



Pre-filled Syringes, Injectable Drug  
Devices & Parenteral Systems

**27 – 28 JUN 2024**  
**Hotel Renaissance**  
Barcelona, Spain













#### GOLD SPONSORS

---



#### SILVER SPONSORS

---



#### EXHIBITORS

---



#### MEDIA PARTNERS

---







reddot winner 2023



## Helping you bring inhaled medicines to market

See how our inhaled development **expertise**, formulation **science** and device **technology** can accelerate your programme

Visit [www.vectura.com](http://www.vectura.com) to find out more



**VECTURA**





InjectaSummit is the premier event uniting professionals from the pharmaceutical, medical device, and healthcare sectors in an exploration of the latest advancements in pre-filled syringes, injectable drug devices, and parenteral systems. Our summit is a vital hub for industry experts, decision-makers, and innovators to exchange insights, discuss regulatory compliance, delve into patient-centric design, explore emerging technologies, and address sustainability. It's where professionals learn, network, and collaborate with leaders in these fields. Join us in beautiful Barcelona on June 27-28, 2024, and be part of the conversation that's shaping the future of injectable drug delivery.



Technology and know-how

## YOUR INHALATION PRODUCT IN FOCUS



We have many years of expertise in development and production equipment for drug delivery in inhalation and nasal applications. Our experts can support you in all aspects of the development and optimization of your inhalation product.

- Expertise in microdosing, sealing and assembly
- Turnkey solutions for inhaler industrialisation
- From clinical trials to commercial production
- Integration of dose verification and PAT

Looking forward to your visit at Rescon Summit, Barcelona 2024



# EPM Group Executive Summary

## WHO You Will Meet



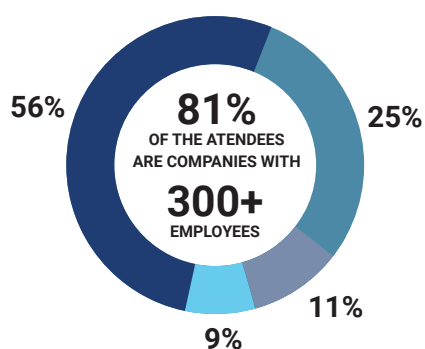
**80+**  
Attendees

**25+**  
Speakers

### RATIO

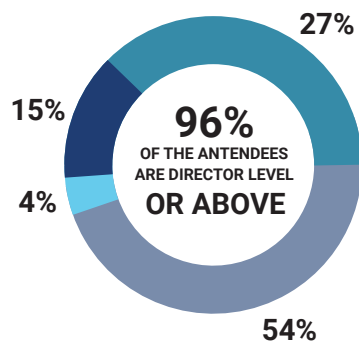
Bio/pharmaceutical manufacturing **65:35** Vendor/Solution Providers

#### Company Size of Attendees



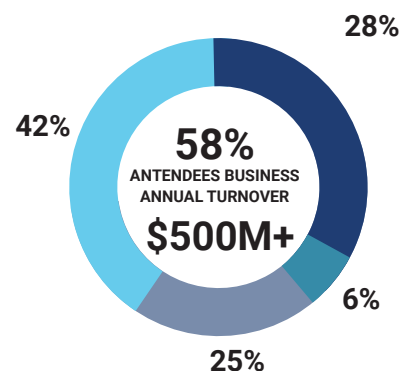
- 1000+ employees
- 300-999 employees
- 50-299 employees
- less than 49 employees

#### Job Title of Attendees



- C-level
- SVP/VP
- Snr Director/Director
- Snr Manager/Manager

#### Attendee Company Annual Turnover



- 1 Billion
- \$500-999 Million
- \$50-499 Million
- <50 Million



# HOW You Will Benefit



**x1000+**

Relive the conference  
full Access to  
documentation,  
footages and videos.



**x10+**

Hours of Networking  
forge new professional  
contacts.



