



Swiss Society for Pulmonary Hypertension SSPH  
Schweizerische Gesellschaft für Pulmonale Hypertonie SGPH  
Soci t  Suisse pour l'Hypertension Pulmonaire SSHP  
Societ  Svizzera per l'Ipertensione Polmonare SSIP



## Program

# 8<sup>th</sup> International Congress of the Swiss Society for Pulmonary Hypertension

March 17-18, 2022

University Hospital Zurich

[ssph2022.congress-imk.ch](http://ssph2022.congress-imk.ch)

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## Welcome to Zurich

Dear colleagues,

It is our privilege to invite and welcome you to the 8th International Congress of the Swiss Society of Pulmonary Hypertension 2022.

The event will take place at the University Hospital Zurich from March 17 - 18, 2022. 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 an award ceremony, you will have the possibility to attend satellite symposia and to visit the industrial exhibition.

The main topics of the scientific program revolve around:

- **Definition of PH**
- **Chronic thromboembolic PH**
- **PH during a lifetime**
- **Special monitoring situations**

You will have great opportunities to meet colleagues from the field and to get in contact with renowned experts from Switzerland, Belgium, Austria, Great Britain, France and Germany.

Save the date for the 8th International Congress of the Swiss Society for Pulmonary Hypertension and be part of it. We are pleased to welcome both the medical and nursing communities.

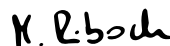
For the scientific committee



**Prof. Markus Schwerzmann, MD**  
President of the SSPH



**Prof. Ulrich Silvia, MD**  
Lead Scientific Committee



**Margret Riboch**  
Vice President of the  
SSPH/Lead PH Nurses

## Protection Concept

The health and safety of our participants, speakers, exhibitors and employees are our top priority. To ensure that participants feel comfortable on site, **IMK** Ltd has drawn up a protection concept in close consultation with the University Hospital in Zurich, that complies with the specifications of the Federal Office of Public Health (FOPH) and will arrange for the measures listed in the protection concept to be implemented. Further protective measures or changes reserved. The current protection concept can be found on the congress website.

**All persons** entering the University Hospital in Zurich during the 8th International Congress of the Swiss Society for Pulmonary Hypertension must present documentary evidence of a **vaccination** or a **recovery** of COVID-19. This will be checked at the entrance.

The COVID certificate provides documentary evidence of:

- **Recovery:** must have been no longer than 12 months ago
- **Vaccinated:** a vaccination completed for at least 14 days is required
- + A **mask** must be worn at all times (except during catering)



## General Information

**Date** Thursday to Friday, March 17-18, 2022

**Venue** **University Hospital Zurich  
Building Nord1**  
Frauenklinikstr. 10 / D304  
8091 Zurich

**Congress Website** [ssph2022.congress-imk.ch](https://ssph2022.congress-imk.ch)

**Scientific Committee** Prof. Silvia Ulrich, MD, Zurich | Lead Scientific Committee  
Andrea Azzola, MD, Lucerne  
PD Frédéric Lador, MD, Geneva  
Margret Riboch, Ticino  
Prof. Markus Schwerzmann, MD, Berne

**President of the Society** Prof. Markus Schwerzmann, MD, Berne

**Website and Contact of the Society** Swiss Society for Pulmonary Hypertension SSPH:  
[www.sgph.ch](http://www.sgph.ch) | [ssph@imk.ch](mailto:ssph@imk.ch)

**Professional Congress Organizer (PCO)** **IMK** Institute for medicine and communication Ltd.  
Münsterberg 1 | 4001 Basel  
Tel. +41 61 561 53 53  
[www.imk.ch](http://www.imk.ch) | [congress@imk.ch](mailto:congress@imk.ch)

**Registration** Registration is compulsory and only possible online via [ssph2022.congress-imk.ch](https://ssph2022.congress-imk.ch) for your participation at the congress and the networking event.

