7th International Congress of the Swiss Society for Pulmonary Hypertension

Celebrating 20 years of the SSPH

November 08 – 09, 2018

Palais de l'Athénée, Geneva, Switzerland

sgph2018.congress-imk.ch
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**Online Registration:**
[sgph2018.congress-imk.ch](http://sgph2018.congress-imk.ch)
Welcome to Geneva

Dear colleagues,

It is our privilege to invite and welcome you to the SSPH Congress 2018 and to celebrate 20 years of the Swiss Society for Pulmonary Hypertension.

The event will take place at the Palais de l’Athénée in Geneva from November 8 - 9, 2018. The scientific program will provide state-of-the-art sessions given by experts as well as a platform for the presentation of original research in the field of pulmonary hypertension. In addition, there will be a specific session for nurses, an award ceremony and you will have the possibility to attend satellite symposia.

The main topics of the scientific program revolve around:

- Celebrating 20 years of the SSPH
- Pulmonary hypertension and autoimmunity
- New and non-invasive approach of haemodynamic exploration
- Highlights from the 6th World Symposium on Pulmonary Hypertension
- Pulmonary hypertension from childhood to adulthood
- Chronic thromboembolic pulmonary hypertension
- The liver and the pulmonary circulation

You will have the great opportunities to meet colleagues from the field and to get in contact with renowned experts from Switzerland, Belgium, France, Germany, Italy, Scotland, the Netherlands, Australia, Canada, and the USA.

Save the date for the 7th International Congress of the Swiss Society for Pulmonary Hypertension and be part of the celebration of 20 years SSPH. We look forward to welcoming you in Geneva.

For the scientific committee

PD Dr. Frédéric Lador, MD-PhD
President of the SSPH

Prof. Dr. Silvia Ulrich, MD
Lead Scientific Committee
**General Information**

**Date**  
November 8 - 9, 2018

**Congress Venue**  
Palais de l’Athénée  
Rue de l’Athénée 2, 1205 Geneva, Switzerland  
www.societedesarts.ch/palais-de-lathenee

**Congress Website**  
sgph2018.congress-imk.ch

**Scientific Committee**  
PD Dr. Frédéric Lador, MD-PhD, Geneva | President  
Prof. Dr. John-David Aubert, MD, Lausanne  
Dr. Andrea Azzola, MD, Lugano  
Prof. Dr. Jean-Marc Fellrath, MD, Neuchâtel  
Prof. Dr. Markus Schwerzmann, MD, Bern  
Prof. Dr. Silvia Ulrich, MD, Zurich

**Website of the Society**  
www.sgph.ch

**Professional Congress Organizer (PCO)**  
**IMK** Institute for medicine and communication Ltd  
Münsterberg 1, CH-4001 Basel  
Phone +41 61 271 35 51 | Fax +41 61 271 33 38  
congress@imk.ch | www.imk.ch

**Registration**  
Online via sgph2018.congress-imk.ch for your participation at the congress and the networking event.

**Participation Fees (CHF)**

<table>
<thead>
<tr>
<th></th>
<th>Early Bird Until October 7, 2018</th>
<th>October 8, 2018 – Onsite</th>
<th>08.11.2018</th>
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<tbody>
<tr>
<td><strong>Day ticket</strong></td>
<td><strong>2 days</strong></td>
<td><strong>Day ticket</strong></td>
<td><strong>2 days</strong></td>
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<tr>
<td><strong>Members SSPH</strong></td>
<td>150</td>
<td>200</td>
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<tr>
<td><strong>Non-Members Physicians</strong></td>
<td>190</td>
<td>300</td>
<td>240</td>
</tr>
<tr>
<td>**Residents</td>
<td>Students</td>
<td>PhD</td>
<td>Post Docs</td>
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</tbody>
</table>

**Cancellation Policy**  
**IMK** must be informed about cancellations in written form. Until October 7, 2018 50% of the congress fees will be reimbursed. After October 7, 2018 no refunds can be made.
General Information

Confirmation of Participation
Attendants will receive an electronic confirmation of participation per e-mail after completing a questionnaire regarding the scientific content and the organization of the meeting.

