

















# 2022 PDA Universe of Pre-Filled Syringes and Injection Devices Conference

## EXHIBITOR BUYER'S GUIDE



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# PDA THANKS OUR DIAMOND SPONSOR



**Proven solutions**  
Redefining industry standards  
for self-injection devices

Visit us at Booth #400



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**SHL MEDICAL**

SHL Medical is a world-leading designer, developer, and manufacturer of drug delivery devices such as autoinjectors and pen injectors. We work with pharma and biotech companies to develop reusable and disposable injectors that can accommodate various volumes and viscosities, as well as connected technologies for next-generation healthcare.

[shl-medical.com](http://shl-medical.com) | [View full company abstract >](#)

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Syringes and Injection  
Devices Conference

# 2022 EXHIBITS COMMITTEE



## CHAIR

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*Veltek Associates, Inc.*

**Alison Caballero**  
*PDA*

**David Hall**  
*PDA*

This Buyer's Guide is designed to help you maximize your experience at the *2022 PDA Universe of Pre-Filled Syringes and Injection Devices Conference*. We are excited to finally be welcoming you back to this in person meeting! Use the **Schedule-at-a-Glance** to build your own Conference itinerary. The **Exhibitor Abstracts** and **listing of Exhibitors by categories** of product and service offerings will make it easier for you to navigate the Exhibit Hall and to select those Exhibitors with which you want to connect. The *2022 PDA Universe of Pre-Filled Syringes and Injection Devices Conference* will deliver the high-quality content, premier attendee experience, and networking opportunities you have come to expect. Take advantage of the return to face-to-face interaction with thought leaders, peers, vendors, and suppliers at this premier event.





## Committed to Drug Delivery Excellence

Meet us @ BD Booth #500

Learn more at [drugdeliversystems.bd.com](https://drugdeliversystems.bd.com)



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# PDA THANKS OUR PLATINUM SPONSOR



BD Medical – Pharmaceutical Systems provides pharmaceutical and biotech companies across the globe with a broad range of parenteral drug delivery systems: glass/plastic pre-fillable syringes, safety systems and advanced drug delivery solutions. We support product launch and life cycle management through a comprehensive set of services and solutions that help you from development all the way through to launch.

[drugdeliversystems.bd.com](https://drugdeliversystems.bd.com)


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# SCHEDULE-AT-A-GLANCE

All times listed in EDT (UTC -4)


## TUESDAY, 18 OCTOBER

-  07:00 – 08:30  
**Continental Breakfast**


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-  08:00 – 10:00  
**P1: Opening Plenary**


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-  10:00 – 10:45  
**Refreshment Break, Tech Talks, and Poster Presentations in the Exhibit Hall**


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-  10:45 – 12:15  
**P2: Lessons in Effective Drug-Device Development Partnering**


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-  12:15 – 13:30  
**Networking Lunch and Tech Talks in the Exhibit Hall**


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-  13:30 – 15:00  
**Concurrent Sessions**


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-  15:00 – 15:45  
**Refreshment Break, Tech Talks, and Poster Presentations in the Exhibit Hall**

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-  15:45 – 17:15  
**Concurrent Sessions**

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-  19:00 – 22:00  
**Reception**

## WEDNESDAY, 19 OCTOBER

-  07:00 – 08:30  
**Continental Breakfast**

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-  07:15 – 08:15  
**Concurrent Breakfast Sessions**

---

-  08:30 – 10:00  
**P3: Patient Focus: Opportunities and Lessons Learned from Device Development and Market Introduction**

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-  10:00 – 10:45  
**Refreshment Break and Poster Presentations in Exhibit Hall**

---

-  10:45 – 12:15  
**Concurrent Sessions**

---

-  12:15 – 13:30  
**Networking Lunch and Tech Talks in the Exhibit Hall**

---

-  13:30 – 15:00  
**Concurrent Sessions**

---

-  15:00 – 15:45  
**Refreshment Break and Poster Presentations in the Exhibit Hall**

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-  15:45 – 17:30  
**P4: Investing in the Future**

\* For latest agenda, visit the conference App



In 2019, AstraZeneca and Matchstick partnered to bring the first ever patient experience to the PDA Universe of Pre-filled Syringes and Injection Devices Conference. This year we're planning to return with two new patient speakers who will be sharing their experiences with self-injection face to face with attendees. Be sure to reserve your time slot before they fill up.



# Go for proven solutions.



## Speed up time-to-market with customised platform products.

- Modular and proven platform technologies reducing time-to-clinic and time-to-market
- Clearly differentiated products based on innovative and patented technical solutions
- User-tested designs to improve patient compliance
- Industrialised for large-scale manufacturing
- Swiss quality

For more information visit [www.ypsomed.com/yds](http://www.ypsomed.com/yds)

Ypsomed AG // Brunnmattstrasse 6 // 3401 Burgdorf // Switzerland  
T +41 34 424 41 11 // [info@ypsomed.com](mailto:info@ypsomed.com)

**YPSOMED**  
SELF CARE SOLUTIONS



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**YPSOMED**  
SELF CARE SOLUTIONS

With more than 35 years' experience, Ypsomed is the global leader in the development of innovative injection systems. We offer this experience to our pharma clients together with comprehensive services tailored to their requirements. Ypsomed Delivery Systems (YDS) provides a complete range of technologies and services for reliable and user-friendly injection systems for self-medication.

[ypsomed.com](http://ypsomed.com)

[View full company abstract >](#)

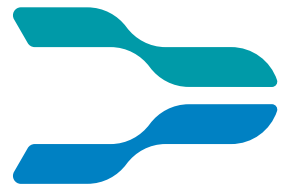
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# THANK YOU TO OUR SPONSORS!

PDA extends a special thank you to the following companies for their generous support of the *2022 PDA Universe of Pre-filled Syringes and Injection Devices Conference*



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Booth 400

## PLATINUM SPONSORS



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# Lonza

Booth 921



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Booth 613

## BRONZE SPONSORS



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# The New Normal ... Going Above and Beyond Components.



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West is a leading manufacturer of packaging components and delivery systems for injectable drugs and healthcare products. Working by the side of customers, West creates products that promote efficiency, reliability, and safety. With locations around the globe, West's products are designed to improve the delivery of healthcare to patients daily.

[westpharma.com](https://www.westpharma.com)

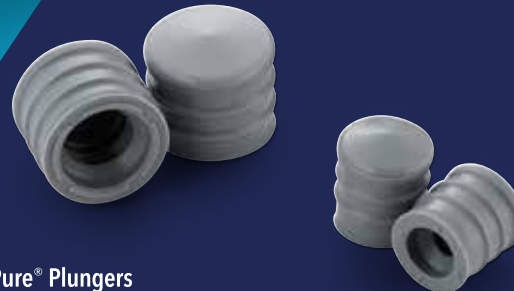
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### Daikyo Crystal Zenith® Insert Needle Syringe System

*Break-resistant polymer of choice to protect sensitive biologics better than glass*

Available in 1 and 2.25 mL sizes



### NovaPure® Plungers

*Superior quality plungers designed to optimize injection performance by reducing packaging variability*

Available in 1 mL and 1-3 mL plunger sizes

The theme for this year's 2022 PDA Universe of Pre-Filled Syringes and Injection Devices Conference – *The New Normal in Injectable Drug Delivery* – alludes to the rapidly changing environment confronting drug makers. Regulatory requirements and evolving market trends are driving pharmaceutical manufacturers to increase their agility and flexibility, especially when accommodating the challenges of commercializing a new drug delivery device.

At West, we've been a leading provider of innovative, high-quality injectable solutions and services for almost 100 years. Throughout our history, we have gone above and beyond to drive the kind of innovation necessary to keep up with emerging trends in life science and manufacturing. Nowhere is this more evident than in our NovaPure® components and in our Daikyo Crystal Zenith® Insert Needle Syringe system, both of which deliver the highest quality while mitigating risk.

You can explore both of these products – and more – at **Booth 713**, where West's product specialists will be on hand to answer questions and explain features and benefits. In the meantime, visit our website to learn more about our NovaPure and Daikyo Crystal Zenith product lines.



[WestPharma.com](https://www.WestPharma.com)

**Come See Us at Booth 713**

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Crystal Zenith® is a registered trademark of Daikyo Seiko, Ltd. Crystal Zenith® is licensed from Daikyo Seiko, Ltd.

#11677 • 0722

# TECH TALK INFORMATION

Tech Talk presentations will be held in the Exhibit Hall during lunch and refreshment breaks. Here, our vendors and suppliers will be making technical presentations on a variety of topics to help you tackle your technical challenges and improve your operations.

## TUESDAY, 19 OCTOBER

### MORNING BREAK

10:10 – 10:20

#### The NeoFlex Family is Expanding!

**Carina Van Eester**, Global Platform Leader  
**Datwyler Pharma Packaging**

In addition to small volume syringe components, large volume plungers are also becoming increasingly important in the support of recent developments in the device world.

Self-administration in drug delivery has become more important since the Covid-19 pandemic. Besides traditional pen and auto-injectors, more and more devices have been developed to handle volumes above 3 ml.

Since the NeoFlex technology is able to coat a large range of plunger diameters and designs, Datwyler is helping, besides the device and barrel developers, to support this new trend.

10:25 – 10:35

#### Excellence through Simplicity: PiccoJect Autoinjector Platform

**Chris Muenzer**, Vice President Innovation & Development  
**Haselmeier, a medmix Brand**

PiccoJect™ is a highly compact, customizable, and fully featured two-step autoinjector designed for subcutaneous delivery of drug products. "Excellence through simplicity" sums up our development approach, resulting in a design that is compact, user focused, future-proofed, and sustainable.

It all starts with an extremely low part count which reduces manufacturing and scale up challenges. This combined with a parallel layout allows for larger diameter springs, which enables optimized spring forces for any standard 1ml long or 2.25ml pre-filled syringes.

Thanks to a compact flat form and ergonomic shape, PiccoJect™ is easy to grip and hold. It features a large wrap-around drug window which facilitates visual inspection. A colored status indicator provides easy-to-understand binary information about the usage status. Audible clicks at the start and end of injection help to ensure that the user holds the device in place until the full dose has been injected.

The design of PiccoJect™ is future proofed by incorporating multiple connectivity options to integrate into a digital ecosystem.

Finally, PiccoJect™ is designed to have a low carbon intensity as a standard offering by utilizing materials with sustainable feedstocks, investment in green electricity, and development of regional supply chains for the US and European market.

### LUNCH BREAK

12:25 – 12:35

#### Large Volume Subcutaneous Injection Clinical Patterns Based on Demographics, Site & Delivery

**Wendy D. Woodley**, Staff Scientist II  
**BD Technologies and Innovation**

This presentation will explore the relationship between clinical subject gender and BMI to large volume subcutaneous (LVSC) injection depot location, corresponding tissue effects and their resolution. Discussion will include assessment of the impact of injection site and delivery modality (spring-based, constant rate) on depot location and the corresponding trends in subject pain perception. Attendees will leave with an understanding of the influence of patient demographics, injection site, and delivery modality on the physiological effects and tolerability of LVSC injections, potentially informing clinical outcomes and delivery system design.

12:40 – 12:50

#### LCA – Driving Sustainable Drug Delivery Device Design

**Isobel Filipova**, Design Engineer-Sustainable Product Development  
**Owen Mumford**

Discussing the issues, barriers, and opportunities of LCA (Life-cycle Analysis). Presenting our customized software solution built in partnership with a world-leading sustainability consultancy, and how it enables us to make the right product development choices from early concept stage through to on market drug delivery devices.

12:55 – 13:05

#### Aidaptus®: Bringing an Innovative Auto-Injector to Market through Industry Collaboration

**Steven Kaufman**, Vice President of Drug Delivery Systems  
**Stevanato Group**

Stevanato Group recently announced an exclusive manufacturing collaboration with Owen Mumford for the Aidaptus® auto-injector, bringing world-class device expertise together with premium manufacturing capabilities. This presentation will introduce some of the benefits of this innovative 2-step auto-injector platform for 1mL and 2.25mL pre-filled syringes, as well as discussing how the collaboration brings added value to pharmaceutical and biotech companies. Topics include streamlining device production, reducing risk in the supply-chain and enabling faster time to market through an integrated solution for pharmaceutical and biotech companies.

In addition to manufacturing support for Aidaptus®, Stevanato Group provides final assembly equipment, from bench-top solutions to high-volume, fully automated production lines, as well as market-leading pre-filled syringes such as Alba® EZ-fill® for biologics.

