We are pleased to welcome you to EUMS Paris 2018 from December 5 to 8 organized by La Pitié with new perspectives to mark up the maturity of the MCS (Mechanical Circulatory Support) therapy, 30 years of MCS already!

Several publications report on refractory heart failure patients despite advanced treatments: medication, rhythmology. Almost ~30% of patients are not responding to treatment. For these patients population, MCS could become a good alternative to improve care and living conditions.

For all these reasons we consider EUMS Paris 2018 the right time and the right place to make some changes we expect to have a positive impact for the patients’ treatment and medical community. We are pleased to welcome cardiologists from CRM and HF in addition to cardiac surgeons, anesthesiologists, intensivists, rehabilitationists and VAD coordinators.

Our final goal for the next decade is to expand the multidisciplinary approach in treating heart failure patients and develop Heart Failure Device Therapies.
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**WEDNESDAY DECEMBER 5, 2018**

**WELCOME COCKTAIL**
At the Congress venue, the Westin Paris - Vendôme Hotel

**THURSDAY DECEMBER 6, 2018**

**WELCOME ADDRESS**

**ROLE OF ELECTROPHYSIOLOGIST IN ADVANCED HF**
Chairmen: A. El Banoy any - USA, D. Zimpfer, Vienna - AUT

- BIV ICD alone or BIV ICS + VAD
- D. Horstmannshof, Oklahoma City - USA
- VT ablation-Pre, Peri-or Post LVAD
- X. Waintraub, Paris - FRA
- VAD in CRT non-responders
- P. Defaye, Grenoble - FRA
- Debate: BIV ICD is an unnecessary step delaying access to VAD
  - Pro
  - A. Boyle, Philadelphia - USA
  - O. Piot, Paris - FRA
- Round table with all the speakers

**TEMPORARY SUPPORT TO VAD OR DIRECT TO VAD**
Chairmen: J. Schmitto, Hannover - GER - S. Tsui, Cambridge - GBR

- Framing the issue
  - D. Zimpfer, Vienna - AUT
- Clinical cases
  - Case 1
  - D. Saeed, Leipzig - GER
  - Case 2
  - G. Lebreton, Paris - FRA
  - Case 3
  - D. Horstmannshof, Oklahoma City - USA
- Impella: intermediary step between ECMO and VAD
  - A. Guessaard, Bordeaux - FRA
- Chaired by S. Tsui, Cambridge - GBR
Panel discussion with all the speakers +
  - A. El Banayany, Oklahoma City - USA
  - J. Schmitto, Hannover - GER
  - S. Silvestry, Orlando - USA
  - G. Wiesethaler, San Francisco - USA

**THROMBOSIS AND THROMBOEMBOLIC EVENTS**
Chairmen: J. Bauersachs, Hannover - GER - A. Vincentelli, Lille - FRA

- Clinical case
  - A. Bougle, Paris - FRA
- Clinical incidence in temporary support - Catheter and ECMO
  - C.-E. Luyt, Paris - FRA
- Clinical incidence in durable support
  - U. Jorde, New-York - USA
- Mechanisms of thrombosis in MCS and anti thrombotics
  - M. Stelian, Tucson - USA
- Relationships between stroke and LV function in VAD patients
  - P. Ivak, Prague - CZE
- Role of monitoring and management
  - G. Wiesethaler, San Francisco - USA
Panel discussion with all the speakers

**SURGICAL SESSION**
Chairmen: G. Laufer, Vienna - AUT - J. Long, Oklahoma City - USA

- Vascular access for ECMO percutaneous vs surgical implantation and removal
  - G. Lebreton, Paris - FRA
- Debate: should we fix the mitral valve during VAD implantation?
  - W. Dembitsky, San Diego - USA
  - Con
  - D. Zimpfer, Vienna - AUT
- Round table - Chaired by J. Long, Oklahoma City - USA
  - Pre- per- and post-operative bleeding: revisited management
  - A. Bougle, Paris - FRA
  - I. Gregoric, Houston - USA
  - S. Silvestry, Orlando - USA
  - D. Zimpfer, Vienna - AUT
- Round table - Chaired by G. Laufer, Vienna - AUT
  - Tips and Tricks for mini invasive:
    - Pre op screening
    - Circulatory support: None, ECMO, CPB
    - Special tools
    - Pump positioning
    - M. Kindo, Strasbourg - FRA
    - J. Schmitto, Hannover - GER
    - S. Silvestry, Orlando - USA
    - D. Zimpfer, Vienna - AUT