**x20+**

## Case Studies Analisis

## Companies Attending



94%

RATED EVENT AS



# FEEDBACK

- Quality of the speakers
- Sharing of the best practices
- Spectrum of industries
- Intimate atmosphere
- Short-quick presentations

98%

WOULD RECOMMEND  
THE EVENT TO  
COLLEAGUES



# Learn The Key Practical Points



- **Advanced Drug Delivery Technologies:** Explore the latest advancements in drug delivery, including innovations in pre-filled syringes and injectable devices.
- **Biologics and Cell Therapies:** Gain insights into the use of pre-filled syringes for delivering biologics, cell therapies, and gene therapies.
- **Regulatory Compliance in a Changing Landscape:** Stay updated on the evolving regulatory requirements for pre-filled syringe manufacturing, including the impact of revised EU GMP Annex 1.
- **Sustainability in Device Design:** Learn about incorporating sustainability into the design and manufacturing of injectable drug devices, addressing environmental responsibility.
- **Human Factors Engineering:** Understand the importance of human factors studies in device design to enhance usability and patient safety.
- **Combination Product Development:** Explore strategies for the development of combination products and navigate the challenges associated with drug-device combinations.
- **Quality Assurance and Safety:** Focus on maintaining high standards of quality, safety, compatibility, and stability in parenteral systems.
- **Innovation in Large Volume and Highly Viscous Drug Delivery:** Discover advancements in devices designed for large volume and highly viscous drug administration.
- **Digital Health Integration:** Explore the integration of digital health technologies in pre-filled syringes and injectable drug devices for enhanced patient-centric solutions.
- **Patient-Centric Design and Secondary Packaging:** Delve into the development of patient-centric designs and considerations in secondary packaging for combination







# Meet The Speakers



**Aaron  
Mann**

Chief Executive Officer  
at Windgap Medical



**Louisa  
Harvey**

Founder and Principal  
at Harvey Medical (a  
ClariMed company)



**Bjarne  
Sørensen**

Director, Front End  
Innovation at  
Phillips-Medisize



**Devendra  
Ridhurkar**

R&D Director,  
complex generics  
Adalvo



**Philipp  
Richard**

Account & Business  
Development Manager  
at Ypsomed



**Sanjay  
Rout**

Head of Technology  
Transfer of Drug  
Device Combination  
Product at Biocon  
Biologics



**Beate  
Treffler**

Regional Sales  
Manager Healthcare  
Europe at Avient



**Richard  
Denk**

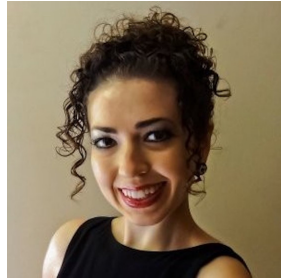
Senior Consultant  
Aseptic Processing  
& Containment at  
SKAN AG





**Geelanie  
Briones**

Managing Director at  
Athena Life Science



**Emily  
Lorcheim**

Project Manager  
at ClorDiSys



**Alberto  
Calzadilla**

Hospital Injectables  
Director at Ethypharm



**Henri  
Bodeau**

Business  
Development  
Manager at Crossject



**Venkata  
Goli**

Research fellow,  
formulation and  
process development at  
ten23health



**René  
Holm**

Professor at  
University of  
Southern Denmark



**Enrico  
Barichello**

Product Manager,  
Syringe Platform – DCS  
Glass at Stevanato  
Group



**Mark  
Hassett**

Vice President of  
Business Development  
at Credence  
MedSystems, Inc.