13:10 – 13:20

#### Streamline Drug Development by Reducing Packaging Variability

**Tibor Hlobik**, Sr. Director, Product Technology Services  
**West Pharmaceutical Services, Inc.**

From development to launch of a new injectable drug product, companies face complex decisions, and their outcomes can impact time to market in a highly competitive market. One of the most important decisions is selecting the right elastomer component to meet your application needs. Key factors, including design, quality, functionality, platform, and proven track record, must be considered when choosing the right product that minimizes associated risk factors.

Learn how the West NovaPure® primary packaging solution fulfills complex requirements, is the perfect fit for all phases of development, and can become your best defense against unnecessary risk.

### AFTERNOON BREAK

15:10 – 15:20

#### Ypsomed TechTalk

**Florian Krummenacher**, Innovation & Business Development  
**Ypsomed**

Ypsomed will be providing updates on its latest large volume injection innovations and how its smart solutions are supporting pharma's growing therapy management needs.

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## WEDNESDAY, 19 OCTOBER

### MORNING BREAK

10:10 – 10:20

#### Expanding Uses for the Aria Smart Autoinjector

**Kevin Deane**, Vice President, Platform Innovation  
**Phillips-Medisize, a Molex Company**

The Phillips-Medisize Aria Smart Autoinjector is targeted to deliver solutions in standard 1ml and 2.25ml prefilled syringes. Yes, it's electronic. Yes, it's reusable. Yes, it's connected. But did you know that we offer three models? The basic Aria is ready to go. Aria can also be customized to provide your different patients and brand teams with a unique look and feel. And, if that is not enough, there is Aria+, equipped with a color display that provides your patients with a range of individual controls and displays. In this session, Phillips-Medisize will provide an overview of the different Aria models to help you determine what best fits your requirements.

10:30 – 10:40

#### Viscala® – Breaking Boundaries in Injectable Drug Delivery – A Case Study

**Gemma Wood**, Head of Innovation  
**Recipharm**

The injectable drug delivery landscape has transformed over the last two decades; this presentation explores some of the historical challenges and changes – and what further boundaries may continue to be broken in the coming years. Throughout the history of this field of drug delivery, norms have been challenged and routinely overcome by collaboration between pharma, device, and primary packaging suppliers:

- Advances in pre-filled syringe technologies and sophistication enabled the move from vial-based presentations to pre-filled syringes
- Assumptions over a maximum 1ml delivery volume were challenged – and now there is a proliferation of >1ml dosages, primary packs, and devices to facilitate this
- Until relatively recent times, most injectable drug product formulations were “limited” to aqueous viscosities

Each time a challenge has been presented, collaborations have resulted in advanced technologies that collectively meet the needs of pharma, device/primary pack companies – and most crucially – the patients. The Viscala® technology platform is one of the latest evolutions of Bespak delivery devices, facilitating delivery of >2ml of drug product with viscosities of 100's; 1000's – and even 10,000cps. This presentation provides a case study of the pharma and user needs that drove this development; and the technology solutions that were created to meet those needs.

### LUNCH BREAK

12:25 – 12:35

#### An Introduction to Cybersecurity for Connected Devices

**Paul Draper**, Senior Sector Manager –  
Medical and Scientific  
**DCA Design International**

We are all increasingly aware of the importance of securing our digital information. Most of us communicate, work, shop, bank, and socialize extensively in the digital space, and this trend is also revolutionizing the provision of our healthcare services.

Whilst we have lived with electronically programmable medical devices for decades, what is now different is the widespread integration of these devices with cell phones and home networks. This integration significantly increases the vulnerability of personal medical data to unauthorized access and raises the very serious prospect that malicious attacks could be made that disrupt the operation of devices that are critical to the health and well-being of patients.

Whether inadvertently or deliberately, it is clear that cyberattacks have the potential to inflict serious harm on patients. In response, regulators expect that cybersecurity vulnerabilities are adequately identified and addressed by developers and manufacturers of all electronically programmable medical devices.

In this short tech talk, DCA's Paul Draper will explain how the cybersecurity of connected drug delivery devices should be considered as part of a multi-disciplinary approach to risk management.

12:40 – 12:50

#### Holistic Cleanroom Concept: Reaching Higher Quality and Greater Flexibility

**Henrik Oberle**, Vice President  
Development Service  
**Vetter**

Pharmaceutical service providers will require increased flexibility and face more stringent requirements for microbial and particulate contamination control. Consequently, this will increase the demand for production technologies that can meet the stringent quality and safety requirements as well as sufficient built-in versatility to anticipate future format, packaging and manufacturing needs. New approaches like Vetter's V-CRT® create manufacturing processes that meet the ever-evolving demands of the world's dynamic healthcare market.

12:55 – 13:05

#### A Platform of Solutions for Pre-filled Syringe Biotech Drug Delivery

**Audrey Chardonnet**, Global Business  
Development Director  
**Aptar Pharma**

Primary packaging plays a critical role in the development of new drugs. When working with sensitive molecules such as monoclonal antibodies or polypeptides, it is essential that the primary packaging and its components ensure the long-term protection of the drug. Aptar Pharma presents a PFS platform of solutions for vaccines, biotech drugs and biosimilars manufacturers. Leveraging 50 years of rubber formulation development and the latest manufacturing technologies, our PremiumCoat plungers for 1mL and 1-3mL pre-filled syringes combine our state-of-the-art Bromobutyl formulation with a market proven ETFE film to limit the number and quantity of extractables and leachables that may compromise drug integrity. As a leader on the market for rigid Needle Shield, Aptar Pharma has developed a range of formulations, including type I rubber and thermoplastic elastomers designed to offer optimal protection for the drug. Our latest products include RNS for 8mm needles for sub-cutaneous delivery, as well as unique designs developed for improved integration in auto-injectors for drug developers who focus on patient comfort and self-injection. Aptar Pharma expands its manufacturing capabilities in France, in the U.S., and in China to ensure security of supply for manufacturers who chose PFS.

13:10 – 13:20

#### Smart Autoinjector Platform for Accelerating Design

**Salvatore Forte**, Innovation Manager  
**Flex**

Flex Innovation Manager Salvatore Forte highlights a new smart autoinjector platform for combination devices designed to help pharma companies accelerate time-to-market, reduce costs and boost reliability, as well as improve patient compliance.

Features include:

- A drug delivery engine that can manage/identify multiple drugs
- Temperature monitoring for the management of less painful injections
- A skin sensor for the best placement on the injection site
- Voice control through an advanced touchless user interface that recognizes sequences of human speech and translates them into operative commands
- Support for low-power Bluetooth and CatM1/NB-IoT connectivity to mobile phones or the cloud for managing information about drugs delivered and related therapy.
- Modular firmware composed of an Application Layer, allowing customization to meet unique medical device OEM requirements, and built on top to a predeveloped, tested standard part.



Enabling a Healthier World

Drug Product

**Lonza**  
 Biologics

# Drug Product Services

## Leading Edge Solutions

Your global partner for development, manufacturing, and testing. Discover how Lonza's 360° lifecycle expertise offers flexibility in clinical and commercial supply. The people powering biologics.

- Fully integrated development and manufacturing solutions
- Multiple primary packaging formats in vials or PFS
- Clinical and commercial supply
- Comprehensive drug product and medical device testing

[lonza.com](https://lonza.com)


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## Lonza

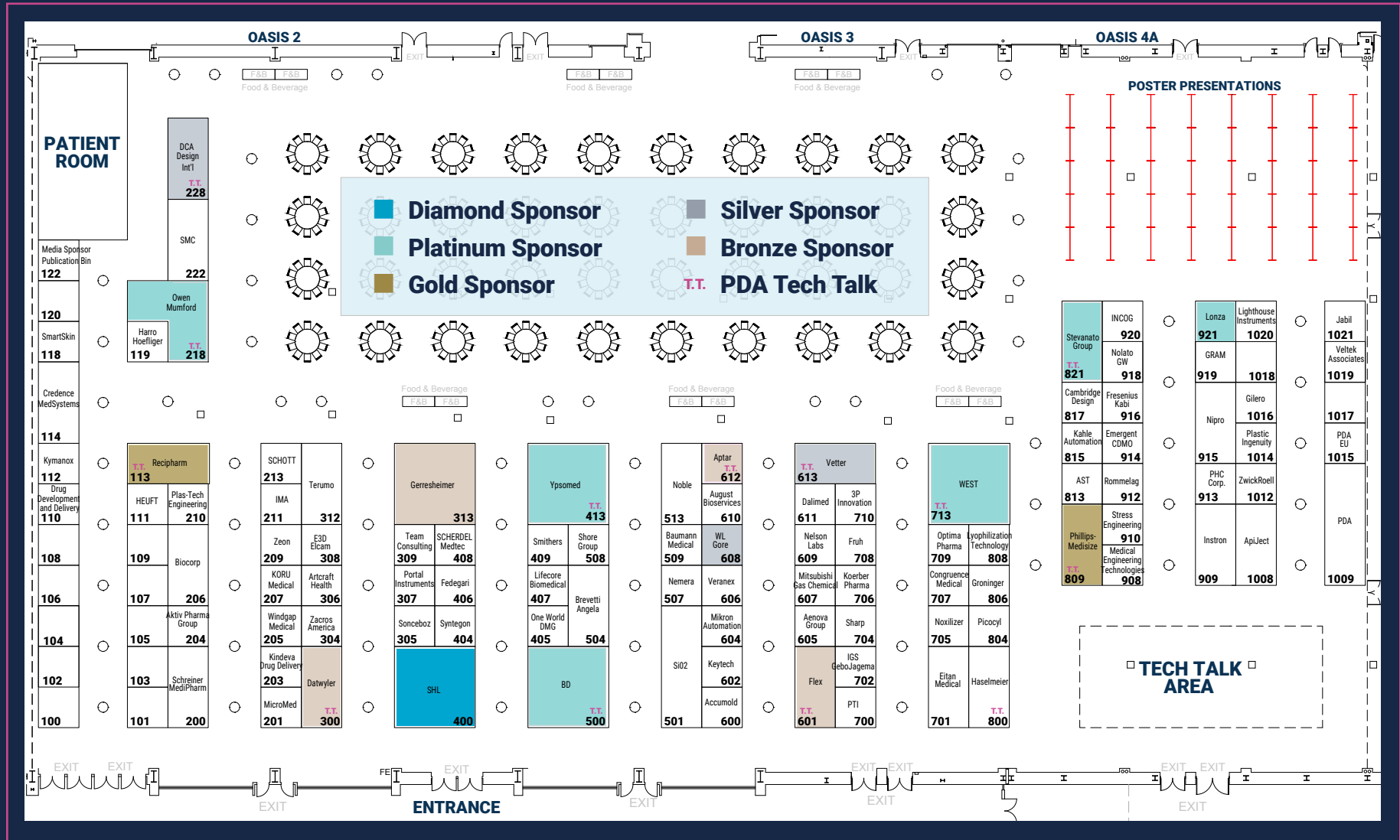
Lonza is recognized as a CDMO leader for reliable, high-quality services, global capacity, innovative technology platforms and extensive experience. We serve pharmaceutical and biotechnology companies globally striving to help reduce risk and increase chances of success. Our broad capabilities span from pre-clinical to commercialization, for both drug-substance and -product.

[lonza.com](https://lonza.com)
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# FLOOR PLAN

PALM SPRINGS CONVENTION CENTER OASIS BALLROOM 2-3





**Your trusted  
partner for contract  
manufacturing services  
of drug delivery devices**

At Stevanato Group, we understand the rigorous requirements to produce components and sub-assemblies for drug delivery systems. Leading players trust our state-of-the-art manufacturing capabilities and scalable production solutions within the pen injector, auto-injector, wearable, and inhaler markets.

Visit us at

**PDA - Universe of  
Pre-filled Syringes  
Booth 821**

October 18-19 2022  
Palm Spring, US



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Stevanato Group is a leading global provider of drug containment, drug delivery, and diagnostic solutions to the pharmaceutical, biotechnology, and life sciences industries. Its core capabilities in scientific research and development and its engineering excellence are central to its ability to offer value added solutions to clients.

