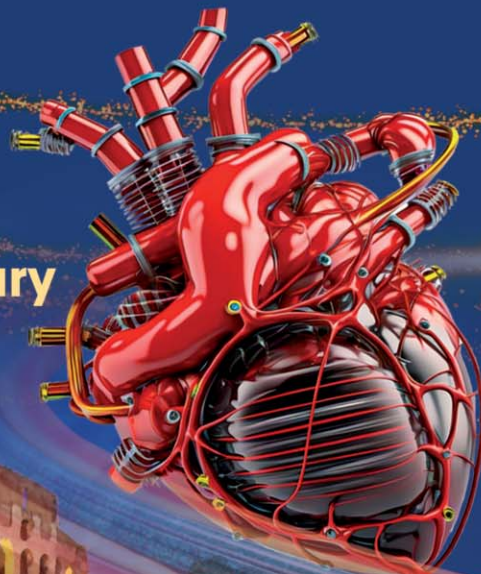


# **D**rug **E**luting **B**alloon **S**park

**Drug-Coated Balloons in Coronary  
and Peripheral Intervention:  
from Bench to Bedside**

**Rome**

**18<sup>th</sup>-20<sup>th</sup> January 2024** NH COLLECTION VITTORIO VENETO



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Giuseppe Massimo Sangiorgi



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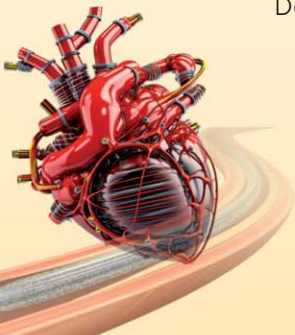
## International Faculty Guests

Fernando Alfonso (Spain), Florim Cuculi (Switzerland), Jose M. De la Torre Hernandez (Spain)  
Simon Eccleshall (UK), Alope V. Finn (USA), Juan Granada (USA), Michael Joner (Germany)  
Azeem Latib (USA), Aravind Nanjundappa (USA), Bruno Scheller (Germany)  
Matias Szejfman (Argentina), Tjun Tang (Singapore), Stephan Tunev (USA)



## Scientific Secretary

Daniela Benedetto (Rome), Gianluca Massaro (Rome), Giulio Russo (Rome)



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• Yamume Tshomba (Roma)  
• Valerio Tolva (Milano)  
• Fabrizio Tomai (Roma)  
• Fabrizio Ugo (Vercelli)  
• Gian Paolo Ussia (Roma)  
• Francesco Versaci (Roma)

# SCIENTIFIC RATIONALE

The drug-coated or drug-eluting balloon (DCB, DEB) technology has emerged as an additional tool in the arsenal of interventional cardiology devices. It delivers anti-proliferative drugs to local arterial tissue through a single prolonged coated balloon angioplasty inflation, preventing restenosis and thrombosis while leaving no implant behind. This strategy theoretically reduces the risk of a late inflammatory response to device components without hindering positive vessel remodeling and vasomotion. DCBs, when used carefully and with good technique, may have a role in the treatment of several lesion subsets, such as in-stent restenosis, small vessel disease, or side branch bifurcations in native coronary disease.

Given the increasing interest this technology is garnering across different clinical specialties, along with its potential impact on physicians, patients, and industry stakeholders in the field, the DEBS congress is both timely and essential.

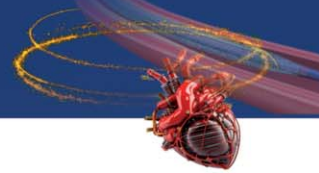
Indeed, the aim of the DEBS scientific board in designing the three-day program was to provide a platform for experts to discuss the clinical efficacy and safety of DCBs, highlight the latest innovations and advancements in the field, and simultaneously identify the challenges and opportunities for future development.

In this context, dedicated sessions will explore the various chemical and engineering characteristics of DCB technology and their potential influence on drug diffusion and release within the arterial wall. Pathological aspects related to the utilization of different drugs and excipients will also be outlined during the meeting. Moreover, a "school of DCB" will focus on how to perform optimal DCB angioplasty and how to address concerns regarding recoil and dissection. Live coronary and peripheral cases, as well as live in-the-box cases, will be offered throughout the three-day session, providing a unique and hands-on learning experience for attendees. Additionally, industry and pharma corners will be incorporated into the scientific program to discuss the latest R&D developments and synergistic treatment strategies with anti-lipid therapies. During session breaks in the main arena, we will host "five-minute chit-chats" with Key Opinion Leaders. These brief conversations are designed to provide attendees with insights into the vision and direction the field is poised to take in the near future.

