Program

6th International Congress of the Swiss Society of Pulmonary Hypertension

September 17 - 18, 2015

Hotel Zürichberg,
Zurich, Switzerland

www.imk.ch/sgph2015
Dear colleagues,

After an enlightening meeting in 2012, the Swiss Society for Pulmonary Hypertension SSPH, is pleased to announce you the next SSPH Congress 2015.

The event will take place in the Hotel Zürichberg in Zurich from September 17 to 18, 2015. We are proud to present several internationally renowned speakers and an interesting program for stimulating discussions.

The main topics of the scientific program revolve around:

- Epidemiology, Registries and Classification
- Chronic Thromboembolic Pulmonary Hypertension
- Pulmonary Circulation under Stress
- Pulmonary Hypertension at the extremes

The presentations are accompanied by pro and contra debates, poster viewings, satellite symposia and an award ceremony. You will have great opportunities to get in contact with renowned experts from Austria, Belgium, France, Germany, Scotland and Switzerland as well as meet colleagues from the field.

We look forward to welcoming you in Zurich.

For the scientific committee

PD Silvia Ulrich Somaini, MD
President of the SSPH

Andrea Azzola, MD
Lead Scientific Committee
General Information

Date        September 17 - 18, 2015
Congress venue        Sorell Hotel Zürichberg
Orellistrasse 21, 8044 Zurich, Switzerland
www.zuerichberg.ch
Congress website        www.imk.ch/sgph2015
Website of the society        Swiss Society of Pulmonary Hypertension (SSPH)
www.sgph.ch
Scientific committee        PD Silvia Ulrich Somaini, MD; Zurich, President
Prof. Michael Tamm, MD; Basel
Frédéric Lador, MD, PhD; Geneva
Andrea Azzola, MD; Bellinzona
Prof. Thomas Geiser, MD; Bern
Prof. John-David Aubert, MD; Lausanne
Administrative secretariat        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
Congress language        The presentations and the slides are in English.
Abstracts        Deadline for submission: May 17, 2015
Instructions and submission: www.imk.ch/sgph2015
For further questions please contact: congress@imk.ch
Awards        The following prizes will awarded during the award ceremony:
• SSPH research prize
• Poster prize
Credits        • Swiss Society of Cardiology: 1.5h 1 A Credits
• Swiss Society for Pneumology: 8.5 Credits
Credits have been requested from the following societies:
• Swiss Society for Intensive Care
• Swiss Society for General Internal Medicine
• Swiss Society for Rheumatology
Registration        Please register and pay online: www.imk.ch/sgph2015

### Participation fees (CHF)

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<th>Days</th>
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### Social evening

Guided tour in the Masoala Rainforest and Dinner
Thursday, September 17, 2015, from 19:00 h
Masoala Halle, Zürich Zoo
Dinner tickets for the social evening can be purchased while registrating for the congress:
• Physicians: CHF 80.- per person
• Assistants | Students | Nurses: CHF 40.- per person

We thank the following partner companies for their generous support:

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<th>Premium partner</th>
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<td>Bayer HealthCare</td>
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FIRST ANNOUNCEMENT

SGI Postgraduate Course
ICU Management Seminar
Nurse Education Workshops

22.-23. September 2016
Gemeinsame Jahrestagung SGI | GESKES | SGPH
Réunion annuelle commune SSMI | SSNC | SSHP

Music & Convention Center, Montreux
www.imk.ch/sgi2016

Thursday, September 17, 2015
12:30 - 12:35
Welcome and Opening Comments
SSPH President: S. Ulrich Somaini, Zurich

12:35 - 14:30
Epidemiology, Registries and Classification
Session chairs: P. Grendelmeier, Basel; F. Lador, Geneva

12:35 - 13:05
Changing PAH epidemiology | What can we learn from PAH registries
M. Humbert, Paris; FR

13:05 - 13:35
PH due to lung disease
H. Olschewski, Graz; AT

13:35 - 14:05
PH due to heart diseases
J.-L. Vachiéry, Brussels; BE

14:05 - 14:30
Drug and Toxine induced PAH
A. Olschewski, Graz; AT

14:30 - 15:00
Coffee break / Posterviewing

15:00 - 16:00
Combination therapy in PAH – New standard of treatment?