**VAD UPDATE SESSION**
Chairmen: D. Horstmannshof, Oklahoma City - USA, B. Meyns, Leuven - BEL

- ABBOTT
  - C. Dague, Burlington - USA
- ABIOMED
  - Future directions in hemodynamic support
    - A. Medjamia, Danvers - USA
- MEDTRONIC
  - HVAD enhancements & future innovation
    - L. Ensor, Framingham - USA
- RELIANTHEART
  - Internet of medical things. Smart pump + Smart management
    - N. Uriel, Chicago - USA
- BERLIN HEART
  - Update on ventricular assist devices
    - D. Medart, Berlin - GER

**CONGRESS DINNER**
At the Congress venue, the Westin Paris - Vendôme Hotel
The welcome drink will be served in the Jardin d’Hiver and the dinner in the restaurant Le First.
You can buy your ticket at the Congress welcome desk.

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**HAVE A LOOK AT THE EUMS WEB-APPLICATION:**

Option 1: Scan this QR Code

Discover the scientific programme, partners, the abstracts and more
11:00 ROLE OF ELECTROPHYSIOLOGIST IN ADVANCED HF

09:00

13:00 TEMPORARY SUPPORT TO VAD OR DIRECT TO VAD

09:00

SESSION

Discover the scientific programme, partners, the abstracts and more

Option 2: Go on http://webapp.congresseums.com/

HAVE A LOOK AT THE EUMS WEB-APPLICATION:

Chairmen: A. El Banayosy, Oklahoma City - USA, D. Zimpfer, Vienna - AUT

Tips and Ticks for mini invasive:

You can buy your ticket at the Congress welcome desk.

At the Congress venue, the Westin Paris - Vendôme Hotel

Meeting at the entrance of the Westin Paris - Vendôme Hotel

08:00

08:15

CLINICAL CASES: NOT GOOD, NOT BAD BUT INFORMATIVE FOR THE OTHERS

Chairmen: P. Leprince, Paris - FRA - F. Romjankhan, Utrecht - NLD

Case 1: A. Lo forte, Bologna - ITA

Case 2: U. Jorde, New-York - USA

Case 3: M. Kindo, Strasbourg - FRA

09:00

CARDIOGENIC SHOCK SPECTRUM: SHORTTERM SUPPORT: WHEN, WHERE AND HOW

Chairmen: A. Haverich, Hannover - GER - C. Spaulding, Paris - FRA

Shock spectrum: M. Slepian, Tucson - USA

Severe myocardial dysfunction from non-ischemic cardiac arrest: effectiveness of percutaneous assistances on outcome and hemodynamic: S. Manzo-Silberman, Paris - FRA

Comparison of mechanical hemodynamic support by Impella versus ECMO in a porcine model of acute myocardial infarction: G. Lebret, Paris - FRA

French shock registry: C. Delmas, Toulouse - FRA

Percutaneous temporary support systems: D. D’Alessandro, Boston - USA

Role of coordinated network for the management of shock: A. El Banayosy, Oklahoma City - USA

Panel discussion with all the speakers

10:30 - 11:00 COFFEE BREAK

11:00 STATEMENT: THE TIME HAS COME TO CHANGE THE PARADIGM?

LVAD = LEFT VENTRICULAR FAILURE AND CARDIAC TRANSPLANTATION = BIVENTRICULAR FAILURE

Chairmen: S. Nabi bantgi, Izmir - TUR - S. Silvestry, Orlando - USA

State the hypothesis: J. Lahpor, Ottawa - CAN

Definition of isolated - real vs borderline LV Failure: N. Uriel, Chicago - USA

Case example: H. Eisen, Philadelphia - USA

How to design a study: H. Eisen, Philadelphia - USA

Peripheral contributions to RV – “The consequences of backwards failure”

Cardiac transplantation and French allocation score: more VAD or more Tx?