**Tom  
Oakley**

VP Design and  
Development at  
Springboard, a Sanner  
Group company



# Scientific Agenda



## DAY 0 JUN 26.2024

---

**18:00 - 20:00** RESCON Europe &  
INJECTA Summit Gala  
Dinner CRU Restaurant at  
Renaissance Barcelona  
Hotel

## DAY 1 JUN 27.2024

---

**08:30 – 08:50** INJECTA Summit  
Registration

---

**08:50 – 09:00** Opening of INJECTA  
Summit 2024

---

**Session 1**  
Exploring Future Trends in Drug Delivery

---

**Morning Chairperson:**  
René Holm, University of Southern Denmark

---

**09:00 – 09:30** Onbody delivery systems:  
latest news and trends

**Tom Oakley**  
VP Design and Development  
at Springboard, a Sanner  
Group company

**09:30 – 10:00** Pharmaceutical Industry:  
The Future of the Next  
Decade

**Alberto Calzadilla**  
Hospital Injectables  
Director at Ethypharm

**10:00 – 10:30** Speed Networking

---

**10:30 – 11:00** Morning Coffee-Break

**10:40** Harro Höfliger Sponsor  
Presentation (5min)

**10:50** Vectura Sponsor  
Presentation (5min)

## Session 2

### Innovative Approaches to Drug Delivery

---

**11:00 – 11:30** Solutions for emerging challenges in Injectable drug delivery

**Mark Hassett**

Vice President of Business Development at Credence MedSystems, Inc.

**11:30 – 12:00** Long acting injectible formulations - what are the pharmaceutical options?

**René Holm**

Professor at University of Southern Denmark

## Session 3

### Sustainable Solutions for Injection Devices

---

**12:00 – 12:30** Injecting Sustainability into Drug Delivery: Patient at the Center

**Aaron Mann**

CEO & President at Windgap Medical

**12:30 – 13:00**

The Journey Towards Sustainable Self-Injection Devices: Where Do We Stand?

**Philipp Richard**

Account & Business Development Manager YDS at Ypsomed AG

**13:00 – 14:00**

Lunch Break

**Afternoon Chairperson:**

Venkata Goli, ten23health

**14:00 – 14:30**

The Influence of colorants on the performance of injectable devices and the importance of a stringent change management

**Beate Treffler**

Regional Sales Manager Healthcare Europe at Avient



Session 4  
Insights into Pre-filled Syringe Technology

14:30 – 15:00	Needle-free Auto-injection: A New Paradigm in Drug Delivery
	<b>Henri Bodeau</b> Business Development Manager at Crossject
15:00 – 15:30	Plunger Stopper Movement in Pre-Filled Syringes & Cartridges: Critical Factors and Mitigations
	<b>Venkata Goli</b> Research fellow, formulation and process development at ten23health
15:30 – 16:00	Potential Contribution of Plunger Stopper Position in Prefilled Cartridge/Syringe Drug Device Combination Product Delivery System
	<b>Sanjay Kumar Rout</b> Senior Manager [HOD Technology Transfer of Drug device combination product MSAT) at Biocon Biologics Ltd
16:00 – 16:30	Afternoon Coffee-Break Berry Global Sponsor Presentation (5min)
16:30 – 17:30	Panel discussion: Future Directions in Drug Delivery- Innovations, Sustainability, and Regulatory Challenges

- Trends in drug delivery technology
- Sustainability initiatives and implications
- Regulatory considerations for novel delivery systems

**Panelists:**

- Geelanie Briones, Athena Life Science
- Bjarne Sørensen, Phillips-Medimize
- Aaron Mann, Windgap Medical
- Louisa Harvey, Harvey Medical
- Beate Treffler, Avient

Moderated by: René Holm, Professor at University of Southern Denmark

17:30	End of the Injecta Summit 1st day
20:00	RESCON Europe & Injecta Summit Gala Dinner

DAY 2JUN 28.2024

08:50 – 09:00	Opening of Injecta Summit 2 <sup>nd</sup> day
---------------	--

Session 5  
Advancements in Smart Devices

**Morning Chairperson:**  
Philipp Richard, Ypsomed

09:00 – 09:30	Using Artificial Intelligence to Design a User-Centered Injection Device
---------------	--

Louisa Harvey  
Founder and Principal at  
Harvey Medical (a ClariMed  
company)

---

## Session 6

### Biologics and Pre-Filled Syringes

---

**09:30 – 10:00** Innovative Solutions in  
Pre-Filled Syringes for  
Biologics

Enrico Barichello  
Product Manager Syringes  
Platform DCS – Glass at  
Stevanato Group