### Registration fees

Days	Early Bird until February 13, 2022		After February 14, 2022		Networking Event
	1 Day	2 Day	1 Day	2 Day	17.03.2022
Members SSPH	100	150	150	200	100
Non-members physicians	150	200	200	250	100
Residents   Students   PhD   Post Docs   Nurses	60	100	75	120	50

Fees in CHF, Subject to modifications

**Cancellation policy** All cancellations must be made in written form to the professional congress organizer **IMK**.  
Cancellations received up to February 16, 2022:  
50% of the costs will be refunded.  
Cancellations received after February 17, 2022: no costs will be refunded.

**Confirmation of participation** Attendants will receive an electronic confirmation of participation per e-mail.

## General Information

**Credits** Credits are conferred from the following societies:  
 Swiss Society of Cardiology: **Thursday: 4 Credits | Friday: 4 Credits**  
 Swiss Society for Intensive Care: **Thursday: 4 Credits | Friday: 5 Credits**  
 Swiss Society for General Internal Medicine: **Thursday: 4 Credits | Friday: 4 Credits**  
 Swiss Society for Pneumology: **Thursday: 4 Credits | Friday: 4 Credits**  
 Swiss Society for Rheumatology: **Thursday: 3 Credits | Friday: 3 Credits**

**Opening Hours Congress Secretariat** Thursday, March 17, 2022 11:30-19:00  
 Friday, March 18, 2022 08:00-16:00

**Opening Hours Industrial Exhibition** Thursday, March 17, 2022 12:00-17:30  
 Friday, March 18, 2022 08:45-15:45

**Congress Language** Official congress language: English  
 All presentations, Slides & Posters: English

**Information for Speakers** The lecture hall is equipped with a 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.

**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, March 17, 2022, from 11:30-12:30.

**Poster Viewing** The presenting author is asked to be present at his poster during the official poster viewing: Thursday, March 17, 2022, 14:30-15:00 and Friday, March 18, 2022, 10:20-10:50.

**Awards** The following prizes will be awarded during the award ceremony:  
 • Rudolph Speich Award  
 • Poster Prize

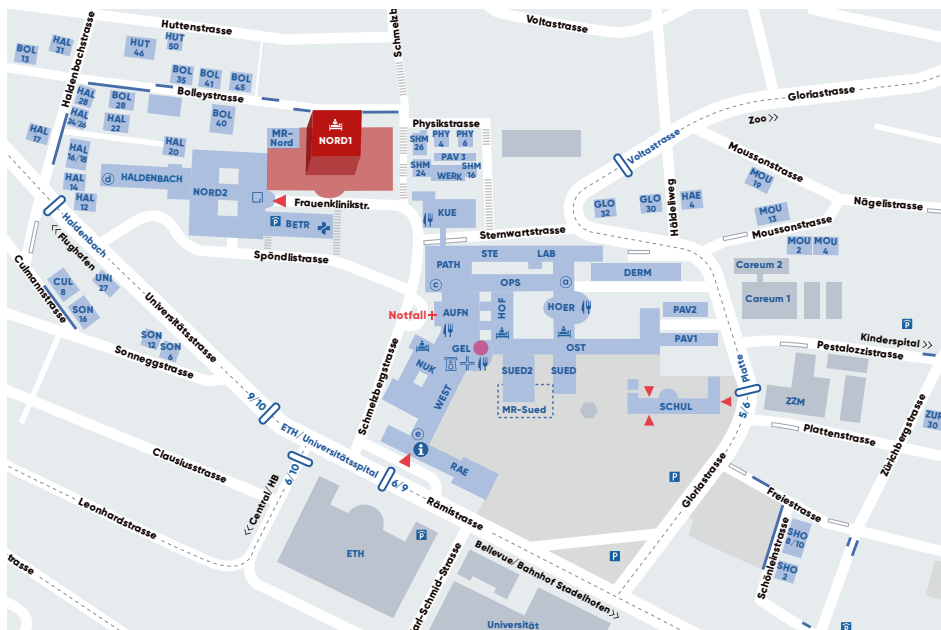
**Award Ceremony** The award ceremony will take place on Friday, March 18, 2022 from 15:25-15:40.