Credits
Credits have been confirmed by the following societies:

<table>
<thead>
<tr>
<th>Society</th>
<th>November 8, 2018</th>
<th>November 9, 2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>Swiss Society of Cardiology</td>
<td>6</td>
<td>7</td>
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<tr>
<td>Swiss Society for Intensive Care</td>
<td>4</td>
<td>6</td>
</tr>
<tr>
<td>Swiss Society for General Internal Medicine</td>
<td>4</td>
<td>6</td>
</tr>
<tr>
<td>Swiss Society for Pneumology</td>
<td>4</td>
<td>6.5</td>
</tr>
<tr>
<td>Swiss Society for Rheumatology</td>
<td>6</td>
<td>7</td>
</tr>
</tbody>
</table>

Opening Hours
Congress Secretariat
Thursday, November 8, 2018, 09:30-18:00
Friday, November 9, 2018, 07:45-17:30

Opening Hours
Industrial Exhibition
Thursday, November 8, 2018, 10:00-18:00
Friday, November 9, 2018, 08:00-16:00

Congress Language
The presentations and slides are in English.

Information for Speakers
The lecture halls are equipped with laptop and beamer. We ask the speakers to save their presentation on a USB memory stick and to take it directly to the respective lecture hall as soon as possible; during the last break before the session starts at the latest.

Case Reports
The case reports on Friday, November 9, 2018, 11:40-12:25 are presentations that have been selected from submitted abstracts. In order to keep the schedule, presenters are asked to keep to the allotted speaking time (7min. presentation + 3min. discussion). Please avoid gaps between speeches.

Posters
Posters have to be in the format A0 portrait 118.9cm x 84.1cm (height x width). Material/poster strips to hang up your poster will be at your disposal. Hang-up of your poster: Thursday, November 8, 2018, from 9:30-12:00.

Posterviewing
The presenting author is asked to be present at his poster during the official poster viewing: Thursday, November 8, 2018, 12:30-13:10.
General Information

Awards
The following prizes will be awarded during the award ceremony:
- Rudolph Speich Award
- Poster Prize
- Case Report Prize

Award Ceremony
The award ceremony will take place on Friday, November 9, 2018 from 17:20-17:30.

Accommodation
We reserved a contingent of rooms at special rates at the Tiffany Hotel in Geneva. For booking and price information, please refer to the congress website: sgph2018.congress-imk.ch

Networking Event
Thursday, November 8, 2018 | 19:30
Restaurant-Hôtel du Parc des Eaux-Vives | www.parcdeseauxvives.ch
Quai Gustave Ador, 82 | 1207 Geneva

Fees:
Members | Non-Members Physicians: CHF 80.-
Residents | Students | PhD | Post Docs | Nurses: CHF 40.-

Tickets can be purchased in connection with the online registration for the congress: sgph2018.congress-imk.ch
Directions

Travel Information
The Palais de l’Athénée is located next to the old town of Geneva, near Place Neuve and Bastions Park. The Saint-Antoine car park is located 100 meters away.

Public Transport
Bus number 3, 5 and 7: until bus stop “Athénée”
Tram number 12 and 18: until tram stop “Place-Neuve”
The Institute for medicine and communications (IMK Ltd) based in Basel has been a valued partner in the Swiss healthcare market for 25 years, promoting the exchange between medical professionals, patients and industry.

Congress management, office management, financial management and communications belong to the core competencies of IMK Ltd.
Thursday, November 8, 2018

10:30-10:45
Welcome and Opening Comments
Salle des Abeilles
SSPH President: Frédéric Lador, Geneva, CH

10:45-12:05
Celebrating 20 years of the SSPH
Salle des Abeilles
Chairs: Charlotte Berlier, Zurich, CH; Hans Stricker, Locarno, CH

From Geneva to Nice: an Historical Perspective
Guido Domenighetti, Locarno, CH

10:45-11:05
Pathophysiology of the Pulmonary Circulation
Marco Maggiorini, Zurich, CH

11:05-11:25
Genetics and Genomics in Pulmonary Arterial Hypertension
David Montani, Le Kremlin-Bicêtre/Paris, FR

11:25-11:50
Perspective for SSPH in the 21st Century
Andrea Azzola, Lugano, CH

12:05-14:10 Lunch

12:30-13:10 Posterviewing Session

13:10-14:10 Satellite Symposium organized by
Delaying disease progression in PAH – a common goal
Salle des Abeilles
Chairs: Silvia Ulrich, Zurich, CH; Frédéric Lador, Geneva, CH