**10:00 – 10:30** Ambient Temperature  
Sterilization of Cold-Chain,  
Product Filled Syringes with  
Chlorine Dioxide

Emily Lorcheim  
Project Manager  
at ClorDiSys

---

**10:30 – 11:00** Morning Coffee-Break

**10:40** Credence MedSystems,  
Inc. Sponsor Presentation  
(5min)

---

## Session 7

### Regulatory Compliance in a Changing Landscape

---

**11:00 – 11:30** Annex 1 requirements for  
Pre Filled Syringes Fill/  
Finish

Richard Denk  
Senior Consultant Aseptic  
Processing & Containment  
at SKAN AG

**11:30 – 12:00** Building a robust Quality  
system for a sustainable  
business

Geelanie Briones,  
Managing Director at  
Athena Life Science

---

**12:00 – 13:00** Panel discussion:  
Navigating High-Dose Drug  
Delivery: Challenges and  
Opportunities

- Large-Volume Delivery  
Device Perspectives
- Exploring Delivery Method  
Potential
- Strategies for Safe and  
Usable Delivery

#### Panelists:

- Bjarne Sørensen,  
Phillips-Medisize
- Enrico Barichello,  
Stevanato Group
- Sanjay Kumar Rout,  
Biocon Biologics Ltd
- Venkata Goli, ten23health
- Richard Denk, SKAN AG

Moderated by: Clemens  
Guenther, Bayer AG

---

**13:00 – 14:00** Lunch Break



## Session 8

### Safety and Compliance Considerations

---

#### Afternoon Chairperson:

Clemens Guenther, Bayer

---

**14:00 – 14:30** Safety Assessment of  
Impurities and Extractables  
& Leachables for PFS

Clemens Guenther

Senior Expert Nonclinical  
Safety at Bayer AG

**14:30 – 15:00** High Dose Injectable Drug  
Delivery - A Route to Better  
Usability and Sustainability

Bjarne Sørensen

Director, Front End  
Innovation at Phillips-  
Medisize

---

**15:00** Closing Remarks and End  
of Injecta Summit 2024



reddot winner 2023



## Helping you bring inhaled medicines to market

See how our inhaled development **expertise**, formulation **science** and device **technology** can accelerate your programme

Visit [www.vectura.com](https://www.vectura.com) to find out more



**VECTURA**



# Biographies



## **Aaron Mann** Chief Executive Officer at Windgap Medical

Aaron Mann is the esteemed CEO of Windgap Medical, a privately-held drug delivery company with a focus on simplifying, automating, and expediting the delivery of challenging-to-mix drugs. Under his leadership, Windgap Medical collaborates with leading biopharmaceutical companies to provide solutions that liberate patients, families, and complex therapies from the constraints of current delivery systems. Previously, Aaron served as the CEO at Kindeva Drug Delivery, a prominent global CDMO

for biopharmaceutical companies. Leading a team of over 1000 talented colleagues, he successfully steered the company through its spin-off from 3M in 2020, with backing from Altaris Capital Partners. Kindeva's comprehensive capabilities encompass inhalation, transdermal, and microneedles, spanning pre-clinical development, regulatory processes, and approval, all the way to commercial scale and supply, with operations in the US and the UK.



## **Louisa Harvey** Founder and Principal at Harvey Medical (a ClariMed company)

Louisa Harvey is a thought leader in the Human Factors/ Usability space and tries to find any route to push boundaries. Louisa has been in the medical device and pharmaceutical industry for 20 years. She has an MSc in

Industrial Pharmaceutical Science. She developed her own AI app for enhancing human factors research, which is commercially available. Louisa runs the Medical HUMAN Factors Network in the UK.



## **Bjarne Sørensen** Director, Front End Innovation at Phillips-Medisize

Bjarne Sørensen is a director of front-end innovation at Phillips-Medisize, based in the company's development centre in Denmark. With more than 35 years of experience within product, strategy, and business development, Bjarne has a very visible track record within different

business areas. At Phillips-Medisize, he participates in customer projects, typically involving electronic injectors and connected health systems. He is also deeply involved in new electronic platform programs, especially on conceptual, technical, and sustainability aspects.