**Accommodation** We recommend you to make your reservation early in order to have an unlimited choice of hotels. For booking and price information, please refer to the congress website: [sgph2022.congress-imk.ch](http://sgph2022.congress-imk.ch)

**Networking Event** Thursday, March 17, 2022 | 19:30  
 Sorell Hotel Zürichberg | [www.sorellhotels.com](http://www.sorellhotels.com)  
 Orellistrasse 21 | 8044 Zurich

**Networking Event Fees** Members | Non-Members Physicians: CHF 100.-  
 Residents | Students | PhD | Post Docs | Nurses: CHF 50.-  
 Tickets must be purchased in connection with the online registration for the congress: [sgph2022.congress-imk.ch](http://sgph2022.congress-imk.ch)

## Travel Information



### By train

The best way to travel to the city centre is to take the train in the direction of the Zurich Hauptbahnhof (main train station), a journey of 10 minutes. The number 10 tram 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 the main train station, take the tram number 6, 9 or 10. Get off at the stop, «ETH/Universitätsspital», and walk the last 100 metres to the University Hospital Zurich. [www.sbb.ch](http://www.sbb.ch)

### By car

You can reach Zurich easily and safely by road from anywhere in Switzerland, Italy, Germany and Austria.

- Geneva - Zurich: 280 km, 3.15 hours | From Geneva (A1) – Lausanne – Bern – Zürich
- Basel - Zurich: 90 km, 1.15 hour | From Basel (A3) – Zürich
- Milan - Zurich: 280 km, 3.5 hours | From Mailand (A2) – Lugano – Schwyz – Zug – Zürich
- Munich - Zurich: 320 km, 3.45 hours | From Munich (A96/A1) – Memmingen – Bregenz – St. Gallen – Winterthur – Zürich

### Parking spaces

The closest parking possibilities are at the Parkhaus USZ Nord.

### By plane

The University Hospital Zurich is located only 10 kilometres from the Zurich-Kloten International Airport (ZRH) which offers flight connections to the international airports of Geneva, Basel, Milan and Munich as well as air taxi connections to many other national and international destinations.

# Thursday, March 17, 2022

12:30-12:35

Grosser Hörsaal  
Nord 1

## Opening Comments

Markus Schwerzmann, Berne

12:35-14:30

Grosser Hörsaal  
Nord 1

## Session 1: Definition of PH

Chairs: Markus Schwerzmann, Berne; Andrea Azzola, Lucerne

12:35-13:05

### How Should we (Re)define PH?

Frédéric Lador, Geneva

13:05-13:40

### New Definition of PH Under Stress – Exercice & Hypoxia

Silvia Ulrich, Zurich

13:40-14:05

### Implications of the Proposed New Definition on PH in Left Heart Disease

Jean-Luc Vachiery, Brussels, BE

14:05-14:30

### Implications of the Proposed New Definition on PH in Lung Disease



Horst Olschewski, Graz, AT

14:30-15:00

Coffee Break | Poster Viewing (First Author on Site)