Finally, the DEBS congress aims to serve as a forum for cutting-edge research, providing an opportunity for investigators to present their latest findings and explore potential future developments for this technology.

By bringing together interventional and clinical cardiologists, researchers, industry and pharma partners, the DEBS congress can facilitate multidisciplinary dialogue and foster advancements in DCB research and development. Ultimately, this can advance the standard of care for patients affected by cardiovascular disease and improve their clinical outcomes.

The entire scientific board of DEBS looks forward to welcoming you to Rome to share the exciting momentum of this technology, discuss the shadow aspects related to its utilization, and explore the future adoption of it in our clinical practice!



15.30 Welcome to the participants - *Giuseppe Sangiorgi*

**Saluto dell'Autorità**

**Session 1 - Live in the Box**

*Moderators: Francesco Bedogni, Alberto Menozzi, Francesco Saia, Luca Testa*

*Expert Discussants: Cristina Aurigemma, Gaetano Chiricolo, Cristian Di Russo, Achille Gaspardone, Eliano Navarese, Emanuela Piccaluga, Gianluca Tomassoni, Fabrizio Ugo*

15.50 LIVE BOX 1 - DCB in very long lesion - *Stefano Galli, Piero Montorsi*

16.10 LIVE BOX 2 - Debulking and DCB for calcific vessel disease - *Bernardo Cortese, Gianluca Massaro*

16.30 LIVE BOX 3 - In-stent restenosis treatment - *Antonino Granatelli, Alessandro Sciahbasi*

16.50 LIVE BOX 4 - DCB in bifurcation lesion - *Corrado Tamburino, Marilena Di Salvo, Davide Capodanno*

**FIVE MINUTES WITH BRUNO SCHELLER**

Presenter: *Gianluca Massaro*

**Session 2 - How the Story Began and How is Going on**

*Moderators: Giuseppe Sangiorgi, Giuseppe Musumeci*

17.20 Once Upon a time in Germany - *Bruno Scheller*

17.35 Early DCBs and early DEBs – the idea was great, but how many mistakes! - *Bernardo Cortese*

17.50 Third consensus report on DCB: my perspective and state of the art in the face of controversy  
*Davide Capodanno*

18.05 Current European Guidelines for DCB utilization in coronary and peripheral intervention - *Alaide Chieffo*

18.20 DCB in Italy: The GISE Data - *Francesco Saia*

18.35 Discussion "How the Story Began and How is Going on" - *All participants*

# FRIDAY • 19<sup>th</sup> JANUARY 2024 • DAY 2

## Session 1 - Daily DCB Utilization in the Cath Lab

*Moderators: Antonio Colombo, Antonio Micari, Gennaro Sardella, Gian Paolo Ussia*

*Experts Discussants: Francesco Bedogni, Carlo Briguori, Marco Contarini, Gaetano Giofrè, Alberto Menozzi, Aravind Nanjundappa, Massimo Napodano, Stefano Rigattieri*

09.00

### LIVE CASES

Coronary Diffuse Disease - *Fabrizio Tomai, Giovanni De Persio* (European Hospital, Rome)

BTK Disease - *Marco Manzi, Louis Mariano Palena* (Policlinico, Abano Terme)

Erectile Dysfunction - *Daniela Benedetto, Giuseppe Sangiorgi* (Tor Vergata University Hospital, Rome)

10.30

### FIVE MINUTES WITH AZEEM LATIB

Presenter: *Gianluca Massaro*

10.40

Coffee break

## Session 2 - The science behind DCB: Engineering and Biological Aspects

*Moderators: Francesco Bedogni, Giovanni Esposito, Michael Joner*

*Expert Discussants: Tiziana Aranzulla, Alaide Chieffo, Simon Eccleshall, Massimo Mancone, Bruno Scheller, Matias Szejfman, Giuseppe Tarantini*