[stevanatogroup.com](https://stevanatogroup.com)

[View full company abstract >](#)



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# COMPANY ABSTRACTS

## 3P INNOVATION

### Booth 710

Tournament Fields, Bosworth Ave., Warwick, England CV34 6UQ, United Kingdom  
+44 01926408933 | [3pinnovation.com](http://3pinnovation.com) | [enquiries@3pinnovation.com](mailto:enquiries@3pinnovation.com)

#### CATEGORIES

*Aseptic Processing | Container Closure | Fill/Finish | Pharmaceutical Equipment | Process Automation*

3P innovation is a UK-based engineering and custom automation company that specializes in aseptic powder and liquid fill/finish equipment. They work collaboratively with customers to help develop novel products, devices, and production processes. 3P's pharma equipment brand supports customers' full product lifecycle: from initial drug development activities, through clinical stage manufacturing and onto commercial scale production.

## ACCUMOLD

### Booth 600

1711 SE Oralabor Rd., Ankeny, IA 50021  
+1 (515) 964-5741 | [accu-mold.com](http://accu-mold.com) | [micromolding@accu-mold.com](mailto:micromolding@accu-mold.com)

#### CATEGORIES

*Contract Manufacturing*

Accumold® is a high-tech manufacturer of precision micro injection molded parts that range in size from 5cm to parts that are less than 1mm in size. Processes include insert molding, clean room molding, 2-shot molding, and custom automated manufacturing cells. Materials include PEEK, Ultem, and LCP. Markets include Micro Electronics, Medical, Micro Optics, Sensors, and other emerging technologies.

## AENOVA

### Booth 605

8009 Industrial Village Rd., Greensboro, NC 27409  
+1 (786) 393-8985 | [aenova-group.com/en](http://aenova-group.com/en)

#### CATEGORIES

*Contract Manufacturing | Contract Packaging Services | Fill/Finish | Lyophilization | Pre-filled Syringes*

CDMO services provider, services include manufacturing and development of all dosage forms and potency levels (ranging from nutraceuticals to high-potents) out of 15 sites in Europe and the U.S. With our many years of experience, innovative technologies, and highest quality standards, we are a reliable, long-term partner to pharmaceutical and consumer healthcare customers, both in the human and veterinary healthcare market.

## AKTIV PHARMA GROUP

### Booth 204

100 Technology Dr., Suite 200A, Broomfield, CO 80021  
+1 (720) 828-8088 | [aktivpharmagroup.com](http://aktivpharmagroup.com) | [info@aktivpharmagroup.com](mailto:info@aktivpharmagroup.com)

#### CATEGORIES

*Combination Products | Drug-Delivery Systems | Fill/Finish | Packaging Science, Container Development | Polymers*

Aktiv Pharma Group is a vertically integrated specialty pharmaceutical company with CDMO capabilities, developing, manufacturing, and commercializing combination products in a portfolio of proprietary, value-added, glass-free prefilled delivery systems. Aktiv is spearheading the transition from conventional glass primary drug packaging to high-barrier, flexible polymer film containers.

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# COMPANY ABSTRACTS

## APIJECT

**Booth 1008**

2 High Ridge Park, Stamford, CT 06905

+1 (203) 998-6176 | [apiject.com](http://apiject.com)

### CATEGORIES

*Aseptic Processing | Drug-Delivery Systems | Fill/Finish | Pre-filled Syringes | Supply Chain Management*

ApiJect's mission is to make injectable medicine safe and available for everyone. We are a rapidly growing medical technology company revolutionizing how the world fills, finishes, and delivers injectable medicines and vaccines. The ApiJect Design Platform brings together simple, interconnecting components to create scalable drug delivery devices for all markets.

## APTAR PHARMA

**BRONZE SPONSOR**

**TECH TALK PARTICIPANT**

**Booth 612**

250 North Rte. 303, Congers, NY 10920

+1 (845) 639-3700 | [aptar.com](http://aptar.com)

### CATEGORIES

*Analytical Equipment/Services | Biotech | Container Closure | Packaging Science, Container Development | Stoppers and Elastomers*

For Pharma injectables customers worldwide, Aptar Pharma is the go-to drug delivery expert, from formulation to patient, providing best-in-class components and services. Our PremiumCoat® coated component platform and solutions for PFS and auto-injector applications accelerate time to market, improving millions of patients' lives every day across numerous injectable application fields. We continue expanding our manufacturing capabilities to ensure long-term security of supply.

**Aptar**  
pharma

## ARTCRAFT HEALTH

**Booth 306**

39 Hwy. 12, Flemington, NJ 08822

+1 (570) 977-9370 | [artcrafthealth.com](http://artcrafthealth.com)

### CATEGORIES

*Clinical Trial Materials | Packaging Science, Container Development | Pharmaceutical Training | Training Materials and Services*

Artcraft Health specializes in the innovative design, development, and testing of medical demo devices and supportive training materials that ensure certainty of use. With education at the core, our goal is to help patients build the necessary skills and knowledge for successful onboarding and adherence.

## AST

**Booth 813**

4110 S. Washington St., Tacoma, WA 98409

+1 (253) 475-0200 | [ast-inc.com](http://ast-inc.com) | [marketing@ast-inc.com](mailto:marketing@ast-inc.com)

### CATEGORIES

*Aseptic Processing | Fill/Finish | Pharmaceutical Equipment | Processing Equipment | Sterile Processing*

AST's line of aseptic fill-finish systems provides solutions for every stage of drug development through commercial production. From semi-automated to fully robotic systems, each of our flexible products can process vials, syringes, and cartridges on a single machine with simple change parts.





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# COMPANY ABSTRACTS

## AUGUST BIOSERVICES

**Booth 610**

1845 Elm Hill Pike, Nashville, TN 37210

+1 (615) 515-5404 | [augustbio.com](http://augustbio.com)

### CATEGORIES

*Contract Manufacturing | Fill/Finish | Lyophilization | Pre-filled Syringes | Vials*

August Bioservices is a U.S.-based, quality-driven CDMO that offers end-to-end drug research and development, cGMP laboratory services, and sterile fill/finish cGMP manufacturing to clients of all sizes and stages, from pre-clinical to commercial, all under one roof.

Focus areas: sterile injectables, topicals, high-complexity formulations

Fill/finish capabilities: syringes, cartridges, vials, bottles, IV bags (clinical and commercial scale)

Other capabilities: Lyophilization, TS

## BAUMANN SPRINGS USA INC.

**Booth 509**

3075 No. Great Southwest Pkwy. 100, Grand Prairie, TX 75050

+1 (415) 528-6811 | [baumann-medical.com](http://baumann-medical.com) | [medical@baumann-group.com](mailto:medical@baumann-group.com)

### CATEGORIES

*Combination Products | Drug-Delivery Systems | Pre-filled Syringes | Product Development Services | Syringes*

BAUMANN is a leading spring and stamping manufacturer. The group has 11 production sites around the globe, where more than 1,700 people design and produce technically sophisticated products. The ISO 13485 certified medical division of BAUMANN addresses the needs of the medical and pharmaceutical industry. A specialized team is looking forward to supporting you in your projects.

## BD MEDICAL – PHARMACEUTICAL SYSTEMS

**PLATINUM SPONSOR**

**TECH TALK PARTICIPANT**



**Booth 500**

1 Becton Dr., Franklin Lakes, NJ 07417

+1 (800) 225-3310 | [drugdeliversystems.bd.com](http://drugdeliversystems.bd.com)

### CATEGORIES

*Combination Products | Consulting Services | Drug-Delivery Systems | Pre-filled Syringes | Stoppers and Elastomers*

BD Medical – Pharmaceutical Systems provides pharmaceutical and biotech companies across the globe with a broad range of parenteral drug delivery systems: glass/plastic pre-fillable syringes, safety systems and advanced drug delivery solutions. We support product launch and life cycle management through a comprehensive set of services and solutions that help you from development all the way through to launch.

## BESPAK BY RECIPHARM

**Booth 113**

Bergen Way, King's Lynn, Norfolk, England PE30 2JJ, United Kingdom

+44 1553691000 | [bespak.com](http://bespak.com) | [info@recipharm.com](mailto:info@recipharm.com)

### CATEGORIES

*Blow/Fill/Seal | Contract Manufacturing | Fill/Finish | Lyophilization*

Bespak by Recipharm offers highly innovative design, development, and manufacturing capabilities for injectable drug delivery devices to the global pharmaceutical market, offering a range of auto-injectors with our proprietary VapourSoft® technology.

Keeping the end-user in mind, we produce auto-injectors designed to facilitate patient-friendly administration and overcome formulation challenges, particularly for high viscosity formulations.

# COMPANY ABSTRACTS

## BIOCORP

### Booth 206

PT Lavour La Bechade, ISSOIRE, Auvergne 63500, France  
+33 0473557050 | biocorpsys.com | info@biocorp.fr

#### CATEGORIES

*Contract Manufacturing | Drug-Delivery Systems | Fill/Finish |  
Product Development Services | Software*

For 25 years, BIOCORP has been developing and manufacturing medical devices for the pharmaceutical industry, enhancing drug reconstitution, packaging, and delivery. Recognized for its expertise in device R&D, BIOCORP has integrated software development capacities to deliver connected drug delivery systems to meet evolving patients' needs and improve medication adherence.

## BREVETTI ANGELA SRL

### Booth 504

Via Industria 99, Arzignano (VI), Veneto 36071, Italy  
+39 0444474200 | brevettiangela.com | sales@brevettiangela.com

#### CATEGORIES

*Aseptic Processing | Blow/Fill/Seal | Packaging Equipment | Pharmaceutical Equipment |  
Pre-filled Syringes*

Founded in 1977, BREVETTI ANGELA is a global leading manufacturer of aseptic primary packaging systems on Blow Fill Seal technology. BREVETTI ANGELA's renowned SYFPAC® machines are the preferred system of pharmaceutical companies that are looking for high-quality, reliable, and cost-effective packaging for their parenteral solutions.

## CAMBRIDGE DESIGN PARTNERSHIP

### Booth 817

Church Rd., Toft, Cambridge, England CB23 2RF, United Kingdom  
+44 1223264428 | cambridge-design.com

#### CATEGORIES

*Combination Products | Consulting Services | Drug-Delivery Systems |  
Product Development Services | Software*

Cambridge Design Partnership is an end-to-end innovation partner. We build breakthrough products and services – from insight to ideas, prototypes to production. Our Drug Delivery sector focuses on injection systems, including auto injectors, pen injectors, wearable (OBDS) devices and infusion pumps, as well as Digital Health applications, including connected drug delivery devices, diagnostics/biomarker devices, app development, and cloud services.

## CONGRUENCE MEDICAL SOLUTIONS, LLC

### Booth 707

3000 Falls Rd., Suite 200A, Baltimore, MD 21211  
+1 (216) 272-5521 | congruencemed.com

#### CATEGORIES

*Drug-Delivery Systems | Pre-filled Syringes | Product Development Services | Syringes | Vials*

We aim to optimize the potential of injectable drugs that have emerging and hard-to-address delivery needs. We do this by designing, developing, and supplying innovative, flexible drug delivery device platforms. Our growing portfolio addresses compelling problems, including microliter dosing, viscous drug delivery, multi-dosing, variable dosing and minimizing drug waste.

To see how we can meet your needs, visit: [congruencemed.com](http://congruencemed.com).

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# COMPANY ABSTRACTS

## CREDESCENCE MEDSYSTEMS, INC.

**Booth 114**

1430 O'Brien Dr., Suite D, Menlo Park, CA 94025  
+1 (619) 993-9810 | CredenceMed.com

### CATEGORIES

*Biopharmaceuticals | Biotech | Combination Products | Drug-Delivery Systems | Pre-filled Syringes*

Credence MedSystems offers our pharma partners a simplified path to commercialization of a best-in-class delivery system with the Companion Safety Syringe System. The Companion lineup includes a staked needle, luer needle and dual chamber reconstitution system, all providing automatic needle-retraction & reuse prevention while using standard commercially available primary package components.

## DALI MEDICAL DEVICES

**Booth 611**

6 Nahal Harif St., POB 13223, Yavne, HaDarom 8122503, Israel  
+972 83730080 | dalimed.com | info@dalimed.com

### CATEGORIES

*Combination Products | Contract Manufacturing | Drug-Delivery Systems | Pre-filled Syringes | Product Development Services*

DALI Medical Devices develops drug delivery technologies and devices from product concept to commercialization since 2003. We develop and customize products to meet specific end-user and high-volume manufacturing requirements. Our devices offer a value-added method to deliver and differentiate injectable drugs. For patients, our unique injectors reduce the perception of pain, lessen anxiety, and improve adherence to treatment plans.