13:10-13:40 Keeping an eye out for the silent progression of PAH
A. Vonk Noordegraaf; Amsterdam, NL

13:40-14:10 Clinical cases in PAH – the role of treatment goals
H. Klose; Hamburg, DE
Thursday, November 8, 2018

14:10-15:30  
Pulmonary Hypertension and Autoimmunity  
Salle des Abeilles  
Chairs: Jean-Marc Fellrath, Neuchâtel, CH; Michael Tamm, Basel, CH

14:10-14:30  
The Role of Autoimmunity in the Pathogenesis of Pulmonary Arterial Hypertension  
Norbert Voelkel, Amsterdam, NL

14:30-14:50  
Pulmonary Arterial Hypertension due to Autoimmune Diseases  
Eric Hachulla, Lille, FR

14:50-15:10  
Pulmonary Hypertension due to Lung Fibrosis  
Vincent Cottin, Lyon, FR

15:10-15:30  
Early Diagnosis of Pulmonary Arterial Hypertension in Autoimmune Diseases  
Ekkehard Grünig, Heidelberg, DE

15:30-16:00  
Coffee Break

16:00-17:30  
New and Non-Invasive Approach of Haemodynamic Exploration  
Salle des Abeilles  
Chairs: Alberto Pagnamenta, Mendrisio, CH; Patrick Yerly, Lausanne, CH

16:00-16:20  
Assessing Ventriculo-Arterial Coupling with MRI  
Anton Vonk Noordegraaf, Amsterdam, NL

16:20-16:40  
Imaging the Right Ventricle Under Exercise  
Andre La Gerche, Melbourne, AU

16:40-17:00  
New Developments in Echocardiography  
Ekkehard Grünig, Heidelberg, DE

17:00-17:20  
Innovative and Non Invasive Hemodynamic Evaluation in PH  
Andrew Peacock, Glasgow, UK

17:30-18:00  
Cocktail in the Industrial Exhibition

18:00-18:45  
General Assembly SSPH

19:30  
Networking Event: Restaurant-Hôtel du Parc des Eaux-Vives
Saturday, November 10, 2018

08:25-08:30

Opening Comments
President-elect SSPH: Andrea Azzola, Lugano, CH

08:30-09:50

Highlights from the 6th World Symposium on Pulmonary Hypertension
Chairs: Maurice Beghetti, Geneva, CH; Anton Vonk Noordegraaf, Amsterdam, NL

08:30-08:50

New Definition of Pulmonary Hypertension and Exercise Haemodynamics
Silvia Ulrich, Zurich, CH

08:50-09:30

Risk Stratification and Treatment Strategy for Pulmonary Arterial Hypertension
Olivier Sitbon, Le Kremlin-Bicêtre/Paris, FR

09:30-09:50

Trials Design & New Therapies for Pulmonary Arterial Hypertension
Marion Delcroix, Leuven, BE

08:30-09:50

Session for Nurses
Chair: Margret Riboch, Lugano, CH

08:30-08:50

Prevention of Edema in Patient with PH
Simone Stickel, Zurich, CH

08:50-09:10

Challenge with Oxygentherapy
Katharina Burkhardt, Locarno, CH

09:10-09:30

Case Report
Monika Sorge Maitre, Geneva, CH

09:30-09:50

Case Report – Child with S/C Remodulin Therapy
Susanne Krebser, Berne, CH

09:50-10:20

Coffee Break
Friday, November 9, 2018

10:20-11:40  
Pulmonary Hypertension from Childhood to Adulthood  
Chairs: John-David Aubert, Lausanne, CH; Maurice Beghetti, Geneva, CH

10:20-10:40  
Pulmonary Hypertension in the Newborn  
Tilman Humpl, Toronto, CA

10:40-11:00  
Transition from Childhood to Adulthood  
Maurice Beghetti, Geneva, CH

11:00-11:20  
Surgery for Congenital Heart Disease  
René Prêtre, Lausanne, CH

11:20-11:40  
Management of PAH Associated to Congenital Heart Diseases  
Markus Schwerzmann, Berne, CH