11.00

Physico-chemical properties of Paclitaxel vs. Limus drugs - *Aloke V. Finn*

11.10

DCB coating materials and technology - *Azeem Latib*

11.20

Drug carriers in DCB - *Bernardo Cortese*

11.30

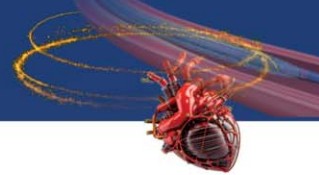
Excipients in DCBs - *Bruno Scheller*

11.40

Do we have any safety concerns for DCB utilization? - *Michael Joner*

11.50

Discussion "The science behind DCB" - All participants



### **Session 3 - I Wish My Dream Comes True: Current and Future Perspectives**

*Moderators: Antonio Colombo, Giuseppe Sangiorgi, Bruno Scheller*

*Expert Discussants: Giuseppe Andò, Battistina Castiglioni, Azeem Latib, Corrado Lettieri, Ciro Mauro, Daniela Trabattoni*

- 12.15 Novel Nanocarriers: from polymeric to nanoliposome and other nanocomplexes - *Azeem Latib*
- 12.25 Improvement of drug transfer and release into the vessel wall related to different excipient technologies - *Aloke V. Finn*
- 12.35 Does one DCB fit all? Pathologic differences compared to last generation DES - *Michael Joner*
- 12.45 The pathologist's view: what I would like to see when I evaluate a new DCB - *Stephan Tunev*
- 12.55 DCB Data at the Horizon: What to expect from RCT and what is likely to impact our Practice  
*Fernando Alfonso*
- 13.05 Discussion "I Wish My Dream Comes True: Current and Future Perspectives" - *All participants*

### **LUNCH SYMPOSIUM - Achieving Lipid Targets & Managing CV Risk: Reassessing our way with DCB**

*Moderators: Francesco Barillà, Gavino Casu, Battistina Castiglioni, Giulio Stefanini*

*Expert Discussants: Flavio Airoldi, Daniela Benedetto, Carlo Briguori, Ugo Limbruno, Massimo Mancone, Eugenio Martuscelli, Antonino Nicosia, Antonio Pifi, Alessandro Sciahbasi*

- 13.30 Early lipid-lowering and DCB in patients affected by ACS - *Carlo Di Mario*
- 13.40 PCSK9 and DCB: a liaison worth trying? - *Paolo Calabrò*
- 13.50 SIRNA new lipid-lowering strategies for the management of ASCVD patients in fast-track setting  
*Giuseppe Patti*
- 14.00 Add-on therapy with bempedoic acid to reduce LDL-cholesterol in patients at high and very high cardiovascular risk - *Giuseppe Musumeci*
- 14.10 Discussion "Achieving Lipid Targets & Managing CV Risk: Reassessing our way with DCB"  
*All participants*

## FRIDAY • 19<sup>th</sup> JANUARY 2024 • DAY 2

### **Session 4 - Head to Head Corner – Not All DCBs Are Born Equal**

*Moderators: Fernando Alfonso, Azeem Latib, Giuseppe Musumeci, Francesco Burzotta*

*Expert Discussants: Fausto Castriota, Ciro Mauro, Antonio Pifi, Fabrizio Tomai, Daniela Trabattoni, Francesco Versaci*

14.30 Paclitaxel should be the ideal DCB - *Bruno Scheller*

**VS.**

14.40 Limus family DCBs are here to grow - *Luca Testa*

14.50 Normal release DCB - is enough to get perfect results - *Carlo Di Mario*

**VS.**

15.00 Prolonged Release - is definitively the way to go - *Aloke Finn*

15.10 The peacemaker: Dual-drug DCB - *Bernardo Cortese*

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### **Session 5 - School of DCB: Instructions for Usage**

*Moderators: Bernardo Cortese, Jacopo Oreglia, Gennaro Sardella, Carlo Trani*

*Experts Discussant: Giacomo Boccuzzi, Francesco Burzotta, Battistina Castiglioni, Marco Contarini, Massimo Fineschi, Achille Gaspardone, Alessio La Manna, Emanuela Piccaluga, Rocco Edoardo Stio*

15.30 Lesion preparation: how to do it as best as possible - *Simon Eccleshall*

15.40 Acute recoil and dissection management after DCBs – how to overcome fear? - *Fernando Alfonso*

15.50 Cutting, Scoring, and debulking techniques before DCB: a smart option to improve long-term outcome? - *Gioel Gabrio Secco*