## DATWYLER PHARMA PACKAGING USA



**BRONZE SPONSOR**

**TECH TALK PARTICIPANT**

**Booth 300**

9012 Pennsauken Hwy., Pennsauken, NJ 08110  
+1 (856) 663-2202 | datwyler.com/campaigns/healthcare-us

### CATEGORIES

*Container Closure | Drug-Delivery Systems | Pre-filled Syringes | Syringes | Vials*

Datwyler provides high-quality, system-critical elastomer components and has a leading position in the global healthcare market. Within the healthcare solutions business area, Datwyler develops, designs, and manufactures solutions for injectable packaging and drug delivery systems to facilitate customers to create a safer medical environment. With more than 100 years of history, we're a reliable partner, now and in the future!

## DCA DESIGN INTERNATIONAL



**SILVER SPONSOR**

**TECH TALK PARTICIPANT**

**Booth 228**

19 Church St., Warwick, England CV34 4AB, United Kingdom  
+44 01926499461 | dca-design.com | medical@dca-design.com

### CATEGORIES

*Consulting Services | Drug-Delivery Systems | Product Development Services | Software | Validation Services*

We offer comprehensive design, development, and analysis solutions for the medical devices industry. We are passionate about delivering world-class drug delivery devices.

Our ISO13485 certified services include research and strategy, mechanical engineering, usability, industrial design, electronics, medical device software to IEC62304, systems engineering, UX/UI development, and prototyping.



DCA



Helping our clients achieve success  
through great product design

Eco-design award winning reusable  
pen injector for concentrated insulin

[www.dca-design.com](http://www.dca-design.com)



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[dca-design.com](http://dca-design.com)

[View full company abstract >](#)

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# COMPANY ABSTRACTS

## DRUG DEVELOPMENT & DELIVERY

### MEDIA SPONSOR

#### Booth 110

219 Changebridge Rd., Montville, NJ 07045  
+1 (973) 263-5476 | drug-dev.com

#### CATEGORIES

*Biopharmaceuticals | Combination Products | Drug-Delivery Systems | Pre-filled Syringes | Syringes*

*Drug Development & Delivery* is a print and online provider that presents the latest scientific methods in drug development for professionals working in research and development, pre-formulation, formulation development, bioavailability enhancement, particle design, APIs, and analytical methods.

**Drug Development**  
& Delivery

## ELCAM E3D DRUG DELIVERY DEVICES

#### Booth 308

Meron Hagalil, Baram, HaZafon 1386000, Israel  
+972 772568677 | elcam3d.com

#### CATEGORIES

*Drug-Delivery Systems | Pre-filled Syringes | Product Development Services*

Elcam Drug Delivery Devices (E3D) is a subsidiary company of Elcam Medical, focused on the design, development, manufacturing, and supply of injectable drug delivery devices for self-administration and use in non-clinical environments. Its broad technology portfolio encompasses devices suitable for drugs in a range of primary containers - including auto-injectors, on-body patch pump injectors, and smart devices with wireless connectivity.

## EITAN MEDICAL

#### Booth 701

Yad Harutsum St. 29, Netanya, HaMerkaz 4250583, Israel  
+972 732388888 | eitanmedical.com | partnershipssorrel@eitanmedical.com

#### CATEGORIES

*Combination Products | Drug-Delivery Systems | Single Use Systems*

Eitan Medical develops connected, intuitive drug delivery and infusion solutions for use across the continuum of care. Eitan Medical's Sorrel™ wearable drug delivery platform presents the next generation of wearable drug delivery devices. Pre-filled and pre-loaded, the platform offers subcutaneous, easy, and efficient self-administration of large volume and high viscosity medications.

## EMERGENT CDMO

#### Booth 914

400 Professional Dr., Suite 400, Gaithersburg, MD 20879  
+1 (800) 441-4225 | emergentcdmo.com | cdmoebsi.com

#### CATEGORIES

*Biologics (Blood and Plasma Products) | Biopharmaceuticals | Contract Manufacturing | Fill/Finish | Lyophilization*

Emergent CDMO is dedicated to helping biopharma innovators bring life-saving therapies to patients throughout the world. As an end-to-end CDMO solutions provider, clients leverage our demonstrated expertise and integrated capabilities in process development, drug substance and drug product manufacturing to support their complex biologics from molecule-to-market. Contact us and let's get started on your next clinical or commercial candidate.



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# COMPANY ABSTRACTS

## FEDEGARI TECHNOLOGIES, INC.

### Booth 406

1228 Bethlehem Pike, Sellersville, PA 18960  
+1 (215) 620-7100 | fedegari.com/en/

#### CATEGORIES

*Aseptic Processing | Clean Room Equipment and Supplies | Quality by Design | Sterilization Sciences | Washers*

At Fedegari, our vision is to redefine aseptic solutions through quality, innovation, and technology. We build the best sterilization, washing, and decontamination processing technology to create innovative solutions, and provide unparalleled service. By leveraging the strength of our people, our deep industry expertise, and our commitment to quality, we strive to be the partner of choice to drive customer success.

## FLEX

### BRONZE SPONSOR

### TECH TALK PARTICIPANT

### Booth 601

6201 America Center Dr., San Jose, CA 95002  
+1 (408) 576-6700 | flex.com/healthcare | HealthSolutions@flex.com

#### CATEGORIES

*Combination Products | Contract Manufacturing | Drug-Delivery Systems | Product Development Services | Supply Chain Management*

Through the collective strength of a workforce across 30 countries, Flex delivers technology, supply chain, and manufacturing solutions to various industries. Flex Health Solutions focuses on design, development, and manufacturing solutions for pharmaceutical and MedTech companies, including extensive work in injection pens, autoinjectors, and wearable pumps. Our approach is supported by FDA-registered, ISO 13485 compliant and ISO 11608-1 accredited facilities.



## FRESENIUS KABI CONTRACT MANUFACTURING

### Booth 916

2020 N. Ruby St., Melrose Park, IL 60160  
+1 (708) 953-6105 | cmo.fresenius-kabi.com | cmo@fresenius-kabi.com

#### CATEGORIES

*Aseptic Processing | Contract Manufacturing | Fill/Finish | Pre-filled Syringes | Vials*

Fresenius Kabi Contract Manufacturing is a global leader in the contract development and filling & finishing of sterile pharmaceuticals. Because we are part of Fresenius Kabi, we offer our customers access to the expertise of more than 20 Research & Development facilities worldwide.

## FRÜH VERPACKUNGSTECHNIK AG

### Booth 708

Allmendstrasse 47, Fehraltorf, Zurich 8320, Switzerland  
+41 582582358 | fruh.ch/en | sales@fruh.ch

#### CATEGORIES

*Contract Manufacturing | Contract Packaging Services | Quality & Regulatory | Sterile Processing | Validation Services*

We offer comprehensive services for medical contract packaging solutions – from cleaning, assembling, and packaging to sterilizing implants. For pharmaceutical contract packaging, we offer manual and automated packaging solutions, including serialization and aggregation. Traceability and documentation are guaranteed. Our processes are validated and certified. The contract packaging and production of packaging can take place in accordance with ISO7 cleanroom conditions.

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# COMPANY ABSTRACTS

## GERRESHEIMER AG

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**Booth 313**

Klaus-Bungert-Straße 4, 40468 Düsseldorf, Nordrhein-Westfalen 40468, Germany  
+49 2116181330 | [gerresheimer.com/en/home](http://gerresheimer.com/en/home) | [info@gerresheimer.com](mailto:info@gerresheimer.com)

### CATEGORIES

*Contract Manufacturing | Drug-Delivery Systems | Pre-filled Syringes | Quality & Regulatory | Vials*

Gerresheimer is a leading global partner to the pharma and healthcare industry. With our specialty glass and plastic products, we contribute to health and well-being. We have worldwide operations, and about 10,000 employees. We manufacture our products in markets close to our customers. We generate annual revenues of approximately EUR 1.4 billion.



## GILERO

**Booth 1016**

635 Davis Dr., Suite 100, Morrisville, NC 27560  
+1 (336) 963-1065 | [gilero.com](http://gilero.com)

### CATEGORIES

*Syringes*

Gilero provides end-to-end services in design, development and contract manufacturing in the medical device and drug delivery/combination product markets. With an expanding global footprint, Gilero utilizes years of industry experience and in-house engineering talent to design, develop and manufacture everything from consumable medical devices to complex electromechanical drug delivery systems.

## WL GORE

**SILVER SPONSOR**

**Booth 608**

402 Vieve's Way, Elkton, MD 21921  
+1 (410) 506-7539 | [gore.com/products/improject-silicone-free-syringe-plunger](http://gore.com/products/improject-silicone-free-syringe-plunger) | [pharmbio@wlgore.com](mailto:pharmbio@wlgore.com)

### CATEGORIES

*Biopharmaceuticals | Combination Products | Container Closure | Pre-filled Syringes | Stoppers and Elastomers*

A global materials science company, Gore collaborates with pharmaceutical companies to design materials-based solutions that fit their requirements for product purity, process effectiveness, and device performance. Our newest innovation, the GORE ImproJect Plunger for pre-filled syringes protects sensitive biologics from silicone-induced particle formation and protein aggregation since Gore has eliminated the need for silicone in both the plunger and barrel.



## GRAND RIVER ASEPTIC MANUFACTURING (GRAM)

**Booth 919**

140 Front Ave. SW, Grand Rapids, MI 49504  
+1 (317) 502-3020 | [grandriverasepticmfg.com](http://grandriverasepticmfg.com)

### CATEGORIES

*Biopharmaceuticals | Contract Manufacturing | Fill/Finish | Monoclonal Antibodies | Vaccines*

Grand River Aseptic Manufacturing, Inc., a modern parenteral contract development and manufacturing organization with advanced technology, delivers customized solutions to meet clients' fill and finish needs from development through commercialization. With capabilities for biologics, small molecules and vaccines, Grand River Aseptic Manufacturing's elite equipment and staff supports pharmaceutical development and cGMP manufacturing, analytical testing, and regulatory filing.



# COMPANY ABSTRACTS

## GRONINGER

Booth 806

14045 South Lakes Dr., Charlotte, NC 28273

+1 (704) 295-9000 | [groninger-group.com/en/](http://groninger-group.com/en/) | [info@groningerusa.com](mailto:info@groningerusa.com)

### CATEGORIES

*Aseptic Processing | Fill/Finish | Labeling & Coding | Packaging Equipment | Pharmaceutical Equipment*

groninger designs and manufactures fill/finish processing lines for pharmaceutical, consumer healthcare, and cosmetic industries. Our core competency is the design and manufacture of customized, turnkey aseptic liquid fill/finish lines which include cleaning, sterilization, filling and closing of vials, eye drops, syringes, cartridges, and combination devices. All services provided are turnkey.

## HARRO HÖFLIGER

Booth 119

Helmholtzstrasse 4, Allmersbach im Tal, Baden-Wurttemberg 71573, Germany

+49 71915010 | [hoefliger.com](http://hoefliger.com) | [info@hoefliger.de](mailto:info@hoefliger.de)

### CATEGORIES

*Cell Therapy | Drug-Delivery Systems | Packaging Equipment | Pharmaceutical Equipment | Pre-filled Syringes*

Harro Höfliger Verpackungsmaschinen GmbH is a globally acting technology leader for engineered production solutions in the pharmaceuticals and medical sectors. The family run company with more than 1,300 employees is internationally recognized for its customer-oriented process solutions and turnkey competence from lab to production.

## HASELMEIER GMBH

TECH TALK PARTICIPANT

Booth 800

Vaihinger Strasse 48, Stuttgart, Baden-Wurttemberg 70567, Germany

+49 16093869417 | [haselmeier.com/en/](http://haselmeier.com/en/)

### CATEGORIES

*Disposables | Drug-Delivery Systems | Pre-filled Syringes | Product Development Services | Single Use Systems*

Haselmeier, part of medmix, is an established brand in the healthcare market for more than 100 years. Haselmeier is recognized for development and production of innovative self-injection devices. Working primarily on behalf of pharmaceutical and biotechnology companies to improve patients' lives with easy-to-use and precisely dosed pens and autoinjectors, Haselmeier offers the full range of services to create high-quality self-injection systems.

## HEUFT USA INC.

Booth 111

2820 Thatcher Rd., Downers Grove, IL 60515

+1 (630) 556-2100 | [heuft.com/en/](http://heuft.com/en/)

### CATEGORIES

*Inspection Systems | Inspection Trends*

Quality, safety, and efficiency: this is what matters when filling and packaging food, drinks, and pharmaceuticals! The modular solutions from HEUFT SYSTEMTECHNIK GMBH put these key factors into practice simply and effectively. They ensure, during maximum productivity, that only perfect products reach the market.