11:40-12:25  
Case Reports  
Chairs: Andrea Azzola, Lugano, CH; Otto Schoch, St. Gallen, CH

11:40-11:50  
O1 | Manifestation of severe pulmonary arterial hypertension decades after ventricular septal defect closure  
M Zurek, MT Maeder, H Rickli, R Kleiner, N Ehl; St. Gallen

11:50-12:00  
O2 | A severe PAH revealing a veno-occlusive disease about a case  
N Djami, A Fissah, N Slimani, K Sik; Alger, DZ

12:00-12:10  
O3 | Acute pulmonary artery dissection in pulmonary arterial hypertension  
C Berlier, S Ulrich; Zurich

12:10-12:20  
O4 | Pulmonary Arterial Hypertension due to Congenital Heart Disease – Think of it in adults!  
M Lichtblau, C Berlier, M Greutmann, S Ulrich; Zurich

12:20-12:25  
Discussion

12:25-13:00  
Lunch / Posterviewing

13:00-14:00  
Satellite Symposium organized by OrPha Swiss  
Vienna Long-term Experience with s.c. Treprostinil – Tips and Tricks  
Nika Skoro-Sajer, Vienna, AT
Friday, November 9, 2018

14:15-15:35  Chronic Thromboembolic Pulmonary Hypertension
Salle des Abeilles
Chairs: Anne-Lise Hachulla, Geneva, CH; Isabelle Schmitt-Opitz, Zurich, CH

14:15-14:35  Epidemiology of CTEPH
John-David Aubert, Lausanne, CH

14:35-14:50  Exercise Response Before and After Endarterectomy
Andre La Gerche, Melbourne, AU

14:50-15:10  Balloon Pulmonary Angioplasty
Hélène Bouvaist, Grenoble, FR

15:10-15:35  The Swiss CTEPH Board
Frédéric Lador, Geneva, CH; Silvia Ulrich, Zurich, CH

15:35-16:00  Coffee Break

16:00-17:20  The Liver and the Pulmonary Circulation
Salle des Abeilles
Chairs: Paola Gasche-Soccal, Geneva, CH; John-David Aubert, Lausanne, CH

16:00-16:20  Porto-Pulmonary Hypertension
Olivier Sitbon, Le Kremlin-Bicêtre/Paris, FR

16:20-16:40  Hepato-Pulmonary Syndrome
Laurent Savale, Le Kremlin-Bicêtre/Paris, FR

16:40-17:00  The Heart, Victim of the Liver: Evidence by Imaging
Anne-Lise Hachulla, Geneva, CH

17:00-17:20  The Liver, Victim of the Heart
Laurent Spahr, Geneva, CH

17:20-17:30  Award Ceremony and Closing Remarks
Salle des Abeilles
Chairs: Frédéric Lador, Geneva, CH; Silvia Ulrich, Zurich, CH
P01  Echocardiographic assessment in lowlanders vs. highlanders living above 2500m
M Lichtblau¹, S Saxer¹, P Bader¹, M Furian¹, P Scheiwiller¹, M Mademilov², B Estebesova², B Osmonov², N Marazhapov², U Sheraliev², T Sooronbaev², K Bloch¹, S Ulrich¹;
¹Zurich, CH, ²Bishkek, KG

P02  Right atrial pressure at rest and during exercise in patients with and without pulmonary hypertension: A retrospective analysis
P Bader, L Herren, S Saxer, M Lichtblau, C Berlier, E Schwarz, M Furian, K Bloch, S Ulrich; Zurich

P03  Real-life experience with oral triple combination therapy in pulmonary arterial and distal chronic thromboembolic pulmonary hypertension
C Berlier, E Schwarz, S Saxer, M Lichtblau, S Ulrich; Zurich

P04  Trisomy 21 and Eisenmenger syndrome in Switzerland – patient characteristics, treatment modalities and contemporary outcomes
M Schwerzmann; Bern

P05  Comparison between cardiac magnetic resonance and echocardiography for the evaluation of right ventricular function in patients with pulmonary hypertension
M Schwerzmann; Bern

