers/Supervisors, QA/QC, Regulatory Affairs, Manufacturing and Process Development personnel.

Learning Objectives:

Upon completion of this course, you will be able to:

- Explain the importance and underlying principles of an effective CMC regulatory strategy for biopharmaceuticals to move your products through clinical development into the marketplace
- Explain the importance and underlying principles for CMC regulatory compliance of biopharmaceuticals and how this leads regulatory agencies to have different CMC regulatory requirements for biotech products compared to pharmaceuticals of chemical origin.

Faculty



John Geigert, PhD, BioPharmaceutical Quality

John Geigert is President of BioPharmaceutical Quality Solutions, which for the last 12 years has specialized in providing CMC regulatory strategy consulting for the biopharmaceutical and biologic industry. He has over 35 years of CMC industrial experience and leadership in the biopharmaceutical industry. He has held senior management positions as Vice President of Quality at both IDEC Pharmaceuticals Corporation in San Diego and Immunex Corporation in Seattle, and he was Director of Product Development at Cetus Corporation in Berkeley. At these companies, he helped lead the CMC efforts to obtain regulatory approvals for 6 biopharmaceutical products now commercially available in the U.S. and in Europe. John Geigert has served on the PDA Board of Directors, current co-chairs the PDA Biotech Advisory Board, and has served as an expert member of the USP Biotechnology Committee. He is the author of the book *The Challenge of CMC Regulatory Compliance for Biopharmaceuticals and Other Biologics* 2nd Edition, and has written extensively for RAPS Focus (What Senior Management Needs to Know About CMC Regulatory Compliance for Biotech Products (Aug-Nov 2009, 4-part series)), *Demystifying CMC Regulatory Strategy* (Sept 2011-Mar 2012, 4-part series). John Geigert obtained his B.S. in Chemistry from Washington State University and his Ph.D. degree in Organic/Analytical Chemistry from Colorado State University.

Thursday, 24 September 2015**9:00 – 17:00**

9:00 Welcome and Introduction

CMC Regulatory Challenges for Biopharmaceuticals are Different

9:10 – Painting the Terminology Landscape: Biologic, specified biologic, biopharmaceutical, biosimilar, CBER, CDER, EMA, ...

10:30 Coffee Break

11:00 – Understanding the CMC Differences of Biopharmaceutical Regulation between FDA and EMA
– Biopharmaceuticals are not Chemical Drugs – Regulatory Compliance Consequences of the four Major CMC Differences

12:30 Lunch Break

How to Develop an Effective Corporate CMC Risk-Managed Control Strategy for Biopharmaceuticals13:30 – Three Major Forces that Shape the CMC Regulatory Compliance Strategy of all Biopharmaceuticals
– Five Key Elements of an Effective Corporate CMC Regulatory Compliant Strategy

15:00 Coffee Break

15:30 – Impact of the Quality by Design (QbD) on Biopharmaceutical CMC Strategy
– Necessity of a Clinical Phase - Appropriate CMC Regulatory Compliance Strategy

17:00 End of Day 1

Friday, 25 September 2015**9:00 – 17:00****Applying a CMC Risk-Managed Control Strategy to the Biopharmaceutical Manufacturing Process**09:00 – Four Myths about Biopharmaceutical Starting Material – the Master Cell Bank
– Necessity of Confirming Clonality and Genetic Stability

10:30 Coffee Break

– Importance and Limitations of small-scale Studies for Biopharmaceuticals

– Clinical Phase - Appropriate Control of the Biopharmaceutical Manufacturing Process

– Formulation and Container-Closure Challenges for Biopharmaceuticals – Impact of Components on the Biopharmaceutical (e.g., protein aggregation) and Impact of the Biopharmaceutical on Components (e.g., glass delamination)

12:30 Lunch Break

Challenge of Managing Manufacturing Process Changes and Demonstrating Biologic Product Comparability – Not an Easy Task!13:30 – Need for Risk-based, Sequential and Clinical Phase - Appropriate Comparability Studies
– Demonstrating Biologic Product Comparability – Justifying CMC Differences