# COMPANY ABSTRACTS

## IGS GEBOJAGEMA

Booth 702

Esp 430, Eindhoven, AJ NL-5633, Netherlands  
+1 (727) 480-0047 | [igsgebojagema.nl](http://igsgebojagema.nl)

### CATEGORIES

*Combination Products | Contract Manufacturing | Disposables | Drug-Delivery Systems | Quality by Design*

IGS GeboJagema has been delivering “high precision molds” for some of the most successful Insulin pens, Auto-Injectors, Pre-filled syringes, Metered Dose Inhalers, and Diagnostic products in the marketplace. Industry leaders come to IGS with their toughest product challenges to help people’s health. Our problem-solving mindset, proven track record in the Healthcare industry, ensures you the highest quality for your device.

## IMA S.P.A.

Booth 211

Via Emilia 428-442, Ozzano, Dell, Bologna, Emilia-Romagna 40064, Italy  
+1 (716) 695-6354 | [ima.it/pharma/brands/ima-life/](http://ima.it/pharma/brands/ima-life/)

### CATEGORIES

*Aseptic Processing | Fill/Finish | Isolation Technology | Lyophilization | Sterile Processing*

A global supplier of automated processing equipment for vials, ampoules, and syringes. Equipment range includes rotary and linear washers, depyrogenation tunnels, liquid and powder fillers, freeze-dryers, loading/unloading systems, isolators, cappers, and labelers. We provide solutions for laboratory, pilot, and commercial processing needs.

## INCOG BIOPHARMA SERVICES

Booth 920

12050 Exit Five Pkwy., Fishers, IN 46037  
+1 (317) 809-5736 | [incogbiopharma.com](http://incogbiopharma.com) | [info@incogbiopharma.com](mailto:info@incogbiopharma.com)

### CATEGORIES

*Aseptic Processing | Contract Manufacturing | Fill/Finish | Packaging Equipment | Pre-filled Syringes*

INCOG has been designed and built from decades of experience with a clear purpose: to deliver better CDMO services in the injectable drug product space. The Company’s service offering includes filling drug product into vials, syringes, and cartridges. INCOG also offers support services including formulation development, analytical development, stability testing and storage, and final inspection, labeling, packaging, and device assembly.

## INSTRON, A DIVISION OF ILLINOIS TOOL WORKS, INC.

Booth 909

825 University Ave., Norwood, MA 02062  
+1 (781) 828-2500 | [instron.us](http://instron.us) | [info@instron.com](mailto:info@instron.com)

### CATEGORIES

*Analytical Equipment/Services | Calibration Services | Instruments & Controls | Software*

Instron manufactures and services a wide range of materials testing equipment used by scientists, engineers, and quality control managers. Our systems are used in industry, academia, and government to evaluate mechanical properties and performance of raw materials, components, and products. Due to the scope of its operations and variety of products, Instron is considered the world’s leading materials testing company.

# COMPANY ABSTRACTS

## JABIL HEALTHCARE

### Booth 1021

10800 Roosevelt Blvd. N, St. Petersburg, FL 33716  
+1 (408) 421-6198 | [jabil.com/industries/healthcare.html](http://jabil.com/industries/healthcare.html)

#### CATEGORIES

*Contract Manufacturing | Drug-Delivery Systems | Process Automation | Product Development Services | Supply Chain Management*

Jabil Healthcare is the industry's largest, most comprehensive healthcare solutions and capabilities provider — giving our customers access to an array of engineering, design, and manufacturing solutions across multiple sectors in the healthcare industry. In the face of challenging technology and value-based mandates, we are committed to customer-centric operational excellence driving positive patient outcomes.

## KAHLE AUTOMATION

### Booth 815

89 Headquarters Plz. N., 3rd Floor, Morristown, NJ 07960  
+1 (973) 993-1850 | [kahleautomation.com](http://kahleautomation.com) | [Kahle@KahleAutomation.com](mailto:Kahle@KahleAutomation.com)

#### CATEGORIES

*Combination Products | Disposables | Drug-Delivery Systems | Packaging Equipment | Process Automation*

Kahle is a global company focused on the supply of custom automation solutions for the Medical Device and Pharmaceutical Industries. Kahle dedicates 182,500 engineering hours per year designing automation. Kahle's services include custom equipment design, system integration, parts feeding, material and package handling, and equipment validation for all types of medical devices, drug delivery and combination products.

## KEY TECH

### Booth 602

40 E. Cross St., Baltimore, MD 21230  
+1 (410) 385-0200 | [keytechinc.com/get-in-touch/](http://keytechinc.com/get-in-touch/) | [TalkToUs@keytechinc.com](mailto:TalkToUs@keytechinc.com)

#### CATEGORIES

*Combination Products | Drug-Delivery Systems*

Key Tech was founded in 1998 to design and develop new complex electro-mechanical devices and systems for medical applications. Located in downtown Baltimore, MD, Key Tech employs 60 engineers and designers who transform complex technologies into intuitive, user-friendly medical devices.

## KINDEVA DRUG DELIVERY

### Booth 203

11200 Hudson Rd., Woodbury, MN 55129  
+1 (800) 643-8086 | [kindevadd.com](http://kindevadd.com) | [contactus@kindevadd.com](mailto:contactus@kindevadd.com)

#### CATEGORIES

*Combination Products | Contract Manufacturing | Contract Research | Drug-Delivery Systems | Vaccines*

Your Complex Drug Delivery Partner.

Kindeva is the pharmaceutical contract research, development, and manufacturing organization (CRDMO) that brings the expertise, vision, and capabilities to help you realize your drug's full potential.

# COMPANY ABSTRACTS

## KÖRBER PHARMA NORTH AMERICA

**Booth 706**

1001 Aviation Pkwy., Suite 200, Morrisville, NC 27560

koerber.com/en/pharma

### CATEGORIES

*Aseptic Processing | Biotech | Consulting Services | Inspection Systems | Packaging Equipment | Software | Supply Chain Management*

Körber's Business Area Pharma delivers the difference for companies that need to produce and package medicines quickly, safely, and at the highest level of quality. Thanks to our expertise, decades of experience, and market leadership in many areas, we offer the right solutions for the pharmaceutical and biotech industries.

## KORU MEDICAL SYSTEMS

**Booth 207**

24 Carpenter Rd., Chester, NY 10918

+1 (973) 919-4358 | korumedical.com

### CATEGORIES

*Biopharmaceuticals | Drug-Delivery Systems | Pre-filled Syringes | Syringes | Training Materials and Services*

KORU designs and manufactures easy-to-use infusion systems for 10+ ml volume therapies. Our proven Freedom Syringe Infusion Systems (consisting of two syringe drivers, flow rate tubing and subQ needles) are FDA cleared for SCIg and IV antibiotics. As an industry leader with 30+ years of experience, KORU supports the entire drug lifecycle, from development and compliance to production and quality.

## KYMANOX

**Booth 112**

4105 Hopson Rd., Suite 146, Morrisville, NC 27560

+1 (919) 246-4896 | kymanox.com

### CATEGORIES

*Biotech | Packaging Science, Container Development | Product Development Services | Quality & Regulatory | Software*

Kymanox is your life science solutions partner with a diverse team of experts who know how to connect the dots and make sure you have the right end-to-end solutions for your modern medicine development & commercialization challenges. We are experts in providing our clients in the combination products, biologics/pharmaceutical, and medical device industries with support from early development to post-market.

## LIFECORE BIOMEDICAL

**Booth 407**

3515 Lyman Blvd., Chaska, MN 55364

+1 (952) 368-6321 | lifecore.com

### CATEGORIES

*Contract Manufacturing | Fill/Finish | Pre-filled Syringes | Syringes | Vials*

Lifecore Biomedical is a fully integrated Contract Development and Manufacturing Organization (CDMO) offering expertise in specialty formulation, aseptic filling, and final packaging of complex medical devices and injectable pharmaceuticals. We manufacture FDA-approved commercial products at three cGMP facilities. We've also been a leading manufacturer of pharmaceutical-grade, non-animal-sourced hyaluronic acid (HA) since 1981 when we developed our proprietary, fermentation-based HA process.

# COMPANY ABSTRACTS

## LIGHTHOUSE INSTRUMENTS, LLC

Booth 1020

2050 Avon Ct., Charlottesville, VA 22902

+1 (434) 293-3081 | lighthouseinstruments.com

### CATEGORIES

*Analytical Equipment/Services | Container Closure | Instruments & Controls | Packaging Science, Container Development | Pharmaceutical Cold Chain*

Lighthouse Instruments, LLC is a leading global provider of laser-based, non-destructive headspace analysis systems for leak detection, moisture monitoring, in-process oxygen monitoring, and media fill inspection. Our product lines include laboratory instruments and fully automated systems for monitoring headspace oxygen, moisture, pressure, and carbon dioxide in sealed parenteral containers. Our measurement services business supports product, package, and process development efforts.

## LONZA

PLATINUM SPONSOR

Booth 921

Riehenring 656, 4058 Basel, Basel-Stadt 4058, Switzerland

+41 792651699 | lonza.com

### CATEGORIES

*Biologics (Blood and Plasma Products) | Biotech | Cell Therapy*

Lonza is recognized as a CDMO leader for reliable, high-quality services, global capacity, innovative technology platforms and extensive experience. We serve pharmaceutical and biotechnology companies globally striving to help reduce risk and increase chances of success. Our broad capabilities span from pre-clinical to commercialization, for both drug-substance and -product.

# Lonza

## LYOPHILIZATION TECHNOLOGY, INC.

Booth 808

30 Indian Dr., Ivyland, PA 18974

+1 (215) 396-8373 | lyotechnology.com | inquiry@lyo-t.com

### CATEGORIES

*Blow/Fill/Seal | Consulting Services | Contract Manufacturing | Fill/Finish | Lyophilization*

Lyophilization Technology, Inc. is a Contract Development and Manufacturing Organization. The company conducts applied research, provides comprehensive scientific services and technical support ranging from developing new freeze-dried products and processes, streamlining operations to improving compliance, and manufactures clinical supplies for freeze dried pharmaceuticals, biologics, diagnostics, biopharmaceuticals, and fine chemicals.

## MEDICAL ENGINEERING TECHNOLOGIES LTD.

Booth 908

Unit 16, Holmestone Rd., Dover, England CT17 0UF, United Kingdom

+44 1304213223 | met.uk.com | Sales@met.uk.com

### CATEGORIES

*Analytical Labs/Stability | Consulting Services | Drug-Delivery Systems | Extractables and Leachables | Pre-filled Syringes*

MET has 25 years' experience delivering reliable, accurate testing for effective design validation and batch release for the medical/pharmaceutical industries across the world. MET has a deep understanding of medical devices and pharmaceutical products, especially their performance. We specialize in the verification of combination and drug delivery products with ISO 17025 accredited labs. Additional services: E&L, BEPs, Transit studies, etc.

# COMPANY ABSTRACTS

## MICROMED CO., LTD.

### Booth 201

11F 115 Xingde Rd., Sanchong, New Taipei City, New Taipei 241458, Taiwan  
(Republic of China)  
+886 285112501 | micromed.com.tw/

#### CATEGORIES

*Animal Health/Veterinary Products | Combination Products | Drug-Delivery Systems | Product Development Services | Single Use Systems*

MicroMED Co., Ltd. is a MEMS (MicroElectroMechanical Systems) design house specializing in the development of micro injection devices targeting unmet needs in the most challenging drug delivery applications.

## MIKRON AUTOMATION

### Booth 604

8100 S. Potomac St., Englewood, CO 80112  
+1 (303) 364-5222 | mikron.com/automation-solutions/ | salesmde@mikron.com

#### CATEGORIES

*Clean Room Equipment and Supplies | Combination Products | Packaging Equipment | Pharmaceutical Equipment | Processing Equipment*

Mikron Automation is the leading partner for scalable and customized assembly systems. Mikron's expertise and proven track record guarantee the most productive solution to assemble customer products at each stage of their lifecycle. Within MedTech and pharma markets, it provides solutions to drug delivery and combination product manufacturers from proof-of-principle studies through clinical pilot lines to fully automated solutions.