16.00 Imaging for DCB: my eyes are wide open, and I'll tell you why it's essential - *Carlo Di Mario*

16.10 Antiplatelet therapy after DCB: shorter or equal to "best in class" DES? - *Giulio Stefanini*





- 16.20 The role of DCB in late lumen enlargement: a class effect or only for few? - *Carlo Briguori*  
16.30 "If you can't beat them, work with them": hybrid treatment with DES and DCB - *Antonio Colombo*  
16.40 Are there specific clinical and anatomical scenarios where suboptimal outcomes of DES outweigh the advantages? - *Alaide Chieffo*  
16.50 Discussion - *All participants*

17.15 Coffee Break

### **(NON-CME) INDUSTRY TECHNOLOGY FORUM**

*Moderators: Antonio Colombo, Michael Joner, Fernando Alfonso*

- 17.30 Drug Crystallinity, particulate, drug carrier and ideal dose density for DCB coating - *Philip Steen*  
17.40 Amorphous DCB carrier for uniform coating and higher deliverability in complex situations - *Massimo Moreno*  
17.50 Novel submicron carriers: from polymeric to liposome and other submicron carriers - *Sandeep Basavarajaiah*  
18.00 Excipient technology: the past, the present, the future - *John Schultz*  
18.10 Improvement of drug transfer and release into the vessel wall related to different excipient technologies - *Aloke V. Finn*  
18.20 Physiologic release – is enough to get perfect results - *Stephan Tunev*  
18.30 Prolonged Release – is definitively necessary the way to go - *Jeffry Jump*

# SATURDAY • 20<sup>th</sup> JANUARY 2024 • DAY 3

## Session 1 - Established and Potential Clinical Advantages of DCB in Specific Anatomical and Clinical Settings

*Moderators: Marco Ferlini, Andrea Gagnor, Corrado Lettieri, Ugo Limbruno, Ciro Mauro*

*Experts Discussants: Daniela Benedetto, Giacomo Boccuzzi, Gaetano Contegiacomo, Stefano Galli, Alessio La Manna, Massimo Napodano, Gioel Gabrio Secco, Fabrizio Tomai, Francesco Versaci*

- 09.00 Evidence comparing DCB vs DES in patients with in-stent restenosis - *Jacopo Oreglia*
- 09.10 Evidence comparing DCB vs DES in small vessel disease - *Jose M. De la Torre Hernandez*
- 09.20 Evidence comparing DCB vs DES in bifurcation lesions - *Alfredo Marchese*
- 09.30 Evidence comparing DCB vs DES in diabetic patients - *Fernando Alfonso*
- 09.40 Evidence comparing DCB vs DES in high bleeding risk patients - *Ugo Limbruno*
- 09.50 Novel evidence of DCB in patients with acute coronary syndromes - *Giuseppe Tarantini*
- 10.00 Evidence comparing DCB vs DES in patients with diffuse disease - *Matias Szejfman*
- 10.10 Novel evidence of DCB in CTO patients - *Florim Cuculi*
- 10.20 Discussion - *All participants*

## 10.35 FIVE MINUTES WITH BERNARDO CORTESE

Presenter: *Gianluca Massaro*

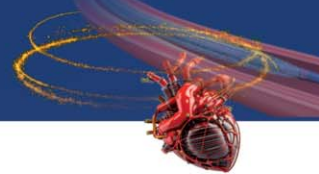
10.45 Coffee Break

## Session 2 - The “Left Nothing Behind” Strategy in Peripheral Intervention

*Moderators: Angelo Cioppa, Fausto Castriota, Marco Manzi, Sanny Trimarchi*

*Experts Discussants: Carlo Cernetti, Stefano Galli, Eugenio Martelli, Antonio Micari, Fabio Massimo Oddi, Louis Mariano Palena, Salvatore Saccà, Eugenio Stabile, Valerio Tolva*

- 11.0 DCB mortality in peripheral intervention: the fear it is over - *Aravind Nanjundappa*
- 11.10 DCB for proximal segment below the knee disease, or it's time also for distal? - *Tjun Tang*
- 11.20 Does DCB may hold promises also in critical limb ischemia treatment? - *Francesco Liistro*
- 11.30 Combined treatment in peripheral disease - *Fabrizio Fanelli*
- 11.40 AVF management: how DCB impact on clinical result - *Marco Franchin*