P06  Baseline characteristics associated with a dyspnoea after an acute pulmonary embolism. Results of the INPUT multicentre prospective study
N Coquoz¹, D Weilenmann², D Stolz³, V Popov⁴, A Azzola⁵, J Fellrath⁶, H Stricker⁷, A Pagnamenta⁸, S Ott⁹, S Ulrich⁴, S Győrik¹⁰, J Pasquier¹¹, J Aubert¹¹; ¹Martigny, ²St. Gallen, ³Basel, ⁴Zurich, ⁵Lugano, ⁶Neuchâtel, ⁷Locarno, ⁸Mendrisio, ⁹Bern, ¹⁰Bellinzona, ¹¹Lausanne

P07  Switching bosentan to macitentan in pulmonary arterial hypertension: an ongoing investigator-initiated prospective multicenter study
M Nguyen¹, J Aubert¹, J Fellrath², C Pellaton², F Lador³, M Beghetti³, H Muller³, J Vallée³, T Rutz¹, J Schwitter¹, P Yerly¹; ¹Lausanne, ²Neuchâtel, ³Geneva
List of Invited Speakers & Chairs

A
Prof. Dr. John-David Aubert, MD
Centre Hospitalier Universitaire Vaudois
Service de Pneumologie et
Centre de Transplantation Pneumologie
Rue du Bugnon 46
1011 Lausanne, CH

Dr. Andrea Azzola, MD FCCP
Ospedale Civico
Pneumologia
Via Tesserete 46
6903 Lugano, CH

B
Prof. Dr. Maurice Beghetti, MD
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Unité de cardiologie pédiatrique
Rue Willy-Donzé 6
1211 Genève, CH

Dr. Charlotte Berlier, MD
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Klinik für Pneumologie
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8091 Zürich, CH

Dr. Hélène Bouvaist, MD
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Boulevard de la Chantourne
38043 Grenoble, FR

Katharina Burkhardt
Lega Polmonare Ticinese
Via Varenna 16
6600 Locarno, CH

C
Prof. Dr. Vincent Cottin, MD
Hôpital Louis Pradel
Service de pneumologie
28 Avenue Doyen Lepine
69677 Lyon, FR

D
Prof. Dr. Marion Delcroix, MD
ZU Leuven
Pneumoloog
Herestraat 49
3000 Leuven, BE

PD Dr. Guido Domenighetti, MD
Ospedale Regionale di Locarno
Pneumologia
Via all’Ospedale 1
6600 Locarno, CH

F
Prof. Dr. Jean-Marc Fellrath, MD
Hôpital Neuchâtelois
Pneumologie
Rue de la Maladière 45
2000 Neuchâtel, CH

G
Prof. Dr. Paola Gasche-Soccal, MD
Hôpitaux Universitaires Genève
Pneumologie
Rue Gabrielle-Perret-Gentil 4
1205 Genève, CH

Prof. Dr. Ekkehard Grünig, MD
Thoraxklinik Heidelberg
Zentrum für Pulmonale Hypertonie
Röntgenstrasse 1
69126 Heidelberg, DE

H
PD Dr. Anne-Lise Hachulla, MD
Hôpitaux Universitaires Genève
Radiologie
Rue Gabrielle-Perret-Gentil 4
1211 Genève, CH

Prof. Dr. Eric Hachulla, MD
CHRU de Lille – Hôpital Claude Huriez
Médecine interne
Rue Michel Polonovski
59037 Lille, FR
List of Invited Speakers & Chairs

H

Prof. Dr. Tilman Humpl, MD
The Hospital for Sick Children
555 University Avenue
M5G 1X8 Toronto, CA

K

Susanne Krebser
Inselspital, Universitätsspital Bern
Universitätsklinik für Pneumologie
Freiburgstrasse
3010 Bern, CH

L

Prof. Dr. Andre La Gerche, MD
Baker Heart and Diabetes Institute
Sports Cardiology
75 Commercial Rd
3004 Melbourne, AUS

PD Dr. Frédéric Lador, MD–PhD
Hôpitaux Universitaires Genève
Service de pneumologie
Rue Gabrielle-Perret-Gentil 4
1211 Genève, CH

M

Prof. Dr. Marco Maggiorini, MD
UniversitätsSpital Zürich
Institut für Intensivmedizin
Rämistrasse 100
8091 Zürich, CH