## MITSUBISHI GAS CHEMICAL

### Booth 607

Mitsubishi Building, 5-2 Marunauchi 2, Chiyoda-ku, Tokyo 100 8324, Japan  
+81 332834913 | mgc.co.jp/eng/

#### CATEGORIES

*Packaging Science, Container Development | Polymers | Vials*

Mitsubishi Gas Chemical (MGC) is a leading company in the field of functional chemicals such as oxygen barrier and absorbing polymers. MGC established Advanced Business Development Division in 2015 for tackling a variety of today's problems, and the division created OXYCAPT™ Multilayer Plastic Vial to solve some issues of existing primary packaging for injectable drugs.

## NELSON LABS NV

### Booth 609

Romeinsestraat 12, Leuven, Vlaams-Brabant 3001, Belgium  
+32 496124777 | nelsonlabs.com | InfoEurope@nelsonlabs.com

#### CATEGORIES

*Analytical Labs/Stability | Consulting Services | Extractables and Leachables | Pre-filled Syringes | Vials*

Based in Belgium, Nelson Labs Europe specializes in providing premium Extractables & Leachables testing services to the pharmaceutical and medical device industries. We also support pharmaceutical companies across the globe in developing worldwide compliance testing strategies to qualify container/closure applications and pharmaceutical production equipment from an Extractables & Leachables perspective.

# COMPANY ABSTRACTS

## NEMERA

### Booth 507

20, Avenue de la Gare, La Verpilliere, Rhone-Alpes 38290, France  
+33 618297286 | nemera.net | information@nemera.net

#### CATEGORIES

*Combination Products | Contract Manufacturing | Disposables | Drug-Delivery Systems | Pre-filled Syringes*

As a world-leading drug delivery device solutions provider, our purpose of putting patients first enables us to design and manufacture devices that maximize treatment efficacy. We are a holistic partner and help our customers succeed in the sprint to market of their combination products. From early device strategy to state-of-the-art manufacturing, we're committed to the highest quality standards.

## NIPRO PHARMAPACKAGING

### Booth 915

1200 N. 10th St., Millville, NJ 08332  
+1 (856) 825-1400 | nipro-pharmapackaging.com |  
pharmapackaging@nipro-group.com

#### CATEGORIES

*Drug-Delivery Systems | Glass Containers/Products | Pre-filled Syringes | Single Use Systems | Vials*

Nipro Pharmapackaging is specialized in developing and manufacturing advanced pharma packaging products and complete packaging solutions for early development drugs or enhancement of packaging solutions of existing drugs. With a worldwide manufacturing footprint of 16 plants, multiple sales offices, and lab services, Nipro offers an exceptional service platform.

## NOBLE INTERNATIONAL

### Booth 513

121 S. Orange Ave., Suite 1070 North, Orlando, FL 32801  
+1 (954) 778-0057 | gonoble.com

#### CATEGORIES

*Consulting Services | Contract Manufacturing | Pharmaceutical Training | Product Development Services | Training Materials and Services*

Noble is a patient-centric leader in medical device training solutions. Noble has expertise in human factors, market insights, and design and engineering to develop, manufacture and commercialize training solutions for patients who self-administer drug therapies. Our solutions include training devices that mimic the form and function of the drug delivery devices and include autoinjectors, prefilled syringes, nasal, and pulmonary devices.

## NOLATO GW, INC.

### Booth 918

239 Pleasant Ave., Bethel, VT 05032  
+1 (248) 224-3699 | nolato.com/en/Group-companies/Nolato-GW-Bethel

Our offering in developing and producing polymer-based products comprises everything from concept development, product design and process optimization, to high-volume production, post-processing, assembly and logistics. We partner and work closely with customers, and involvement at an early stage allows us to help develop sustainable, successful, cost-effective products that are ready to manufacture.

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# COMPANY ABSTRACTS

## NOXILIZER, INC.

Booth 705

1334 Ashton Rd., Suite E, Hanover, MD 21076  
+1 (443) 842-4403 | noxilizer.com

### CATEGORIES

*Biological Indicators | Combination Products | Pre-filled Syringes | Sterilization Sciences | Validation Services*

Noxilizer is fast-growing medical technology company that provides ultra-low temperature nitrogen dioxide sterilization. Our customers are the leading global pharmaceutical, biotech, and medical device companies developing the next generation of products. Noxilizer products and services include feasibility studies, consulting, validation, sterilization equipment, consumables, and customer and technical service. Noxilizer's headquarters are in Hanover, MD. For more information, please visit: noxilizer.com.

## ONDRUGDELIVERY

MEDIA SPONSOR



The Candlemakers, West St., LEWES, England BN7 2NZ, United Kingdom  
+44 1273472828 | ondrugdelivery.com | info@ondrugdelivery.com

### CATEGORIES

*Combination Products | Drug-Delivery Systems | Glass Containers/Products | Pre-filled Syringes | Syringes*

Established in 2004 at the inaugural Universe of Prefilled Syringes Conference in Hanover, Germany, *ONdrugDelivery* is the publication that focuses on a specific topic within drug delivery with each issue. It's published in print and digitally, has a readership of >30,000, and is a trusted source for pharma/biotech professionals who need to keep updated about the global drug delivery industry.

## ONE WORLD DMG

Booth 405

30 Technology Dr., Warren, NJ 07059  
+1 (908) 447-5351 | oneworlddmg.com

### CATEGORIES

*Pharmaceutical Training | Training Materials and Services*

One World DMG is the leading provider of injection trainers to the commercial device and pharmaceutical industries. Our patented-technology trainers offer patients and HCPs the most authentic experience possible and promote compliance and better outcomes. Auto injectors, pens, pre-filled syringes, wearables, respiratory devices, packaging kits, and video/print IFUs are designed by our award-winning designers and engineers and manufactured in ISO13485 facility.

## OPTIMA PHARMA USA

Booth 709

1330 Contract Dr., Green Bay, WI 54304  
+1 (920) 983-3128 | optima-packaging.com/en-us/pharma

### CATEGORIES

*Aseptic Processing | Fill/Finish | Packaging Equipment*

The Optima Pharma Division plans, develops and produces filling, closing, and process technology for pharmaceutical products requiring the highest cleanliness standards. This is characterized by high process reliability and flexibility. Optima Pharma's extensive turnkey portfolio is completed by pharmaceutical freeze-drying, isolators as well as isolated filling equipment and processing isolators for cell and gene applications.



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# COMPANY ABSTRACTS

## OWEN MUMFORD LTD.

PLATINUM SPONSOR

TECH TALK PARTICIPANT

Booth 218/121

Brook Hill, Woodstock, Oxfordshire, OX20 1TU, United Kingdom

+44 1993812021 | [ompharmaservices.com](http://ompharmaservices.com) | [pharmaservices@owenmumford.com](mailto:pharmaservices@owenmumford.com)

### CATEGORIES

#### *Drug-Delivery Systems*

With more than 70 years' experience in medical devices, Owen Mumford Pharmaceutical Services specializes in the design, development, and manufacture of injectable drug delivery systems for the pharmaceutical, biotech, and generics industries. Our trusted devices are used daily in the delivery of various medications for a multitude of conditions across the globe.



## PARENTERAL DRUG ASSOCIATION (PDA)

Booth 1009

4350 East West Hwy., Suite 600, Bethesda, MD 20814

+1 (301) 656-5900 | [pda.org](http://pda.org) | [info@pda.org](mailto:info@pda.org)

### CATEGORIES

#### *Biopharmaceuticals | Training Materials and Services*

The Parenteral Drug Association (PDA) is the leading global provider of science, technology, and regulatory information and education for the pharmaceutical and biopharmaceutical community. Founded in 1946 as a nonprofit organization, PDA is committed to developing scientifically sound, practical technical information and resources to advance science and regulation through the expertise of more than 10,500 members worldwide.

## PATIENT ROOM BY ASTRAZENECA AND MATCHBOX



In 2019, AstraZeneca and Matchstick partnered to bring the first ever patient experience to the PDA Universe of Pre-filled Syringes and Injection Devices Conference. This year we're planning to return with two new patient speakers who will be sharing their experiences with self-injection face to face with attendees. Be sure to reserve your time slot before they fill up.

## PDA EUROPE GMBH

Booth 1015

Am Borsigturm 60, Berlin, Berlin 13507, Germany

+49 3043655080 | [pda.org](http://pda.org) | [expo-europe@pda.org](mailto:expo-europe@pda.org)

### CATEGORIES

#### *Biopharmaceuticals*

PDA is the leading global provider of science, technology, and regulatory information. We create awareness and understanding of important issues facing the pharmaceutical and biopharmaceutical community and deliver high-quality, relevant education to the industry. PDA has been committed to developing scientifically sound, practical technical information and expertise to advance pharmaceutical/biopharmaceutical manufacturing science and regulation, so members can better serve patients.



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2-step single-use auto-injector platform

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Aidaptus® dynamically adapts to a range of different drug fill volumes with no changed parts, using **auto-adjust plunger technology**

Your fill volume may change, with Aidaptus® your auto-injector doesn't need to

1mL pre-filled syringe



0.3mL - 1mL\*

2.25mL pre-filled syringe



0.5mL - 2.0mL\*



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### See our auto-adjust plunger technology in action

Find out more by scanning the QR code or visiting  
[ompharmaservices.com/PDA-2022](https://ompharmaservices.com/PDA-2022)



Now in collaboration with  Stevanato Group

\*In addition to an air bubble & overfill  
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OMPS/pda22/ad/ob/1022/7

 OWEN MUMFORD  
Pharmaceutical Services

 INTO THE FUTURE  
WITH CONFIDENCE  
AND CONSCIENCE



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OWEN MUMFORD

Pharmaceutical Services

With more than 70 years' experience in medical devices, Owen Mumford Pharmaceutical Services specializes in the design, development, and manufacture of injectable drug delivery systems for the pharmaceutical, biotech, and generics industries. Our trusted devices are used daily in the delivery of various medications for a multitude of conditions across the globe.

[ompharmaservices.com](https://ompharmaservices.com)

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# COMPANY ABSTRACTS

## PHC CORPORATION OF NORTH AMERICA

### Booth 113

1300 N. Michael Dr. Suite A, Wood Dale, IL 60191  
+1 (630) 694-8200 | phchd.com/global

We contribute to the wellbeing of society through our diligent efforts by creating new value propositions for all the people who wish for better health.

"Healthcare with Precision" sums up PHC's vision of supporting all who aspire to good health with precision products created using high-level technology.

PHC supplies devices and services to medical care sites utilizing our precision technologies from the desire to support doctors in their diagnoses and, in turn, the health of patients.

## PHILLIPS-MEDISIZE

**GOLD SPONSOR**

**TECH TALK PARTICIPANT**

### Booth 809

1201 Hanley Rd., Hudson, WI 54016  
+1 (877) 508-0252 | phillipsmedisize.com | PMCInfo@molex.com

#### CATEGORIES

*Contract Manufacturing | Drug-Delivery Systems | Product Development Services*

Phillips-Medisize, a Molex company, has extensive experience collaborating with companies to develop drug delivery, diagnostic, or medical technology devices end-to-end, from design to a final manufactured product. Visit our team to explore how our global team can create the right solution – well beyond today's standard products – that can make a meaningful difference for patients. Visit [phillipsmedisize.com](http://phillipsmedisize.com).



## PICOCYL LLC

### Booth 804

150 Capital Dr., Suite 470, Golden, CO 80401  
+1 (484) 432-3753 | picocyl.com

#### CATEGORIES

*Biopharmaceuticals | Combination Products | Contract Manufacturing | Drug-Delivery Systems | Pre-filled Syringes*

Picocyl enables the future of drug delivery and special applications through innovative device design and gas-powered solutions for the medical and pharmaceutical markets. Our USA-based, state-of-the-art, cleanroom manufacturing facilities support medical-grade quality, performance, reliability, efficacy, compliance, and for optimal manufacturability. Our organizational core competency to envision and bring to market new solutions solving today's and tomorrow's drug delivery challenges.

## PLAS-TECH ENGINEERING/EQUINOX PREFILLABLE SYRINGES

### Booth 210

875 Geneva Pkwy. N, Lake Geneva, WI 53147  
+1 (262) 248-2379 | [plastechengineering.com](http://plastechengineering.com) | [sales@plastechengineering.com](mailto:sales@plastechengineering.com)

#### CATEGORIES

*Contract Manufacturing | Fill/Finish | Filtration | Pre-filled Syringes | Syringes*

Plas-Tech Engineering's Equinox manufactures glass replacement syringes/ drug cartridge for use with various injection devices. Standard and custom configurations made of COC or COP plastics. Our silicone free option offers near zero break force, low newton glide and the highest chemical resistance for use with many new drug formulations. SmarTub ISO nested syringes are available in standard and customized options.