R. Dorent, Paris - FRA

Panel discussion with all the speakers

13:00 - 14:00 LUNCH BREAK

14:00 HOW CAN WE REDUCE ADVERSE EVENTS – A HOLISTIC LOOK AND APPROACH WITH EMERGING TECHNOLOGIES

Chairmen: U. Jorde, New-York - USA, H. Schima, Vienna - AUT

Adverse event revisited and definition: what is acceptable and what is not? J. Lahpor, Ottawa - CAN

Role of the community and referring MD: P. Mohacsy, Zürich and Basel - CHE

Role of the MICS team, team approach: D. Horstmannshof, Oklahoma City - USA

Device improvements: C. Dague, Burlington - USA

Pharmacologic improvements: M. Slepian, Tucson - USA

External/Peripheral improvements/implantable: H. Schima, Vienna - AUT

Remote monitoring: T. Eliott, Washington DC - USA

Panel discussion with all the speakers

15:00 – 16:00 COFFEE BREAK

16:00 STRUCTURAL HEART TREATMENT IN HEART FAILURE

Chairmen: J.-P. Collet, Paris - FRA - P. Leprince, Paris - FRA

TAVI and low LVEF: C. Fraccaro, Padova - ITA

Mitraclip and heart failure: definitive therapy or bridge to transplantation: P. Guerin, Nantes - FRA

Emerging technologies: cardiome: A. Flett, Southampton - GBR

Structural heart therapy in LVAD patients: W. Dembetsy, San Diego - USA

Panel discussion with all the speakers

17:00 VAD UPDATE SESSION 2

Chairmen: J. Lahpor, Ottawa - CAN - G. Lebret, Paris - FRA

CYTOSORBENTS – TERUMO

Protect your surgery results – Prevent and treat systemic hyperinflammation in cardiac surgery: P. Balboni, Berlin - GER

ABBOTT

COR-WAVE

The wave membrane pump: C. Botterbusch, Clichy - FRA

REIN VAD

The ReinVAD LVAD – smart technology to enhance long-term circulatory support therapy: R. Graef, Aachen - GER

CARMAT

Early clinical experience with an auto regulated artificial heart: P. Jansen, Paris - FRA

XENIOS

I-cor synchronized cardiac assist: I. Simundic, Heilbronn - GER

SYNCARDIA

The new XQ Freedom: M. Ennen, Tucson - USA

Vadovation

13:00 - 14:00 LUNCH BREAK

10:30 SPECIAL LECTURE

Black Holes - an introduction to Stephen Hawking’s work: C. Galfard, Paris – FRA

11:00 – 11:30 COFFEE BREAK

11:30 EMERGING TECHNOLOGIES WITH POTENTIAL FOR MCS

Chairmen: A. El Banayosy, Oklahoma City - USA - P. Leprince, Paris - FRA

Wearables: M. Slepian, Tucson - USA

Role of telemedicine in heart failure: pre VAD survey and post VAD follow-up: P. Jourdain, Paris - FRA

Implantable monitors: N. Uriel, Chicago - USA

Electrodynamic applied to MCS: B. Nogarede, Toulouse - FRA

Round table

13:00 CLOSING REMARKS
**CONGRESS VENUE**

THE WESTIN PARIS - VENDÔME: 3, Rue de Castiglione - 75001 PARIS, France - Ph.: +33 (0)1 44 77 11 11

**LOGISTICS ORGANISATION AND REGISTRATION**

OVERCOME: 13-15, Rue des Sablons – 75116 PARIS, France
Ph: +33(0)1 40 88 97 97 - Fax: +33 (0)1 43 59 76 07 - E-mail: eums@overcome.fr

**REGISTRATION**

<table>
<thead>
<tr>
<th></th>
<th>On-site registration</th>
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</thead>
<tbody>
<tr>
<td>Delegates</td>
<td>€ 560.00</td>
</tr>
<tr>
<td>Nurses/Technicians/Students</td>
<td>€ 280.00</td>
</tr>
<tr>
<td>Congress Dinner on Thursday December 6, 2018</td>
<td>€ 100.00</td>
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The registration fee includes:
Access to the scientific sessions and the exhibition, daily breaks and lunches as well as Congress documents.

**ACCOMMODATION**

OVERCOME – HOUSING DEPARTMENT
Ph : +33(0)1 40 88 97 97 - e-mail : eumshousing@overcome.fr

**TRANSPORTATION**

“13th European Mechanical Circulatory support Summit” 33371AF
valid from 30/11/2018 to 13/12/2018

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* Hybrid portfolio does not currently include custom configurations