11.50 Rational and clinical results of DCB utilization in vasculogenic erectile dysfunction

*Giuseppe Massimo Sangiorgi*

12.10 Discussion "The "Left Nothing Behind" Strategy in Peripheral Intervention" - *All participants*

**LUNCH SYMPOSIUM - Peripheral Live in the Box**

*Moderators: Carlo Cernetti, Roberto Gandini, Piero Montorsi, Antonino Nicosia, Yamume Tshomba, Bruno Scheller*

*Experts Discussant: Angelo Cioppa, Fabrizio Fanelli, Stefano Fazzini, Stefano Galli, Francesco Liistro, Marco Manzi, Daniele Morosetti, Salvatore Saccà, Valerio Tolva, Sanny Trimarchi*

12.30 LIVE BOX 1 - SFA Native - *Aravind Nanjundappa*

12.50 LIVE BOX 2 - Carotid in-stent restenosis - *Antonio Micari*

13.10 LIVE BOX 3 - BTK - *Flavio Airoidi*

13.30 LIVE BOX 4 - Iliac artery disease - *Mauro Gargiulo*

13.50 Discussion "PERIPHERAL LIVE IN THE BOX" - *All participants*

**Session 3 - Food for thoughts and take-home messages**

*Moderators: Giuseppe Tarantini, Giuseppe Massimo Sangiorgi, Luca Testa*

*Expert Discussants: Daniela Benedetto, Gaetano Contegiacomo, Achille Gaspardone, Gaetano Giofrè, Gianluca Massaro, Stefano Rigattieri, Andrea Rognoni, Giulio Russo, Gian Paolo Ussia*

14.10 Stent use after DCB: too much or a recipe for diabetic patients? - *Fabrizio Ugo*

14.20 Current technical challenges and future of DCBs - *Juan Granada* (remote)

14.30 DCB in woman: Ready for prime time? - *Cristina Aurigemma*

14.40 The next RCT we need to design - *Gianluca Massaro*

14.50 Final Remarks - *Giuseppe Massimo Sangiorgi*

# GENERAL INFORMATIONS

## DATE AND VENUE

January 18-20, 2024

Nh Collection Vittorio Veneto

Corso d'Italia, 1, 00198 Roma

## ORGANIZING SECRETARIAT



### SUMMEET Srl

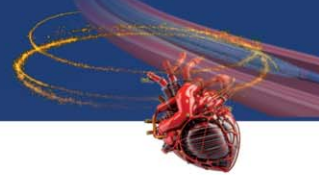
Via Paolo Maspero, 5 - 21100 Varese

Tel. 0332 231416 - Fax 0332 317748

[info@summeet.it](mailto:info@summeet.it)

[www.summeet.it](http://www.summeet.it)

# REGISTRATION



## REGISTRATION INSTRUCTIONS

To be done before or simultaneously with the start of the CME course in order to have the possibility to complete CME questionnaires at the end of the course and get credits.

1. Connect to the address: <https://www.congressdebs.it/>
2. Click to **REGISTER HERE** and you will arrive in: <https://fad.summeet.it/>
3. In case of first time access: create your personal account by clicking on "REGISTRAZIONE". If you have already registered for online courses, you can use the same credentials.
4. Find the course through the search function, entering CME code **604-402135**  
(for "DRUG-COATED BALLOONS IN CORONARY AND PERIPHERAL INTERVENTION: FROMBENCH TO BEDSIDE"  
Congress)
5. Enter the following access key to enroll in the course: **000224**
6. It will be possible to fill in the CME learning and satisfaction questionnaire within 3 days of the end of the course (the test will be considered passed with at least 75% correct answers).

## HELPDESK

In case of assistance, please contact [helpdesk@summeet.it](mailto:helpdesk@summeet.it)

## CME ACCREDITATION (Continuing Medical Education) - CODE 604-402135

The CME Provider Summeet Srl (n° 604) is scheduling into its 2024 program the event "DRUG-COATED BALLOONS IN CORONARY AND PERIPHERAL INTERVENTION: FROMBENCH TO BEDSIDE" with the aim to assign 11,9 credits. The event is intended for n. **200 Physicians** (Category: Cardiology; Hematology; Geriatrics; Metabolic Diseases And Diabetology; Admission And Emergency Medicine And Surgery; Internal Medicine; Neurology; Vascular Surgery; General Medicine (Family Physicians)).

The congress will be held in English.

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