## **Devendra Ridhurkar** R&D Director, complex generics Adalvo

Dr Ridhurkar is a Biopharmaceutical Subject Matter Expert based in Barcelona, Spain. He boasts over 17 years of invaluable scientific leadership and management expertise in the complex formulation development and manufacturing of small and biological compounds. Renowned for his proficiency in steering projects encompassing Biosimilar,

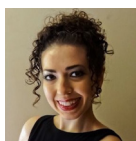
Protein and Peptides, Proprietary and Generic drugs, including 505b2, Hybrid, Complex, Specialty, and Branded formulations, he has significantly impacted Pharma-Biotech companies worldwide.



## **Geelanie Briones** Managing Director at Athena Life Science

Geelanie Briones is an experienced professional and leader with almost 25 years of experience in the Life Science Industry, with a particular focus on quality, compliance, operations, sustainability, and organizational transformation and development. She has been in the quality area and leading teams for 22 years and was a

member of Xellia's Executive Leadership Team for 8 years. Her mission is to build robust and resilient organizations that deliver high-quality products, ensure compliance with global standards, and foster a culture of continuous improvement and innovation.



### **Emily Lorcheim** Project Manager at ClorDiSys

---

Emily Lorcheim, PMP is Project Manager at ClorDiSys. She works with manufacturers and engineers to generate sterilization strategies to fit their unique needs. Emily works with clients from design and material selection through routine processing and scale up. This includes initial lethality testing, material compatibility, developing

protocols, validations, and regulatory guidance. Emily is part of standards development with The Association for the Advancement of Medical Instrumentation® and participates in several Working Groups. Emily has authored various articles and studies as well as has conducted many education sessions on the technology and science.



### **Alberto Calzadilla** Hospital Injectables Director at Ethypharm

---

Highly motivated, results driven professional with brand and generics experience. Proven track record in business development, contract negotiations, operations, cost savings initiatives, risk management, supply chain. Expertise in external supply operations, APIs, excipients, agricultural commodities and petrochemicals as it relates

to the Pharmaceutical industry.

Specialties: Licensing and Supply Agreements, Pricing Negotiations, Supplier Management, Operations, Risk Analysis, Budget Forecasting, Strategy Creation and Implementation, Supply Chain, Alternate Source Qualification, Project Management



### **Philipp Richard** Account & Business Development Manager at Ypsomed

---

Philipp Richard has been with Ypsomed since 2009 in various roles in product- and key account management with pharma companies to develop and bring to market innovative self-injection systems. He studied electrical engineering at the Federal Institute of Technology in Lausanne, Switzerland. Before joining the world of medical devices, he has worked in the area of contactless bearing technology for high-speed turbomachines. Since 2011, his main focus has been on defining platform-based product

offerings and on implementing customized injection devices with a growing base of pharma customers. As key account manager, he has managed the transition from project to market supply including ramp-up with several autoinjector customers. Ypsomed Delivery Systems continues to focus on the development and manufacture of next generation pens, autoinjectors, patch injectors, smart device technologies and therapy management services.



### **Sanjay Rout** Head of Technology Transfer of Drug Device Combination Product at Biocon Biologics

---

Sanjay Kumar Rout, currently serving as the Head of Technology Transfer of Drug Device Combination Product at Biocon Biologics MSAT, brings a wealth of knowledge and expertise with 17 years of experience in drug product manufacturing and packaging. His proficiency extends to the development of combination devices, such as pens

and autoinjectors, process validation, commercialization, shipping validation, and life cycle development and sustainability programs. With a Bachelor's degree in Pharmacy, Sanjay excels in visual inspection, packaging, medical device design, technology transfer, and Design History File (DHF) filling.