15:00-15:45

Grosser Hörsaal  
Nord 1

Satellite Symposium organized by  

## PHocus on PAH: New Data - Impact on the Management of this Rare Disease

Chairs: Silvia Ulrich, Zurich; Markus Schwerzmann, Berne

15:00-15:20

### Update on PH (Studies)

Speaker tba

15:20-15:45

### Discussion of the Data and Its Use in Practice

Speaker tba; Silvia Ulrich, Zurich; Markus Schwerzmann, Berne

15:45-17:25

Grosser Hörsaal  
Nord 1

## Session 2: Chronic Thromboembolic PH

Chairs: Isabelle Schmidt-Opitz, Zurich; Anne-Lise Hachulla, Geneva

15:45-16:10

### From Acute PE to CTEPH: Who Needs Screening?

John-David Aubert, Lausanne

16:10-16:35

### Novel Insight From the Pathogenesis of CTEPH

Joanna Pepke-Zaba, Cambridge, UK

16:35-17:00

### Multimodal Invasive Therapy in CTEPH

Philippe Brenot, Paris, FR

17:00-17:25

### Anticoagulation in CTEPH

Helia Robert Ebadi, Geneva

17:25-18:00

Apéro

18:00-18:45

Grosser Hörsaal  
Nord 1



## General Assembly

19:30

Networking Dinner



Friday, March 18, 2022

08:55-09:00

Grosser Hörsaal  
Nord 1

### Welcome and Opening Comments

Silvia Ulrich, Zurich

09:00-10:20

Grosser Hörsaal  
Nord 1

### Session 3: PH During Lifetime

Chairs: Margret Riboch, Ticino; Jean-Marc Fellrath, Neuchâtel

09:00-09:20

#### Adolescence – Young Patients with PH- Transition

Maurice Beghetti, Geneva

09:20-09:40

#### Living with PAH in Adulthood- a Special Challenge for SSc-PAH

Robin Condliffe, Sheffield, UK

09:40-10:00

#### Elderly Patients with PH- Comorbidities and Other Special Aspects of Care

Ekkehard Grünig, Heidelberg, DE

10:00-10:20

#### Palliative Care – Principals of Palliative Care in PH

Wendy Gin-Sing, London, UK

10:20-10:50

Coffee Break | Poster Viewing (First Author on Site)

10:50-12:30

Grosser Hörsaal  
Nord 1

### Session 4: Special Monitoring Situations

Chairs: Mona Lichtblau, Zurich; Benoit Lechartier, Le Kremlin-Bicêtre, France

10:50-11:15

#### Novel Imaging Modalities for the Pulmonary Vasculature: The Radiologists View

Jens Vogel-Claussen, Hannover, DE

11:15-11:40

#### Non Invasive Assessments and Early Detection - Echo in Clinics and Research

Patrick Yerly, Lausanne

11:40-12:05

#### Complex Assessment of the Right Ventricular-Pulmonary Vascular Unit – The Value of Pressure Volume Loops

Khodr Tello, Giessen, DE

12:05-12:30

#### Perioperative Threat in PH – the Anaesthetist State of the Art

Rolf Schüpbach, Zurich


12:30-13:30

Lunch | Poster Viewing

Friday, March 18, 2022

13:30-14:15

Grosser Hörsaal  
Nord 1

Satellite Symposium organized by  Gebro Pharma

## Interdisciplinary Treatment of PAH

Chair: Silvia Ulrich, Zurich

13:30-13:35

### Welcome

Silvia Ulrich, Zurich

13:35-13:50

### Interdisciplinary Treatment of P(A)H Patients – How the Collaboration of Pneumologists and Cardiologists Could Look Like