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## Bringing Possibilities to Life

### Launch Faster with Trusted Support

#### Time-tested design, development, and manufacturing

You have an excellent idea — maybe even a design or prototype. But getting that product in patients' hands will take a wide range of capabilities. That's where Phillips-Medisize, a Molex company, comes in. For decades, organizations ranging from startups to global brands have trusted us to accelerate product realization across complex, highly regulated industries.



Get started today at  
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Phillips-Medisize, a Molex company, has extensive experience collaborating with companies to develop drug delivery, diagnostic, or medical technology devices end-to-end, from design to a final manufactured product. Visit our team to explore how our global team can create the right solution – well beyond today's standard products – that can make a meaningful difference for patients. Visit [phillipsmedisize.com](https://phillipsmedisize.com).

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# COMPANY ABSTRACTS

## PLASTIC INGENUITY

**Booth 1014**

1017 Park St., Cross Plains, WI 53528  
+1 (608) 220-6350 | [plasticingenuity.com](http://plasticingenuity.com)

Let's Shape Your Next Packaging Solution

With seven strategic locations, Plastic Ingenuity is one of the largest custom thermoformers in North America. Our experience, global reach, and genuine dedication to our customers allows us to bring your packaging vision to life, scale your product, and create a partnership that lasts beyond your product's lifecycle.

## PORTAL INSTRUMENTS, INC.

**Booth 307**

190 5th St., Cambridge, MA 02141  
+1 (617) 500-4348 | [portalinstruments.com](http://portalinstruments.com)

### CATEGORIES

*Biotech | Drug-Delivery Systems*

Portal Instruments is developing and commercializing a highly innovative needle-free jet injection platform that transforms the drug delivery experience for patients suffering from chronic disease. Our aim is to replace all needles and syringes with a safe, fast, and connected device and to become the standard for modern drug delivery.

## PTI INSPECTION SYSTEMS

**Booth 700**

8 Skyline Dr., Hawthorne, NY 10532  
+1 (973) 252-6039 | [ptiusa.com/home](http://ptiusa.com/home) | [info@ptiusa.com](mailto:info@ptiusa.com)

### CATEGORIES

*Inspection Systems | Pre-filled Syringes | QC/QA | Quality & Regulatory | Quality by Design*

PTI is a global leader in package testing equipment. We specialize in non-destructive package testing equipment for high-risk packaging applications. PTI's inspection technologies are deterministic test methods that produce reliable and robust quantitative test result data. We specialize in testing solutions for all parenteral and biologic products including vials, pre-filled syringes, cartridges, auto-injectors, blow-fill-seal, and other packaging formats.

## RECIPHARM AB

**GOLD SPONSOR**

**TECH TALK PARTICIPANT**

**Booth 113**

Box 603, Stockholm, Stockholms Lan 10132, Sweden  
+46 86025200 | [recipharm.com/homepage](http://recipharm.com/homepage) | [info@recipharm.com](mailto:info@recipharm.com)

### CATEGORIES

*Blow/Fill/Seal | Contract Manufacturing | Fill/Finish | Lyophilization | Pre-filled Syringes*

Recipharm offers highly innovative design, development, and manufacturing capabilities for injectable drug delivery devices to the global pharmaceutical market, offering a range of auto-injectors with our proprietary VapourSoft® technology.

Keeping the end-user in mind, we produce auto-injectors designed to facilitate patient-friendly administration and overcome formulation challenges, particularly for high viscosity formulations.

For more information on Recipharm, visit [recipharm.com](http://recipharm.com).





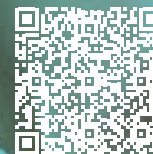
# PDA THANKS OUR GOLD SPONSOR

## Devices designed to meet your challenges and patient needs

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- ▶ Simple self-administration
- ▶ Customer and patient centricity

Meet us at PDA in Palm Springs, USA, booth 113 October 18–19, 2022 and discover what's possible in device design with Bepak by Recipharm.

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BOOK A MEETING!  
[recipharm.com/contact](https://recipharm.com/contact)



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Recipharm

Recipharm offers highly innovative design, development, and manufacturing capabilities for injectable drug delivery devices to the global pharmaceutical market, offering a range of auto-injectors with our proprietary VapourSoft® technology.

[recipharm.com/homepage](https://recipharm.com/homepage)

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# COMPANY ABSTRACTS

## ROMMELAG USA, INC.

Booth 912

27905 Meadow Dr., Suite 9, Evergreen, CO 80439

+1 (303) 674-8333 | rommelag.com/en/ | mail.romus@rommelag.com

### CATEGORIES

*Blow/Fill/Seal | Inspection Systems | Packaging Equipment | Pre-filled Syringes | Visual Inspection of Parenterals*

Rommelag Engineering is moving forward in the pharmaceutical industry in two primary ways: higher capacity and more efficient Blow/Fill/Seal (BFS) systems, leveraging our contract manufacturing resources to safely allow new products to utilize BFS technology designed to test and produce biological products: vaccines, antibodies, enzymes, and immunological substances.

## SAMEDAN LTD.

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44, Maiden Ln., London WC2E 7LN

+44 20 7724 3456 | samedanltd.com

Specialist pharmaceutical publisher Samedan Ltd is a dynamic, forward-thinking company, enjoying year-on-year growth with its market-leading titles for industry professionals. We have been producing a wide range of magazines for the global pharmaceutical arena since 1996, covering a broad range of hot topics including R&D, clinical trials, cutting-edge technology, manufacture, packaging, logistics, regulations, and industry.

## SCHERDEL MEDTEC GMBH & CO. KG

Booth 408

Scherdelstrasse 2, Marktredwitz, Bayern 95615, Germany

+49 9923160343 | medtec.scherdel.com

### CATEGORIES

*Contract Manufacturing | Drug-Delivery Systems | Outsourcing | Product Development Services*

SCHERDEL is a family-owned company with more than 6,500 employees, manufacturing springs, and stamping-bending parts. Our plants are located in all relevant markets for drug delivery devices. We aim to develop the perfect spring for the customer's solution (low and high viscosity drugs). The SCHERDEL idea of quality starts in the spring design process and accompanies the whole product life cycle.

## SCHOTT AG

Booth 213

Hattenbergstrasse 10, Mainz, Rheinland-Pfalz 55122, Germany

+49 6131665204 | schott.com/pharma

### CATEGORIES

*Glass Containers/Products | Packaging Science, Container Development | Polymers | Pre-filled Syringes | Syringes*

SCHOTT is a world-leading supplier of parenteral packaging, servicing the pharmaceutical, biotech, biopharmaceutical, diagnostic, analytical, dental, and ophthalmic markets. Products include glass and polymer pre-fillable syringes (bulk and sterile), cartridges, ampoules, vials, and innovative coated containers. Ready-to-use solutions are available to meet existing and new fill and finish equipment.

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# COMPANY ABSTRACTS

## SCHREINER MEDIPHARM

### Booth 200

300 Corporate Dr., Suite 10, Blauvelt, NY 10913  
+49 89315845400 | schreiner-medipharm.com | info@schreiner-medipharm.com

#### CATEGORIES

##### Labeling & Coding

Schreiner MediPharm is a leader in the development and manufacture of innovative specialty labels with value-added benefits for the healthcare industry. These products simplify dispensing and administering of pharmaceuticals, enhance drug safety and clearly reduce process costs. Thanks to its solutions expertise and specialized know-how, Schreiner MediPharm is a highly capable development partner and quality supplier to leading pharmaceutical companies.

## SHARP

### Booth 704

7451 Keebler Way, Allentown, PA 18106  
+1 (610) 395-5800 | sharpservices.com | info@sharpservices.com

#### CATEGORIES

*Biotech | Contract Packaging Services | Fill/Finish | Labeling & Coding | Pharmaceutical Cold Chain*

Sharp is a global leader in pharmaceutical packaging and clinical trial supply services. For 70 years, we've provided solutions to pharma and biotech clients from phase I trials through to commercial launch and lifecycle management. We have facilities in the U.S., UK, Belgium and the Netherlands, and 30+ clinical depots globally.

## SHL MEDICAL AG

### DIAMOND SPONSOR

### Booth 400

Gubelstrasse 22, Zug, 6300, Switzerland  
+41 413680000 | shl-medical.com | info@shl-medical.com

#### CATEGORIES

*Contract Manufacturing | Drug-Delivery Systems | Process Automation | Product Development Services | Single Use Systems*

SHL Medical is a world-leading designer, developer, and manufacturer of drug delivery devices such as autoinjectors and pen injectors. We work with pharma and biotech companies to develop reusable and disposable injectors that can accommodate various volumes and viscosities, as well as connected technologies for next-generation healthcare.



## SHORE DESIGN CONSULTANCY

### Booth 508

Waterside House, 46 Shore, Leith, Edinburgh, Scotland EH6 6QU, United Kingdom  
+44 1315263529 | shore-group.com | info@shore-group.com

#### CATEGORIES

*Combination Products | Consulting Services | Drug-Delivery Systems | Pre-filled Syringes | Syringes*

Shore designs and develops class-leading medical products that provide improved outcomes for patients and success for our clients. Working alongside our customers, our unique blend of design and engineering allows us to bridge the gap from concept through to full development, enabling the delivery of solutions that improve adherence and help the adoption of new therapies and devices.



# COMPANY ABSTRACTS

## SIO2 MEDICAL PRODUCTS INC.

### Booth 501

2250 Riley St., Auburn, AL 36832

+1 (334) 728-0073 | [sio2ms.com](http://sio2ms.com) | [sio2-info@sio2med.com](mailto:sio2-info@sio2med.com)

#### CATEGORIES

*Drug-Delivery Systems | Lyophilization | Pre-filled Syringes | Syringes | Vials*

SiO2 Materials Science is an advanced materials science corporation introducing breakthrough disruptive technology serving the biopharma, molecular diagnostic, and consumer healthcare industries. The company is located in Auburn, AL. The company has deep partnerships with leading professors at the foremost research universities such as University of California – Santa Barbara, University of Chicago, and MIT. For more information, visit [sio2ms.com](http://sio2ms.com).

## SMARTSKIN TECHNOLOGIES

### Booth 118

354 King St., Suite 195, Fredericton, NB E3B 1E3, Canada

+1 (506) 210-1995 | [smartsintech.com](http://smartsintech.com) | [info@smartsintech.com](mailto:info@smartsintech.com)

#### CATEGORIES

*Auditing and Inspections | Cold Chain/Good Transportation Practices | Container Closure | Fill/Finish | Glass Containers/Products | Packaging Equipment | Packaging Science/Container Development | Process Validation | Quality Risk Management | Software*

SmartSkin Technologies provides an industry-leading system to measure damaging forces in parenteral filling and packaging lines. The Quantifeel™ Quality Assurance Platform uses electronic drones to measure pressure and motion on containers at production speeds, helping you understand the effect that operational parameters have on container damage.

## SMC MEDICAL GROUP

### Booth 222

330 SMC Dr., Somerset, WI 54025

+1 (715) 247-3500 | [smcltd.com](http://smcltd.com) | [inquiry@smcltd.com](mailto:inquiry@smcltd.com)

#### CATEGORIES

*Combination Products | Contract Manufacturing | Drug-Delivery Systems | Fill/Finish | Sterile Processing*

SMC Medical Group specializes in “end-to-end” integrated services for drug delivery combination products for clinical and commercial manufacturing. With 33 years experience, SMC global cGMP sites provide device development, technology platforms, HF, molding, assembly, automation, process engineering, drug process scale-up, sterile fill-finish, analytical testing kitting, and packaging solutions. SMC manufactures autoinjectors (IM/SC), syringes, inhalers, on-body, and other custom drug delivery products.