### **Beate Treffler Regional Sales Manager Healthcare Europe at Avient**

---

After studying chemical engineering Beate joined Clariant's Plastic Additives division over 30 years ago. After holding various positions in technical service, development and marketing, Beate took over the lead of the dedicated Healthcare Polymers Solutions team of Clariant Masterbatches in 2015, which focuses on enhancing and

protecting healthcare products. Since 2021 she is heading the healthcare sales team in Europe. Born of the collective strength of PolyOne & Clariant Masterbatches since July 1st 2020, Avient is a leading provider of plastics colors & additives.



### **Richard Denk Senior Consultant Aseptic Processing & Containment at SKAN AG**

---

Richard Denk is working at the company SKAN AG, headquartered in Allschwil Switzerland in the position Senior Consultant Aseptic Processing & Containment. Richard is Member of the PDA ATMP Advisory Board and chair of the PtC of the Manufacturing of ATMPs. Richard is member of the PDA Isolator Expert Group and publisher of the PDA Paper "Isolator Surfaces and Contamination Risk to Personnel and Patient". Furthermore, Richard

is member of the ISPE Annex 1 and PIC/s Annex 2A commenting group, Founded the ISPE CoP Containment and SIG Future Robotics. Richard is Member of the ISPE European Leadership Team and Member of the ISPE CoP Sterile Product Processing. Richard is a global recognized subject matter expert on Aseptic Processing, ATMPs and Containment and has developed the containment pyramid.



### **Venkata Goli Research fellow, formulation and process development at ten23health**

---

Venkata working as a research fellow, formulation and process development at ten23health. He worked previously as a senior scientist at Thermo Fisher Scientific, Italy (2021-2023), Biocon Biologics (2019-2021) and Pfizer biologics development center (2014-2019). He has a pharmaceutical background and holds a M.S degree in Pharmaceutics from NIPER, Mohali (India). He has extensive knowledge in formulation development, container closure selection,

lyophilization and process development & characterization. Through career, he played a key role in platform formulation and process development. This knowledge being further strengthened with active involvement in the innovation projects at ten23 health related to surfactants, container closure systems characterization, formulation knowledge base creation.



### **René Holm Professor at University of Southern Denmark**

---

Dr. René Holm is a professor in pharmaceutical physical chemistry at the University of Southern Denmark. After receiving Master and PhD degree in pharmaceutics from the University of Copenhagen, Denmark, in 2002, he started his carrier in the pharmaceutical industry at H.Lundbeck in 2001 and changed to Janssen in 2016. Dr. Holm has worked within pharmaceutical development, formulations for non-clinical testing in drug discovery, physical chemistry and

material science covering both small and large molecules. In 2021 Dr. Holm engaged into a carrier change and became a full professor. Dr. Holm is (co-) author of more than 230 original articles in peer-reviewed journals and patents in the field of biopharmaceutics, preformulation, formulation and physical pharmacy and book chapters and is co-inventor on 13 published patents.



### Enrico Barichello Product Manager, Syringe Platform – DCS Glass at Stevanato Group

With a background in Industrial Engineering and a Master's in Management at the University of Padua, Enrico Barichello acquired broad-spectrum skills in technical concepts and complex processes. He joined Stevanato Group in 2017 as a Product Management Specialist for the Syringe platform. He defined and coordinated all the activities required

to bring the products to market, bridging gaps between different company functions and aligning the involved teams. He has been responsible for the roadmap and execution of the innovative platform Alba®. Since 2023 he is Product Manager for the Glass Syringe Platform.



### Mark Hassett Vice President of Business Development at Credence MedSystems, Inc.

Mr. Hassett has 30+ years' experience in the medical device industry. In that time, he has functioned as Global VP Sales, Marketing, and Business Development for IVAC Corporation, Block Medical, Medication Delivery Devices, Safety Syringes, Venetec Int'l, Unilife Medical, and ROVI Contract Manufacturing (EU). His responsibilities

included commercialization of infusion pumps, injectable devices (PFS), wearable devices, and autoinjectors. He has injectable device experience in multiple markets to include, acute care, alternate site, and more specifically for Pharmaceutical and Biotech the last 20 years. He holds a BS degree from Georgia State University in Atlanta, GA.