Sabina Guler, Berne; Markus Schwerzmann, Berne

13:50-13:55

### Discussion

Silvia Ulrich, Zurich

13:55-14:10

### Triple Therapy for PAH in Real Life

Ekkehard Grünig, Heidelberg, DE

14:10-14:15

### Discussion and Closure

Silvia Ulrich, Zurich

14:15-15:25

Grosser Hörsaal  
Nord 1

## Session 5: Up-to Date Therapy in PAH

Chairs: Simone Stickel, Zurich; Michael Tamm, Basel

14:15-14:40

### Risk Stratification in PH - Pitfalls and Recommendation From Registries

Marion Delcroix, Leuven, BE

14:40-15:05

### Novel Pathogenetic Insights in PAH - Upcoming Novel Therapies from the Bench to Bedside

Marc Humbert, Paris, FR

15:05-15:25

### Current Medical Therapy of PAH: State-of the Art

Olivier Sitbon, Paris, FR

15:25-15:40

## Award Ceremony and Closing Remarks

Chairs: Silvia Ulrich, Zurich; Markus Schwerzmann, Berne

## Poster

- P01**     **The choice of priming solution for cardiopulmonary bypass during pulmonary endarterectomy for CTEPH patients has important impact**  
K Furrer; D Bettex; T Horisberger; I Inci; O Schmid; NG Nagaraj; H Morselli; B Battilana; R Schuepbach; S Ulrich; M Hebeisen; A Matter; I Opitz | University Hospital Zurich
- P02**     **A new phenotype of pulmonary arterial hypertension patients carrying SOX17 variants**  
B Lechartier<sup>1</sup>; D Montani<sup>1</sup>; B Girerd<sup>1</sup>; M Eyries<sup>2</sup>; M Ghigna<sup>3</sup>; L Savale<sup>1</sup>; X Jaïs<sup>1</sup>; A Seferian<sup>1</sup>; M Jevnikar<sup>1</sup>; A Boucly<sup>1</sup>; M Riou<sup>4</sup>; J Traclet<sup>5</sup>; A Chaouat<sup>6</sup>; M Levy<sup>7</sup>; J Le Pavec<sup>3</sup>; E Fadel<sup>3</sup>; F Perros<sup>3</sup>; F Soubrier<sup>2</sup>; M Remy-Jardin<sup>8</sup>; O Sitbon<sup>1</sup>; D Bonnet<sup>7</sup>; M Humbert<sup>1</sup> | <sup>1</sup> Assistance Publique - Hôpitaux de Paris (AP-HP); <sup>2</sup> Département de génétique, Hôpital Pitié-Salpêtrière; <sup>3</sup> Hôpital Marie Lannelongue; <sup>4</sup> Département de Pneumologie, Nouvel Hôpital Civil; <sup>5</sup> Hospices Civils de Lyon; <sup>6</sup> Université de Lorraine, CHU Nancy; <sup>7</sup> Assistance Publique Hôpitaux de Paris, Hôpital Necker Enfants Malades; <sup>8</sup> Centre Hospitalier Universitaire de Lille, Service d'Imagerie thoracique
- P03**     **MicroRNA expression in Chronic Thromboembolic Pulmonary Hypertension**  
T Papatotiroopoulos; IS Martínez López; F Schläpfer; S Ulrich; I Opitz; MB Kirschner | University Hospital Zurich
- P04**     **Effect of acetazolamide on walk distance in patients with precapillary pulmonary hypertension: randomized, placebo-controlled, cross-over trial**  
M Lichtblau<sup>1</sup>; S Saxer<sup>1</sup>; P Appenzeller<sup>1</sup>; J Müller<sup>1</sup>; C Berlier<sup>1</sup>; SR Schneider<sup>1</sup>; M Furian<sup>1</sup>; EI Schwarz<sup>1</sup>; ER Swenson<sup>2</sup>; KE Bloch<sup>1</sup>; S Ulrich<sup>1</sup> | <sup>1</sup> University Hospital Zurich; <sup>2</sup> University of Seattle, Washington, USA
- P05**     **Effect of breathing oxygen-enriched air on exercise performance in patients with pulmonary hypertension in heart failure with preserved ejection fraction. Randomized, placebo-controlled, cross-over trial**  
J Müller; M Lichtblau; S Saxer; L Calendo; AF Carta; S Schneider; C Berlier; M Furian; KE Bloch; EI Schwarz; S Ulrich | University Hospital Zurich
- P06**     **Can high altitude simulation testing predict physiological and clinical changes at real altitude in patients with pulmonary vascular diseases?**  
SR Schneider; M Lichtblau; M Furian; L Mayer; J Müller; S Saxer; KE Bloch; S Ulrich | University Hospital Zurich
- P07**     **Invasive hemodynamic assessment for diagnosing acute rejection after heart transplantation**  
E Alyaydin; I Tuleta | University Hospital Muenster

## List of Invited Speakers & Chairs

### A

**Prof. John-David Aubert, MD**  
Centre hospitalier universitaire vaudois (CHUV)  
Div. de Pneumologie  
BH-07  
1011 Lausanne