15:00 Coffee Break

15:30 – “Comparability Protocol” and “Post Approval Change Management Protocol”

– Extreme Comparability of Biosimilars:
Limitations of CMC Comparison, Fingerprinting – CMC Biosimilarity Successes and Failures

17:00 End of Training Course

Scientific Program Planning Committee

Michael De Felippis, *Co-Chair, Eli Lilly*
Martijn van der Plas, *Co-Chair, Medicines Evaluation Board*
Ursula Busse, *Novartis*
Mary Cromwell, *Genentech*
Juan Gimenez, *Genentech*
Steffen Gross, *Paul Ehrlich Institute*
Ralf Hess, *PAREXEL*
Ilona Reischl, *AGES*
Richard Levy, *PDA*
Georg Roessling, *PDA Europe*
Sylvia Becker, *PDA Europe*

Contacts

For additional Workshop information please contact:

Antje Petzholdt Membership Management petzholdt@pda.org	Membership Management
	Interest Group
	General Event Information
Sylvia Becker Manager Programs & Events becker@pda.org	Committee Management
	Speaker Management
	Conference Agenda
Elke von Laufenberg Manager Training & Education laufenberg@pda.org	Education Program
	Faculty Management
Creixell Espilla-Gilart Manager Exhibition & Sponsorship espilla@pda.org	Exhibitor Management
	Sponsorship Opportunities

To Exhibit:

Exhibition and Sponsorship Opportunities are available. PDA meetings and Workshops are a great opportunity for your company to gain on-site exposure in front of highly-qualified, upper-level professionals in the pharmaceutical and biopharmaceutical industry. Exhibit at PDA events and let your company's products or services become a valuable tool or resource for our attendees.

General Address

PDA Europe gmbH
 Am Borsigturm 60
 13507 Berlin, Germany
 Tel: +49 30 4365508-0
 Fax: +49 30 4365508-66



Venue

RAMADA Hotel Berlin-Alexanderplatz
 Karl-Liebknecht Strasse 32
 10178 Berlin, Deutschland
 Tel: +49 30 3010411-0
 Fax: +49 30 3010411-550
 E-Mail: berlin.alex@h-hotels.com
www.h-hotels.com/en/hotels/ramada-hotel-berlin-alexanderplatz/welcome.html

Special Rates

Double room for single use **€ 129**
 Double room: **€ 139**
 (including breakfast and WLAN, VAT and Servicecharge – Citytax may apply)

Room Reservations

PDA has secured a limited number of rooms at a special group rate until **11 August 2015**. **Code word: PDA**
 Housing at the selected hotel will be in high demand, so we strongly recommend making your reservations early.

How to find the venue:



© Google – For directions click on the picture, scan the QR-code or go to <https://goo.gl/maps/4HcJJ>



Special offer: Discounted travel with Lufthansa Group Airlines

Lufthansa Group Partner Airlines offer a comprehensive global route network linking major cities around the world. We offer special prices and conditions to participants, visitors, exhibitors, invited guests as well as employees of the Contracting partner and their travel companions. To make a reservation, please click on www.lufthansa.com/event-booking_en and enter the access code **DEZEWLX** in the "Access to Your Special Lufthansa Offer" area. This will open an online booking platform that will automatically calculate the discount offered or provide you with an even better offer if another promotional fare is available.

NOTE: Pop-ups must be enabled otherwise the booking platform window will not open.

These promotional fares are also available through your IATA / ARC travel agent. Travel agents can obtain ticketing instructions by sending an email to lufthansa.mobility@dlh.de and providing the access code as a reference.

Helpful Hints When Registering for PDA Europe Events

MAKING IT EASIER FOR BOTH OF US

1 Please include your member ID number on registration form if available/known

If uncertain about your member ID number and/or your membership status, call or email Ms. Antje Petzholdt.
+ 49 30 4365508-10 **petzholdt@pda.org**

2 Do not send money in advance

Please wait until we send our invoice to you.
It is helpful to reference our invoice number in your bank transfer details.

3 Complete and sign the event registration form

Please note the registration and cancellation policies at the bottom of the form.