### Tom Oakley VP Design and Development at Springboard, a Sanner Group company

Tom Oakley is co-founder and VP Design and Development at Springboard, a Sanner Group company, a leading medical device development company. His first degree was a Master of Engineering from Cambridge University, and he was later appointed the Choate Fellow in human

physiology and pathology at the Harvard School of Public Health. Since 2001, he has focused on creating safety-critical designs for mass production and is named inventor on dozens of medical device patents.



### Henri Bodeau Business Development Manager at Crossject

Henri has a background in International Business Development and Graduated from Manchester MU Business School & Burgundy School of Business, with 7 years of experience in the Pharmaceutical industry. Henri has been involved in several business development projects for innovative assets for emergency use based on

needle free auto-injection. The main areas for this projects have been global with a strong focus on North America, Europe, Australasia to bring to the market these patient centered drug/device combination products.



INNOVATION WITHOUT CHANGE

## SOLUTIONS TO EMERGING TRENDS AND CHALLENGES IN INJECTABLE DRUG DELIVERY



**THE CREDENCE COMPANION**

**COMPANION**

User-preferred, end-of-dose cues, automatic needle retraction



**THE CREDENCE DUAL CHAMBER**

**SEQUENTIAL INJECTION**

Two liquids stored separately... and delivered sequentially

**RECONSTITUTION**

Single-step mixing and injection with needle retraction



**SCALING**

Innovative manufacturing has arrived

Credence MedSystems, Inc. | +1-844-263-3797 | [info@CredenceMed.com](mailto:info@CredenceMed.com) | [www.CredenceMed.com](http://www.CredenceMed.com)

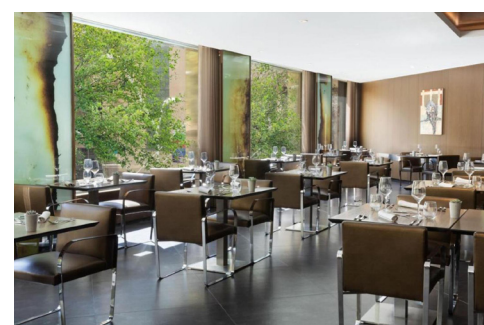
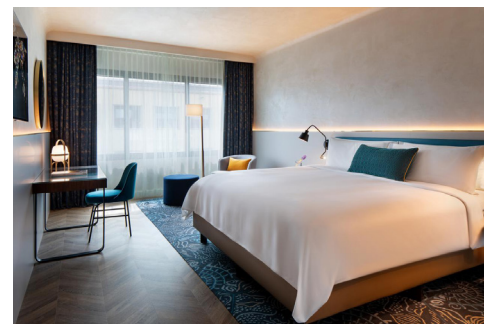
Products have not been evaluated by the FDA.





# Barcelona Hotel Renaissance

Discover the vibrant spirit of Barcelona's Eixample neighborhood at Renaissance Barcelona Hotel. With 211 stylish guest rooms and suites, this 5-star downtown retreat offers unique contemporary design and destination-focused flair. Engage with a dynamic community that transforms day and night, indulge in authentic flavors and chilled vibes at Rumbo Bar & Eatery, or savor crafted cocktails and Mediterranean cuisine with captivating views at Goja Rooftop. Whether you choose to stay active in the gym or unwind at the Mayan Luxury Spa cabin, the hotel provides limitless relaxation. For the inventive creatives, there's ample space to meet and collaborate. Onsite parking is available for convenience. Connect with the Navigator to discover the latest and greatest in the area, and within walking distance of iconic landmarks, this luxury hotel is the ideal choice for those seeking an extraordinary experience from a prime location.



Renaissance Barcelona Hotel  
C/ de Pau Claris, 122, L'Eixample,  
08009 Barcelona, Espanha





[www.injectasummit.com](http://www.injectasummit.com)