15:00 - 15:05
Introduction
J.-D. Aubert; Lausanne, CH

15:05 - 15:25
Combination therapy – Adding the prostacyclin pathway to the picture
O. Sitbon; Le Kremlin-Bicêtre, FR

15:25 - 15:45
Combination therapy – Bringing it all together
S. Gibbs; London, UK

15:45 - 16:00
Discussion
organized by

Thursday
Thursday, September 17, 2015

16:00 - 17:30  **Chronic Thromboembolic PH**  
Session chairs: M. Funke-Chambour, Bern; J.-D. Aubert, Lausanne

16:00 - 16:30  **From acute PE to CTEPH: Epidemiology pathogenesis**  
S. Ulrich Somaini, Zurich

**Pro and contra debate I: CTEPH – is a surgical disease**

**Pro:**  
E. Fadel, Paris; FR

**Contra:**  
A. Ghofrani, Giessen; DE

17:00 - 17:30  **Summary:**  
E. Fadel, Paris; FR & A. Ghofrani, Giessen; DE

17:30 - 18:00  **Cocktail**

18:00 - 18:45  **General assembly**  
SSPH

From 19:00  
Guided Tour Masoala Rainforest, Zürich Zoo | Dinner

Friday, September 18, 2015

08:25  
Opening Comments  
President-elect SSPH: F. Lador, Geneva

08:30 - 10:00  **Pulmonary Circulation under Stress**  
Session chairs: S. Ulrich Somaini, Zurich; O. Schoch, St.Gallen

08:30 - 09:00  **Pulmonary Hemodynamics on Exercise**  
P. Hervé, Le Plessis Robinson; FR

09:00 - 09:30  **Cardiopulmonary exercise test in PH**  
H. Olschewski, Graz; AT

09:30 - 10:00  **Stress-tests to manage PH, useful? (Echo/RHC/MRI)**  
E. Grünig, Heidelberg; DE

Coffee break / Posterviewing

11:00 - 11:20  **Pro and contra debate II: »Borderline« PH is early disease and should be treated**  
Session chairs: L. Huber, Zurich; A. Azzola, Lugano

**Pro:**  
J.-D. Aubert, Lausanne

**Contra:**  
J.-L. Vachiéry, Brussels; BE

**Discussion:**  
J.-D. Aubert, Lausanne & J.-L. Vachiéry, Brussels; BE

Lunch / Posterviewing

11:40 - 12:00  **New treatment strategies in PAH**  
J.-L. Vachiéry, Brussels; BE

12:00 - 12:45  **Are all combinations the same?**  
A. Ghofrani, Giessen; DE

12:45 - 13:10  **sGC stimulation – optimizing a pathway in PAH?**  
Session chairs: S. Ulrich Somaini, Zurich; F. Lador, Geneva

13:10 - 13:35  **New treatment strategies in PAH**  
J.-L. Vachiéry, Brussels; BE

13:35 - 14:15  **Discussion**

organized by  
Bayer HealthCare
Friday, September 18, 2015

14:00 – 15:30

**PH at the extremes**
Session chairs: K. Bloch, Zurich; J.-M. Fellrath, Neuchâtel

14:00 – 14:30

**PH perioperative – the anaesthetist’s view**
A. Olschewski, Graz; AT

14:30 – 15:00

**PH and hypoxia – a challenge for mountaineers and highlanders**
U. Scherrer, Bern

15:00 – 15:30

**Rehabilitation for PAH/CTEPH**
E. Grünig, Heidelberg; DE

15:30 – 16:00

Coffee break

16:00 – 17:15

**PAH – up-to-date management**
Session chairs: R. Speich, Zurich; M. Schwerzmann, Bern

16:00 – 16:30

**PAH – treatment: insights from the latest trials and guidelines**
M. Humbert, Paris; FR

16:30 – 17:15

**Individualized multimodal PH-therapy: Why should PH be treated in specialized centers**
A. Ghofrani, Giessen; DE

17:15 – 17:25

**Awards Ceremony**
F. Lador, Geneva

17:25 – 17:30

**Closing remarks**
S. Ulrich Somaini, Zurich

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**Poster**

**P01**
Towards a biomimetic on-chip in vitro model of perfusable microvessels for the study of pulmonary hypertension
CA Bichsel, SRR Hall, RA Schmid, OT Guenat, T Geiser; Bern (CH)

**P02**
The many faces of pulmonary hypertension in patients with systemic sclerosis
V Garelli, M Prella, P Yerly, JD Aubert; Lausanne (CH)

**P03**
Treatment of precapillary pulmonary hypertension associated to pulmonary Langerhans cell histiocytosis: a case report.
LM Lücker, S Hultin, PM Soccal, J-C Pache, A-L Hachulla, M Beghetti, S Noble, F Lador; Genève (CH)

**P04**
Non-invasive diagnosis of pulmonary hypertension from lung Doppler signal
L Godinas, F Lador, R Schatzberger, S Günther, M Segel, Y Palti, E Maisuls, O Sitbon, G Simonneau; Le Kremlin Bicêtre (FR), Le Plessis Robinson, France (FR), Yvoir (BE); Genève (CH), Haïfa (IL), Tel Hashomer (IL), Tel-Aviv (IL)

**P05**
Global fibrinolytic profile in patients with chronic thromboembolic pulmonary hypertension.
A Lebreton, A Casini, F Lador, P de Moerloose, M Neerman-Arbez; Clermont-Ferrand (FR), Genève (CH)

**P06**
Kinetics of cardiac output at the onset of exercise in pulmonary hypertension
S Bengueddache, A Bringard, G Ferretti, M Beghetti, PM Soccal, F Lador; Genève (CH)

