

40<sup>th</sup> congress of the international union of physiological sciences

# IUPS 2025

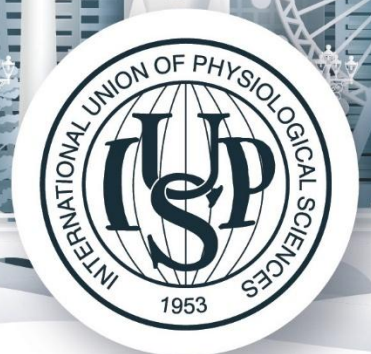
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11.- 14. SEPTEMBER 2025 | FRANKFURT/ MAIN

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THE WORLD OF  
PHYSIOLOGY  
IN THE HEART  
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## Welcome to IUPS 2025

The 40th IUPS congress which will be held in partnership with Europhysiology, will be on September 11-14, 2025, in Frankfurt, Germany.

Right in the heart of Europe, physiologists from all continents will come together and present their latest research. It will be a world congress, showcasing international physiology as a broad science with fundamental impact on public health, adaptation strategies to climate change and our understanding of homeostasis – and you will want to be there and be part of it.

We especially invite early career physiologists and biomedical scientists, to join in, to meet your peers and scientific heroes, to network for your career and to get the latest news about worldwide physiology and biomedicine.

Sue Wray  
President of IUPS

For the partnering societies,

Helle Prætorius Øhrwald  
President  
**Scandinavian Physio-  
logical Society (SPS)**

David Attwell  
President  
**The Physiological  
Society (TPS)**

Fabio Benfenati  
President  
**Federation of Euro-  
pean Physiological  
Societies (FEPS)**

Ralf Brandes  
Secretary General  
**German Physiology  
Society ((DPG)**



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## General Information

<b>Title of the event</b>	<b>IUPS 2025 - 40<sup>th</sup> congress of the international union of physiological sciences a joint meeting with Europhysiology</b>
<b>Congress &amp; Exhibition</b>	11 – 14 September 2025
<b>Venue</b>	Kap Europa Osloer Str. 5 60327 Frankfurt/M., Germany <a href="http://www.messefrankfurt.com">www.messefrankfurt.com</a>
<b>Participants</b>	1,300+ delegates from all over the world
<b>Congress Organisation</b>	Kathleen Schäfer c/o K.I.T. Group GmbH Dresden Bautzner Str. 117-119 01099 Dresden, Germany <a href="http://www.kit-group.org">www.kit-group.org</a>
<b>Exhibition &amp; Sponsorship Management</b>	Anja Schröter c/o K.I.T. Group GmbH Dresden Phone: +49351 65573-131 Email: <a href="mailto:info@iups2025.org">info@iups2025.org</a> Web: <a href="http://www.iups2025.com">www.iups2025.com</a>



## About IUPS and Europhysiology

The IUPS is an organisation that represents the discipline of physiology on the global level and represents more than 60 member organisations worldwide (for an overview go to the following page: <https://www.iups.org/iups/member-societies/>).

The IUPS 2022 – which had to be changed into a virtual congress due to the ongoing pandemic – offered five days of exciting science providing an excellent insight into frontiers of modern physiology. Overall, 4,219 physiologists from 71 countries and regions registered for the congress reflecting the global importance of physiology.

The Europhysiology is a continuation of a successful series that started with Europhysiology 2018 in London. It is a joint meeting with the German Physiology Society, the Scandinavian Physiological Society and Federation of European Physiological Societies. The last meeting took place in Copenhagen, Denmark in 2022 and attracted more than 1,200 physiologists from all around the world.





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## Committees

### International Scientific Programme Committee

**Ulrich Pohl**, Ludwig Maximilians University, Germany (Chair); *IUPS*  
**Fabio Benfenati**, The Italian Institute of Technology, Italy (Chair); *FEPS*  
**Walter Boron**, Case Western Reserve University, USA; *IUPS*  
**Andrea Calkovska**, Comenius University in Bratislava, Slovakia; *IUPS*  
**Robert Carroll**, East Carolina University, USA; *IUPS*  
**Ying Shing Chan**, The University of Hong Kong, China; *IUPS*  
**Yang-Sook Chun**, Seoul National University, South Korea; *IUPS*  
**László Csernoch**, University of Debrecen, Hungary; *IUPS*  
**Stine Falsig Pedersen**, University of Copenhagen, Denmark; *SPS*  
**Ingrid Fleming**, Goethe-Universität Frankfurt am Main, Germany; *DPG*  
**Andrea Fuller**, University of the Witwatersrand, South Africa; *IUPS*  
**Karl-Heinz Herzig**, Oulu University, Finland; *SPS*  
**Hans Hoppeler**, University of Bern, Switzerland; *FEPS*  
**Dörthe Katschinski**, University of Göttingen, Germany; *DPG*  
**Yoshihiro Kubo**, National Institute for Physiological Sciences, Japan; *IUPS*  
**José López-Barneo**, Universidad de Sevilla, Spain; *FEPS*  
**Andras Malnasi-Csizmadia**, ELTE Faculty of Science, Hungary; *FEPS*  
**Andrew McCulloch**, University of California San Diego, USA; *IUPS*  
**Anna Moroni**, University of Milan, Italy; *FEPS*  
**Andrew Murray**, University of Cambridge, UK; *TPS*  
**Yasushi Okamura**, Osaka University Japan; *IUPS*  
**Fredrik Palm**, Uppsala University, Sweden; *SPS*  
**Andrew Parker**, University of Oxford, UK; *TPS*  
**Daniela Puzzo**, University of Catania, Italy; *FEPS*