**Andrea Azzola, MD**  
Luzerner Kantonsspital  
Pneumologie  
Spitalstrasse  
6000 Luzern 16

### B

**Prof. Maurice Beghetti, MD**  
HUG Hôpital des Enfants  
Département de Pédiatrie  
Rue Willy-Donzé 6  
1211 Genève 15

**Philippe Brenot, MD**  
Hopital Marie Lannelongue  
133 Av. de la Résistance  
92350 Le Plessis-Robinson, France

### C

**Robin Condliffe, MD**  
The University Of Sheffield  
Western Bank  
Sheffield, S10 2 TN, UK

### D

**Prof. Marion Delcroix, MD**  
ZU Leuven  
Herestraat 49  
3000 Leuven, Belgium

### E

**Helia Robert-Ebadi, MD**  
Hôpitaux Universitaires de Genève  
Service d'angiologie et d'hémostase  
Rue Gabrielle-Perret-Gentil 4  
1211 Genève 14

### F

**Prof. Jean-Marc Fellrath, MD**  
Hôpital Pourtales  
Rue de la Maladière 45  
2000 Neuchâtel

### G

**Wendy Gin-Sing, MScN**  
Hammersmith Hospital  
Imperial College Healthcare NHS Trust  
Du Cane Road  
London, UK  
W12 0HS

**Prof. Ekkehard Grünig, MD**  
Universitätsklinikum Heidelberg  
Thoraxklinik  
Röntgenstrasse 1  
69126 Heidelberg, Deutschland

### H

**Anne-Lise Hachulla-Lemaire, MD**  
Hôpitaux Universitaires Genève (HUG)  
Unité de Radiologie Cardio-Vasculaire  
Unité de Radiologie Thoracique et Oncologique  
Rue Gabrielle-Perret-Gentil 4  
1211 Genève 14

**PhD Marc Humbert, MD**  
Centre National de Référence de l'Hypertension  
Pulmonaire Sévère  
Hôpital Bicêtre, Assistance Publique Hôpitaux  
de Paris  
78 rue du Général Leclerc  
94270 Le Kremlin Bicêtre, France

### L

**PhD Frédéric Lador, MD**  
Hôpitaux Universitaires de Genève  
Service de Pneumologie  
Rue Gabrielle Perret-Gentil 4  
1211 Genève 4

**Benoit Lechartier, MD**  
APHP Hôpital Bicêtre  
Service de Pneumologie  
78 rue du Général Leclerc  
94270 Le Kremlin-Bicêtre, France

**Mona Lichtblau, MD**  
Universitätsspital Zürich  
Klinik für Pneumologie  
Rämistrasse 100  
8091 Zürich

## List of Invited Speakers & Chairs

### O

#### **Univ. Prof. Horst Olschewski, MD**

LKH Universitätsklinik / Med. Universität  
Klinische Abteilung für Lungenkrankheiten  
Auenbruggerplatz 15  
8036 Graz, Austria

### P

#### **PhD Joanna Pepke-Zaba, MD**

Royal Papworth Hospital NHS Foundation Trust  
Papworth Road  
Cambridge Biomedical Campus  
Cambridge, UK  
CB2 0AY

### R

#### **Margret Riboch-Römer**

Lega Polmonare Ticinese  
Via B. Varenna 16  
6600 Locarno

### S

#### **Prof. Isabelle Schmitt-Opitz, MD**

Klinik für Thoraxchirurgie  
Universitätsspital Zürich  
Rämistrasse 100  
8091 Zürich

#### **Rolf Schüpbach, MD**

Universitätsspital Zürich  
Frauenklinikstrasse 26  
8091 Zürich

#### **Prof. Markus Schwerzmann, MD**

Universitätsklinik Inselspital  
Interdisziplinäres Zentrum für pulmonale  
Hypertonie  
Zentrum für angeborene Herzfehler  
Freiburgstrasse  
3010 Bern