## SMITHERS

### Booth 409

526 S. Main St., Suite 820, Akron, OH 44311

+1 (330) 690- 0310 | [smithers.com](http://smithers.com)

#### CATEGORIES

*Analytical Equipment/Services | Analytical Labs/Stability | Consulting Services | Product Development Services*

Smithers offers a range of testing services for the medical and pharmaceutical industries, helping clients demonstrate compliance to specifications set by the FDA, EMA, USP, ASTM and ISO:

- Pharmaceutical and Medical Device Chemical Analysis
- Drug Delivery Device and Accessories Testing
- Healthcare Product and Packaging Validation
- Support Demonstrating Regulatory Compliance
- Materials Selection, Characterization and Testing

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# COMPANY ABSTRACTS

## SONCEBOZ SA

**Booth 305**

Rue Rosselet-Challandes 5, Sonceboz-Sombeval, Bern 2605, Switzerland  
+41 0324881791 | sonceboz.com

### CATEGORIES

*Drug-Delivery Systems*

Sonceboz core competencies consist of design, development, and production of mechatronic drive systems. Since 1936, our focus has been on innovation, best in class quality and service, which is our key to success for worldwide OEM customers. Sonceboz is ISO 13485 certified and active in wearable drug delivery, medical devices, and laboratory industry.

## STEVANATO GROUP

**PLATINUM SPONSOR**

**TECH TALK PARTICIPANT**

**Booth 821**

Via Molinella, 17, Piombino Dese, Veneto 35017, Italy  
+39 0499318111 | stevanatogroup.com | communication@stevanatogroup.com

### CATEGORIES

*Analytical Equipment/Services | Contract Manufacturing | Drug-Delivery Systems | Glass Containers/Products | Pre-filled Syringes*

Stevanato Group is a leading global provider of drug containment, drug delivery, and diagnostic solutions to the pharmaceutical, biotechnology, and life sciences industries. Its core capabilities in scientific research and development and its engineering excellence are central to its ability to offer value added solutions to clients.



## STRESS ENGINEERING

**Booth 910**

7030 Stress Engineering Way, Mason, OH 45040  
+1 (513) 336-6701 | stress.com

### CATEGORIES

*Cold Chain/Good Transportation Practices | Consulting Services | Drug-Delivery Systems | Product Development Services | Technology Transfer*

Stress Engineering Services, Inc. (SES) is an engineering and design firm in Cincinnati, Oh. SES partners with our clients to plan and implement product development using physics-based methods, processes, and technologies. Our skilled and experienced staff work with marketers of products in the consumer, medical, industrial, aerospace, and pharmaceutical industries.

## SYNTEGON PHARMA TECHNOLOGY

**Booth 404**

8700 Wyoming Ave. N., Minneapolis, MN 55445  
+1 (763) 424-4700 | syntegon.com | pharma-na@syntegon.com

### CATEGORIES

*Container Closure | Fill/Finish | Inspection Systems | Isolation Technology | Packaging Equipment*

Processing and packaging for a better life – this is what 5,800 Syntegon employees work for every day. Our intelligent solutions enable the safe and high-quality production, processing, filling, inspection, and packaging of your liquid and solid pharmaceuticals. Along with our comprehensive service portfolio, we lay the foundation for your smooth production processes.

# COMPANY ABSTRACTS

## TEAM CONSULTING

### Booth 309

Abbey Barns, Duxford Rd., Ickleton, Cambridge, England CB10 1SX, United Kingdom  
+44 1799532700 | team-consulting.com | info@team-consulting.com

#### CATEGORIES

*Consulting Services | Drug-Delivery Systems | Product Development Services | Quality & Regulatory | Software*

Team Consulting is a world-class partner in parenteral device design. Our multi-disciplinary team of experts bring the latest approaches in design theory, engineering ingenuity, and human factors to deliver products that are not only regulatory compliant, but also loved by end users. Whether you're a global pharma or an innovative start-up, we thrive on helping you solve your drug delivery challenges.

## TERUMO EUROPE NV

### Booth 312

Interleuvenlaan 40, Leuven, Vlaams-Brabant 3001, Belgium  
+32 16381211 | terumopharmaceuticalsolutions.com | info@terumo-ps.com

#### CATEGORIES

*Drug-Delivery Systems | Fill/Finish | Polymers | Pre-filled Syringes | Syringes*

Terumo Pharmaceutical Solutions offers the pharmaceutical and biotechnology industry unique solutions in medical technology. In addition to offering our valued products, our specialized team also provides customized and dedicated solutions designed to meet your specific requirements.

## VELTEK ASSOCIATES, INC.

### Booth 1019

15 Lee Blvd., Malvern, PA 19355  
+1 (610) 644-8336 | sterile.com

#### CATEGORIES

*Aseptic Processing | Clean Room Equipment and Supplies | Consulting Services | Environmental Monitoring | Sterile Processing*

VAI's manufacturing and testing operations mirror current GMP/GLP standards. With more than 35 years of experience, our products and services include a comprehensive line of disinfectants, sporicides, residue removers, process cleaners, quality water, saturated and dry wipes, disposable garments, cleanroom paper, documentation materials, RFID tracking systems, printing systems, viable monitoring, particle counting, cleanroom cart systems, cleaning equipment, consulting, and laboratory services.

## VERANEX

### Booth 606

5240 Wade Park Blvd., Suite 204, Raleigh, NC 27606  
+1 (919) 297-8881 | veranexsolutions.com

#### CATEGORIES

*Consulting Services | Contract Research | Drug-Delivery Systems | Product Development Services | Quality & Regulatory*

Veranex is a leading global service provider dedicated to comprehensive medical product development. Veranex partners with the world's most innovative pharmaceutical and medical device companies to research, design, and develop new healthcare technologies and services. Offering expert guidance from concept through to commercialization, Veranex enables faster speed to market, controlled development costs, development risk mitigation, and accelerated market viability assessment.

2022 PDA  
Universe of Pre-filled  
Syringes and Injection  
Devices Conference

# COMPANY ABSTRACTS

## VETTER PHARMA-FERTIGUNG GMBH & CO. KG

**SILVER SPONSOR**

**TECH TALK PARTICIPANT**

**Booth 613**

Schuetzenstrasse 87, Ravensburg, Baden-Wuerttemberg 88212, Germany  
+49 75137000 | vetter-pharma.com | info@vetter-pharma.com

### CATEGORIES

*Aseptic Processing | Contract Manufacturing | Drug-Delivery Systems | Fill/Finish | Pre-filled Syringes*

Vetter is a leading contract development and manufacturing organization headquartered in Ravensburg, Germany, with production facilities in Germany, Austria, and the United States. Its service portfolio ranges from development support, including clinical manufacturing to commercial supply and packaging solutions for pre-filled syringes, vials, and cartridges.



## WEST PHARMACEUTICAL SERVICES

**PLATINUM SPONSOR**

**TECH TALK PARTICIPANT**

**Booth 713**

530 Herman O. West Dr., Exton, PA 13941  
+1 (610) 594-2800 | westpharma.com |  
west.pharmaceutical.services@westpharma.com

### CATEGORIES

*Contract Manufacturing | Drug-Delivery Systems | Polymers | Pre-filled Syringes | Stoppers and Elastomers*

West is a leading manufacturer of packaging components and delivery systems for injectable drugs and healthcare products. Working by the side of customers, West creates products that promote efficiency, reliability, and safety. With locations around the globe, West's products are designed to improve the delivery of healthcare to patients daily.



## WINDGAP MEDICAL, INC.

**Booth 205**

200 Dexter Ave., Suite 270, Watertown, MA 02472  
+1 (617) 440-3311 | windgapmedical.com

### CATEGORIES

*Combination Products | Contract Manufacturing | Drug-Delivery Systems | Pre-filled Syringes | Syringes*

Windgap Medical is reimagining the future of reconstitution devices. Our autoinjector platforms simplify, automate, and speed up the delivery of difficult-to-mix drugs, freeing patients, families, and potential cures from the limitations of current medical delivery technology. We are a proud industry leader in self-administration devices that consider the needs of patients first when delivering complex injectables.

## YPSOMED AG

**PLATINUM SPONSOR**

**TECH TALK PARTICIPANT**

**Booth 413**

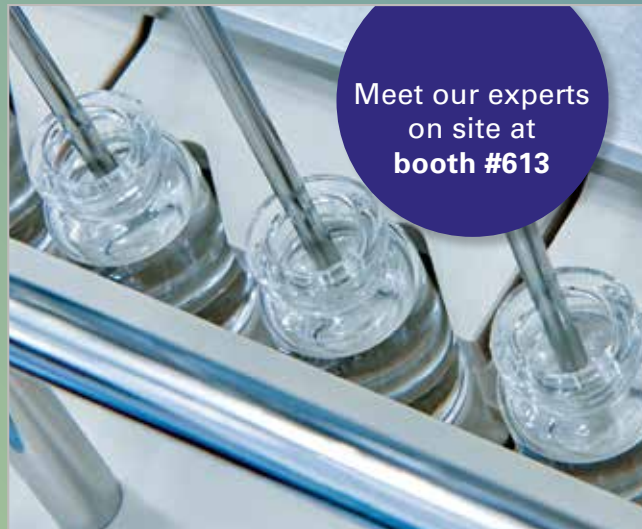
Brunnmattstrasse 6, Burgdorf, Bern 3401, Switzerland  
+41 344244111 | ypsomed.com | info@ypsomed.com

### CATEGORIES

*Combination Products | Contract Manufacturing | Drug-Delivery Systems | Packaging Science, Container Development | Product Development Services*

With more than 35 years' experience, Ypsomed is the global leader in the development of innovative injection systems. We offer this experience to our pharma clients together with comprehensive services tailored to their requirements. Ypsomed Delivery Systems (YDS) provides a complete range of technologies and services for reliable and user-friendly injection systems for self-medication.





Meet our experts  
on site at  
booth #613

## Comprehensive support for your injectables

For over 40 years, Vetter has been a trusted partner in injectables manufacturing for pharmaceutical and biotech companies around the world. Our deep expertise enables us to integrate with your team to design and implement a personalized plan for success in a shifting global marketplace. Our strategic partnership includes:

- Customized clinical and commercial manufacturing services for your product throughout its lifecycle
- Deep and comprehensive technical, analytical, and regulatory subject matter expertise
- Proven manufacturing processes that are flexible, efficient, and scalable
- Filling and packaging capabilities that utilize the latest technology to meet international market demands



[www.vetter-pharma.com](http://www.vetter-pharma.com)



Answers that work



# PDA THANKS OUR SILVER SPONSOR



Vetter is a leading contract development and manufacturing organization headquartered in Ravensburg, Germany, with production facilities in Germany, Austria, and the United States. Its service portfolio ranges from development support, including clinical manufacturing to commercial supply and packaging solutions for pre-filled syringes, vials, and cartridges.

[vetter-pharma.com](http://vetter-pharma.com)

[View full company abstract >](#)

# COMPANY ABSTRACTS

## ZACROS AMERICA, INC.

### Booth 304

1821 Walden Office Sq., Suite 400, Schaumburg, IL 60173  
+1 (302) 383-2868 | meditect.zacros.co.jp

#### CATEGORIES

*Aseptic Processing | Drug-Delivery Systems | Fill/Finish | Flexible Container | Packaging Science, Container Development*

Helping to shape a more comfortable society, together with customers – that is where our value lies. For more than 100 years, ZACROS has continued to create unique packaging solutions for a wide array of needs. From Pharmaceuticals to food, we can package and protect your products.

## ZEON SPECIALTY MATERIALS INC.

### Booth 209

25 Metro Dr., Suite 238, San Jose, CA 95110  
+1 (502) 419-5278 | zeonsmi.com

#### CATEGORIES

*Flexible Container | Polymers | Pre-filled Syringes | Syringes | Vials*

ZEON's Zeonex® and Zeonor® cyclo olefin polymer (COP) allow for advanced, break-resistant syringes, vials and lyophilization containers for protein-based biopharmaceuticals, high viscosity drugs, and contrast media. They also offer high purity, "glass-like" transparency, sterilization, low water absorption, and superior moldability, as well as overcome protein adsorption and pH shift concerns.

## ZWICKROELL LP

### Booth 1012

1009 Market Center Dr. NW, Kennesaw, GA 30144  
+1 (770) 420-6555 | zwickroell.com | info.us@zwickroell.com

#### CATEGORIES

*Drug Delivery Systems | Pre-filled Syringes | QC/QA | Quality Risk Management | Syringes | Vials*

We are a global leader in materials testing and your trusted partner for reliable test results. A fundamental requirement for reliable test results in materials and components testing is the perfect interaction among all testing machine components. For this reason we develop and manufacture both the load frames and all main components ourselves. Whether tensile test, compression test or flexure tests, function tests or standard tests, texture analysis or fatigue testing: with our product groups we offer testing solutions for test methods in R&D, as well as for quality assurance in more than 20 industries.

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## Calibration Services

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## Environmental Monitoring

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## Filtration

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## Inspection Systems

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