**P07**
Right and left ventricular function in lowlanders with COPD travelling to moderate altitude
S Ulrich, M Lichtblau, T Latshang, M Furian, S Müller-Mottet, S Kueest, D Flück, B Osmonov, M Kohler, F Tanner, E Grünig, E Bloch; Zurich (CH), Heidelberg (DE)

**P08**
Disease-targeted treatment improves cognitive function in patients with precapillary pulmonary hypertension
G Somaini, A Stamm, S Müller-Mottet, E Hasler, S Keusch, FF Hildenbrand, M Furian, R Speich, KE Bloch, S Ulrich; Zurich (CH)

**P09**
Cerebral oxygenation in highlanders with and without high altitude pulmonary hypertension
M Furian, TD Latshang, S Aeschbacher, S Ulrich, T Sooronbaev, A Aldashev, KE Bloch; Zurich (CH), Bishkek (Kyrgyzstan)
Atrial Septostomy and Transcatheter Pott’s Shunt: Non-Pharmacological Therapies for the Treatment of Patients with Severe Idiopathic Pulmonary Arterial Hypertension
E Rosenholm, Boston (US)

Surgical treatment of intimal sarcoma of the pulmonary artery
A Kostron, I Inci, D Schneiter, S Ulrich, B Bode–Lesniewska, S Musso, P Dardevelle, E Fadel, W Weder, I Opitz; Zurich (CH), Le Plessis–Robinson (FR)

Long non–coding RNAs are emerging factors in hypoxia–induced pulmonary hypertension by controlling proliferation and apoptosis of vascular cells
M Brock, C Schuoler, S Ulrich, R Speich, M Gassmann, M Kohler, LC Huber; Zurich (CH)

Anxiety and depression are highly prevalent in pulmonary hypertension and might improve with target therapy
G Somaini, E Hasler, M Müller–Mottet, LC Huber, R Speich, M Maggiorini, KE Bloch, S Ulrich; Zurich (CH)

A case of drug–induced Pulmonary Arterial Hypertension
M Prella, P Yerly, LP Nicod, JD Aubert; Lausanne (CH)

The prognostic impact of exercise right heart catheterization on transplant–free survival in patients with precapillary pulmonary hypertension
E Hasler, S Müller–Mottet, S Saxer, G Somaini, L Huber, M Maggiorini, R Speich, KE Bloch, S Ulrich; Zurich (CH)

Time course of pulmonary artery pressure and clinical characteristics in Kyrgyz highlanders
M Furian, T Sooronbaev, B Osmonov, SS Aeschbacher, TD Latshang, AA Aldashev, S Ulrich, KE Bloch; Zurich (CH), Bishkek (Kyrgyzstan)

Wirkungsmechanismen bei PH – wo setzt die medikamentöse Therapie an?
M Riboch–Roemer, S Schneider, S Stickel, S Kreber; Tessin, Zürich, Bern (CH)

Speakers & Chairs

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Inselspital Bern
Freiburgstrasse 18
3010 Bern, CH

Directions

By air | By public transport

From Zurich Airport to Zurich main station
The hotel is located only 7 miles from the Zurich-Kloten International Airport (ZRH). The best way to travel to the city center is to take the train in the direction of the Zurich Hauptbahnhof (main train station), a journey of 10 minutes. The number 10 streetcar in the direction of the Zurich Hauptbahnhof will also take you to the center of Zurich (35 minutes). The journey by taxi takes approximately 25 minutes.

From Zurich main station
From the main train station, take the number 6 streetcar (in the direction of Zoo). Get off at the final stop, Zoo, and walk the last 100 meters back to the Sorell Hotel Zürichberg.

By car
If you are traveling by car, you can leave your vehicle in the hotel’s underground garage.
For the treatment of pulmonary arterial hypertension (PAH)

HER. FUTURE. FORWARD.
WITH YOUR HELP.

For the treatment of pulmonary arterial hypertension (PAH)

Succinct Statement OPSUMIT® (Macitentan)

**Indication:** Long-term treatment of pulmonary arterial hypertension (PAH) in patients of WHO Functional Class II to III to reduce morbidity and the risk of mortality. **Posology:** 1 tablet of 10 mg once daily. OPSUMIT® is effective when used as monotherapy or in combination with phosphodiesterase-5 inhibitors or inhaled/oral prostanoids. **Contraindications:** Hypersensitivity to macitentan, pregnancy, women of child bearing potential who are not using a reliable method of contraception, liver disorders. **Precautions:** Liver function tests prior to treatment, hemoglobin concentration measurement prior to treatment, lactation. **Most frequent undesirable effects during clinical studies:** Nasopharyngitis, bronchitis, anemia, headache. **Interactions:** Rifampicin, hormonal contraceptives: use alternative contraceptive method. **Packs:** 10 mg: 30 film coated tablets, category B. **Distribution:** Actelion Pharma Schweiz AG, Stadtturnmstrasse 5, CH-5400 Baden. For more information please consult the medical information on www.swissmedicinfo.ch.