4 Purchase Orders

Registration cannot be completed by sending Purchase Order alone. A Purchase Order is only accepted if a complete registration form is enclosed or follows very soon.

5 Please state VAT ID number if European-based Company

This number starts by your country code
(example: PDA Europe's VAT ID number = DE254459362)

6 Please state the correct billing address on the registration form

This is particularly important if billing address and site address are different. Contact your accounting department for correct address and company name. There could be special requirements for accounting. Changes in the billing address (if induced by participating company) will be charged 25,- € if imposed 3 weeks prior to the start of the event.

7 Confirmation of your registration

Credit card charges are confirmed immediately if successfully approved.
Bank transfers are confirmed upon receipt of full payment.

8 Refund/Credit Notes

Refunds to credit card can be done immediately if payment had been done by credit card and details are available. Refunds to bank accounts can be done if payment had been done by bank transfer and the following details are provided:

a) Name of your bank b) IBAN number c) Swift/BIC code

9 Substitutions

If a participant is unable to attend, substitutions are welcome at any time. Changes are free of charge until 3 weeks prior to the start of the event. After this date, there will be a charge of € 50 per name change.

10 For assistance contact: Antje Petzholdt, PDA Europe

Tel: + 49 30 4365508-10

Email: petzholdt@pda.org

THANK YOU FOR YOUR COOPERATION!

The Parenteral Drug Association presents...

PDA Europe Upcoming Activities and Events

2015

15-16 September	Pharmaceutical Freeze Drying Technology	Conference, Exhibition	Munich Germany
17 September	<i>ICH Q9: Application of a Risk-based Approach to Freeze Drying Processes</i>	<i>Training Course</i>	
17-18 September	<i>Development of a Freeze Drying Process – From Formulation to a Robust Process –</i>	<i>Training Course</i>	
22-23 September	8th Workshop on Monoclonal Antibodies	Workshop, Exhibition	Berlin Germany
24-25 September	<i>CMC Regulatory Compliance for Biopharmaceuticals</i>	<i>Training Course</i>	
6-7 October	Pharmaceutical Cold & Supply Chain Logistics	Conference, Exhibition	Amsterdam The Netherlands
8-9 October	<i>Good Cold Chain Practices</i>	<i>Training Course</i>	
2 November	<i>Smart Medication: Where Electronics meet Drug Delivery</i>	<i>Pre-Conference Workshop</i>	
2 November	<i>Innovative Combination Products</i>	<i>Pre-Conference Workshop</i>	
2 November	<i>Secondary Packaging for Parenterals</i>	<i>Pre-Conference Workshop</i>	
3-4 November	The Universe of Pre-filled Syringes & Injection Devices	Conference, Exhibition	Vienna Austria
5 November	<i>Test Methods for Pre-filled Syringe Systems</i>	<i>Training Course</i>	
5 November	<i>Elastomers</i>	<i>Workshop</i>	
5-6 November	<i>Development and Manufacturing of a Pre-filled Syringe</i>	<i>Training Course</i>	
5-6 November	<i>A Tale of Two Materials: What the Glass vs. Polymer Debate Really Means</i>	<i>Training Course</i>	
17-18 November	Outsourcing / Contract Manufacturing	Conference, Exhibition	Copenhagen Denmark
19 November	<i>Outsourcing, Technology Transfer, and CMO-Client Relationship</i>	<i>Workshop</i>	
1-2 December	Vaccines	Conference, Exhibition	Berlin Germany

For latest info: <https://europe.pda.org>

Subject to change

Shortlist

9 September 2015

Additional training courses will accompany most conferences. For details, please use the QR-Code or go to www.europe.pda.org

For general information please contact:

PDA Europe gGmbH
Am Borsigturm 60
13507 Berlin, Germany
Tel: +49 30 4365508-0
Fax: +49 30 4365508-66
Email: info-europe@pda.org

For exhibition information please contact:

Creixell Espilla-Gilart
Exhibition & Sponsorship
Manager
PDA Europe
Tel: +49 30 4365508-14
Email: espilla@pda.org



europe.pda.org