#### **Prof. Olivier Sitbon, MD**

Hôpital Bicêtre  
Université Paris-Saclay  
Centre de Référence de l'Hypertension  
Pulmonaire  
78, rue Général Leclerc  
94270 Le Kremlin-Bicêtre, France

#### **Simone Stickel**

Unispital Zürich  
Klinik für Pneumologie, Pulmonale Hypertonie  
Rämistrasse 100  
8091 Zürich

### T

#### **Prof. Michael Tamm, MD**

Universitätsspital Basel  
Abt. f. Pneumologie, Dept. Innere Medizin  
Petersgraben 4  
4031 Basel

#### **PhD Khodr Tello, MD**

Universitätsklinikum Gießen und Marburg GmbH  
Klinikstrasse 33  
35392 Giessen, Germany

### U

#### **Prof. Silvia Ulrich Somaini, MD**

Universitätsspital Zürich  
Klinik für Pneumologie und Bereich  
Herz-Gefäss-Thorax  
Rämistrasse 100  
8091 Zürich

### V

#### **Prof. Jean-Luc Vachieri, MD**

Pulmonary vascular diseases and heart failure  
Clinic  
Department of Cardiology  
CUB - Hôpital Erasme  
808 Route de Lennik  
1070 Brussels, Belgium

#### **Prof. Jens Vogel-Claussen, MD**

Institute for Diagnostic and Interventional  
Radiology  
Hannover Medical School  
Chairman: Prof. Dr. med. Frank Wacker  
-OE 8220-  
Carl-Neuberg-Str. 1  
30625 Hannover, Germany

### Y

#### **Patrick Yerly, MD**

Centre hospitalier universitaire vaudois (CHUV)  
Service de Cardiologie  
BH-10  
1011 Lausanne

## Partner Companies

We thank the following Congress Partner Companies for their generous support:

### Diamond Partner 2022



### Premium Partner 2022



### Partner 2022



# Notes

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# Industrial Exhibition & Exhibition Plan

## Open hours of the industrial exhibition:

Thursday, March 17, 2022 12:00-17:30

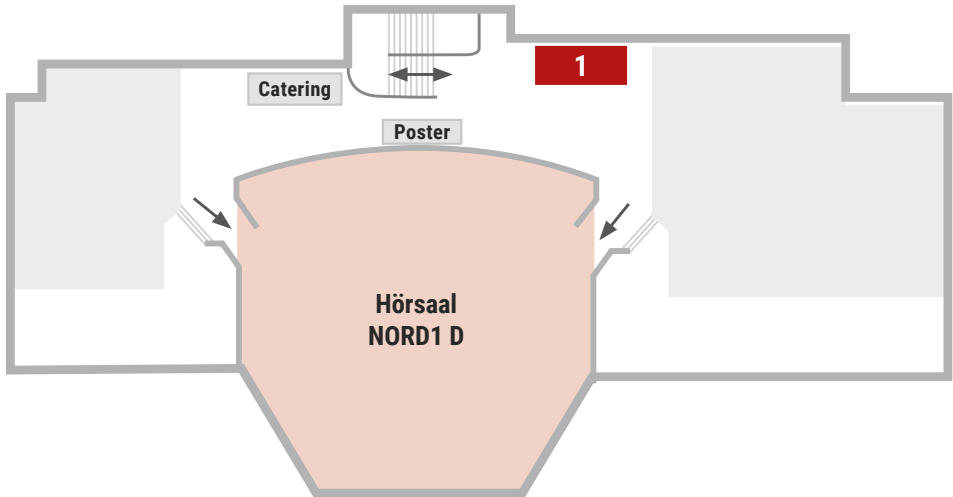
Friday, March 18, 2022 08:45-15:45

## Exhibitor list

### No Company

- |   |                         |
|---|-------------------------|
| 1 | Janssen-Cilag AG        |
| 2 | OrPha Swiss GmbH        |
| 3 | Gebro Pharma AG         |
| 4 | MSD Merck Sharp & Dohme |

## Foyer NORD1 Level D



## Foyer NORD1 Level C