**Jochen Roeper**, Goethe-Universität Frankfurt am Main, Germany; *DPG*  
**Gary Sieck**, Mayo Clinic, USA; *IUPS*  
**Luis Sobrevia**, Pontificia Universidad Católica de Chile, Chile; *IUPS*  
**Morten Thomsen**, University of Copenhagen, Denmark; *IUPS*  
**Mike Tipton**, Portsmouth University, UK; *TPS*  
**Linda Chia-Hui Yu**, National Taiwan University, Taiwan; *IUPS*  
**Robert Zorec**, University of Ljubljana, Slovenia; *FEPS*

### Organising Committee

**Ralf Brandes**, University of Frankfurt, Germany (Chair); *DPG*  
**Christian Aalkjaer**, Aarhus University, Denmark; *FEPS*  
**David Attwell**, University College London, UK; *TPS*  
**Susan Barman**, Michigan State University, USA; *IUPS*  
**Fabio Benfenati**, The Italian Institute of Technology, Italy; *FEPS*  
**Joachim Fandrey**, University Duisburg-Essen, Germany; *DPG*  
**Catherine Hall**, University of Sussex, UK; *TPS*  
**Markus Hecker**, University of Heidelberg, Germany; *DPG*  
**Áine Kelly**, Trinity College Dublin, Ireland; *TPS*  
**Vladimir Matchkov**, Aarhus University, Denmark; *SPS*  
**Ulrich Pohl**, Ludwig Maximilians University, Germany; *IUPS*  
**Helle Prætorius**, Aarhus University, Denmark; *SPS*  
**Nina Ulrich**, Heidelberg University, Germany; *FEPS*  
**Tobias Wang**, Aarhus University, Denmark; *SPS*  
**Susan Wray**, University of Liverpool, UK; *IUPS*



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## Scientific Programme & Topics

The speakers and symposia for IUPS 2025 were selected on the basis of proposals from the committees.

## Plenary and Keynote Speakers

- Peter Ratcliffe (University of Oxford, UK)
- Stefan Hell (Max Planck Institute for Multidisciplinary Sciences, Germany)
- Sofia Forslund (Max Delbrück Center for Molecular Medicine, Germany)
- Marcello Massimini (University of Milan, Italy)
- Michael Welsh (University of Iowa, USA)
- Terrie Williams (University of California, USA)
- Pietro De Camilli (Yale University, USA)
- Lena Eliasson (Lund University, Sweden)
- Patricia Silveyra (Indiana University, USA)
- Karen Sliwa-Hahnle (University of Cape Town, South Africa)
- Walter Boron (Case Western Reserve University, USA)
- Brian Gulbransen (Michigan State University, USA)
- Rodrigo Quian-Quiroga (University of Leicester, UK)
- Mootaz Salman (University of Oxford, UK)
- Jens Leipziger (Aarhus University, Denmark)
- Tom Longden (University of Maryland, USA)
- Xue Tian (University of Science and Technology of China, China)
- Brant Isakson (University of Virginia, USA)
- Martin Jastroch (Stockholm University, Sweden)
- Natalia Trayanova (Johns Hopkins University, USA)

## Selected Symposia & Special Lectures

- GLP-1 Receptor Agonists – a Magic Bullet Beyond Diabetes and Obesity?
- Interoceptive Processing at the Heart-Brain Axis: Cellular, Systemic, Behavioural and Clinical Aspects
- Ion Channel Regulation: Structure, Function and Physiology
- Epithelial Barrier Functions: Brush Border, Tight Junctions, and Beyond
- Location, Location, Location: Why Location Does Matter in the Cardiac Myocyte
- The Pathophysiology of Exertional Dyspnoea: From Physiology to Clinical Applications
- Strategies for Dealing with Predictable Increases in Energy Demands Across Time and Space
- Mitochondria in Cell and System Physiology
- Mechanisms of Mammalian Multiple Organ Aging, and Key Regulatory Targets for Organ Dyshomeostasis and Degeneration
- Neural and Circadian Control of Erythropoiesis
- Skeletal Muscle in Health and Disease
- Arterial Blood Pressure, Cerebral Perfusion and Brain Health
- Bidirectional Brain-Gut Interactions in Health and Diseases
- Extracellular Vesicles and Physical Exercise: Hermes is Using Nanocarriers to Convey Bodily Messages
- The Physiology of Hypoxia: From Cellular Oxygen Sensing to Ethnical Differences in High Altitude Adaptation