Prof. Dr. David Montani, MD–PhD
Hôpital Bicêtre
(Hôpitaux Universitaires Paris-Sud)
Centre de Référence Français de l'Hypertension Pulmonaire
78 rue du Général Leclerc
94270 Le Kremlin-Bicêtre, FR

P

PD Dr. Alberto Pagnamenta, MD
Ospedale Regionale di Mendrisio
Medicina intensiva
Via Turconi 23
6850 Mendrisio, CH

Prof. Dr. Andrew Peacock, MD
Regional Heart and Lung centre
Scottish Pulmonary Vascular Unit
Glasgow G81 4DY, GB

Prof. Dr. René Prêtre, MD
Centre Hospitalier Universitaire Vaudois
Chirurgie cardiaque
Rue du Bugnon 46
1011 Lausanne, CH

R

Margret Riboch-Römer
Lega Polmonare Ticinese
Via alla Campagna 9
6904 Lugano, CH

S

Dr. Laurent Savale, MD–PhD
Hôpital Bicêtre
Pneumologie
78 Rue du Général Leclerc
94270 Le Kremlin-Bicêtre, FR

Prof. Dr. Isabelle Schmitt–Opitz, MD
UniversitätsSpital Zürich
Klinik für Thoraxchirurgie
Rämistrasse 100
8091 Zürich, CH

Prof. Dr. Otto Schoch, MD
Kantonsspital St. Gallen
Klinik für Pneumologie und Schlafmedizin
Rorschacher Strasse 95
9007 St. Gallen, CH
List of Invited Speakers & Chairs

S
Prof. Dr. Markus Schwerzmann, MD
Inselspital, Universitätsspital Bern
Universitätsklinik für Kardiologie
Freiburgstrasse
3010 Bern, CH

Prof. Dr. Olivier Sitbon, MD-PhD
Hôpital Bicêtre
(Hôpitaux Universitaires Paris-Sud)
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78 Rue du Général Leclerc
94270 Le Kremlin-Bicêtre, FR

Monika Sorge Maitre
Hôpitaux Universitaires Genève
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Rue Gabrielle-Perret-Gentil 4
1211 Genève, CH

Prof. Dr. Laurent Spahr, MD
Hôpitaux Universitaires Genève
Gastro-entérologie et hépatologie
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1211 Genève, CH

Simone Stickel
UniversitätsSpital Zürich
Klinik für Pneumologie
Rämistrasse 100
8091 Zürich, CH

PD Dr. Hans Stricker, MD
Ospedale Regionale di Locarno
Angiologia
Via all'Ospedale 1
6600 Locarno, CH

T
Prof. Dr. Michael Tamm, MD
Universitätsspital Basel
Pneumologie
Petersgraben 4
4031 Basel, CH

Prof. Dr. Silvia Ulrich, MD
UniversitätsSpital Zürich
Klinik für Pneumologie
Rämistrasse 100
8091 Zürich, CH

V
Dr. Norbert Voelkel, MD
VU University Medical Center Amsterdam
Pulmonale hypertensie
De Boelelaan 1117
1081 HV Amsterdam, NL

Prof. Dr. Anton Vonk Noordegraaf, MD
VU University Medical Center Amsterdam
Pulmonale hypertensie
De Boelelaan 1117
1081 HV Amsterdam, NL

Y
Dr. Patrick Yerly, MD
Centre Hospitalier Universitaire Vaudois
Cardiologie
Rue du Bugnon 46
1011 Lausanne, CH
Industrial Exhibition

Opening hours of the industrial exhibition

Thursday, November 8, 2018, 10:00-18:00
Friday, November 9, 2018, 08:00-16:00

List of Exhibitors
The following companies will support the meeting and present their products and services at the exhibition.

- Actelion
- GlaxoSmithKline
- MSD
- OrPha Swiss
- Sitex

Partner Companies

We thank the following partner companies for their generous support:

Diamond Partner Company 2018

Premium Partner Company 2018

Partner Company 2018

Supporter Company 2018

Last update: September 2018
• 40% risk reduction of morbidity/mortality events with Uptravi®

• in combination with an ERA and/or a PDE-5i or as monotherapy

• individualised dosing to achieve optimal outcome benefits for your PAH patients

• 1 tablet twice daily once maintenance dose is achieved