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- Body Rhythms and Metabolic Aging
- Gastrointestinal Hormones and the Gut Kidney Axis
- Mechanisms and Functions of Gas Permeation across Membranes
- Multimodal Communications Between Astrocytes and Heterogeneous Cell Types in the Cerebral Cortex
- Decoding Life: How Claudin-based Tight Junctions Shape Biological Systems
- How Taste Stimuli Are Detected in the Periphery and How They Are Processed in the Brain
- Arrhythmias: Beyond the Myocyte
- Capillary Pericytes in the Central and Peripheral Nervous System
- The Physiome Project and Virtual Human Twins
- The Biology of Big: Physiological Consequences of Living Large on a Changing Landscape
- HCN Channels: From Atomistic Resolution to Physiological Function
- Respiratory Control Across the Aging and Health Spectrum
- Epigenetics and the First 1000 Days of Life
- Dendritic Spines: Relationship of Spine Morphology and Its Movement with Brain Function and Psychiatric Disorders
- Competency-Based Education: Core Concepts and Skills
- Natural Computation
- Time to Move: Type, Frequency, Dose and Timing Considerations for Physical Activity

The full programme will be available at [www.iups2025.com](http://www.iups2025.com).



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## Congress Venue

### Kap Europa



Built in 2014, Messe Frankfurt's Kap Europa is centrally located in the city center, with ideal public transport connections. It offers two halls, flexible congress rooms, offices and daylight-bright foyers on four levels. Awarded the platinum certificate of the German Sustainable Building Council (DGNB), Kap Europa is the perfect location for sustainable event formats.

Kap Europa is just a few steps away from the Frankfurt exhibition grounds, the Skyline Plaza shopping center and numerous hotels of various categories. The central location with excellent transport links makes for quick arrival and departure.

## Exhibition area

**IUPS 2025's** exhibition is scheduled for all four congress days, Thursday to Saturday, 11 to 14 September 2025. Exhibition booths are conveniently located nearby the session rooms and main traffic routes of delegates. As the area is positioned centrally and will host the poster exhibition as well as the drinking stations, a constant frequentation at the booths will be guaranteed.





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## Industry support and sponsorship levels

Industry support is one of the key elements in the success of IUPS meetings. Your presence and generous contributions enable us to maintain affordable registration fees and at the same time offers you the opportunity to demonstrate your commitment to physiology worldwide.

On the following pages, various exhibition and sponsorship options are listed, from which you may select different elements up to the amount of your company's financial contribution. Thus, please review all exhibition and sponsorship opportunities and combine those options that suit your marketing needs best.

## Exhibition package

### Booth Space

Minimum 6 m<sup>2</sup>, all prices plus 19% VAT

Apart from booth spaces we also offer sponsoring packages, which you can view further below.

- **Price until 29 April 2025:** **405 EUR/ m<sup>2</sup>**
- **Price as from 30 April 2025:** **445 EUR/ m<sup>2</sup>**

Included in the above-mentioned prices:

- technical coordination during assembly/ dismantling
- general lighting
- air conditioning or heating
- cleaning (only general aisles, no booth cleaning)
- waste removal (daily waste)
- general security service during night times (no individual booth surveillance)
- Electrical connection 3KWh (1 single phase 230V)
- 2 full registrations (booth staff) free of charge
- acknowledgement as exhibitor in the homepage, the printed pocket programme and the congress app
- Internet access (free WiFi network in the congress centre)

NOT included (need to be ordered separately at extra costs)

- booth furniture and technical equipment
- individual catering

Additional furniture & technical equipment can be rented on extra costs as well. The corresponding price list will be sent to exhibitors in **late spring 2025**.

**Please kindly note:** Exhibition spaces will be assigned on a "first-come, first-served" basis within the sponsorship level, upon receipt of the exhibition booking form. The detailed Exhibitor Manual with all relevant information as well as the final floor plan and booth number will be sent to all registered exhibitors in July 2025. Please contact the Congress Organisation in case of any questions or concerns in the meantime.







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### PRELIMINARY EXHIBITION TIMETABLE

Exhibition Set-up should be conducted on Wednesday, 10 September 2025. Dismantling will be scheduled on Saturday, 14 September 2025 in the afternoon. Further information will be provided upon booking. Detailed times will be determined as soon as the preliminary programme is available.

## Sponsorship packages and items

For those companies that prefer presenting themselves on the congress by means of bundled sponsoring activities, we offer the following sponsorship opportunities. All stated prices for sponsorship do not include VAT, which will be charged upon booking (if applicable).

### Sponsorship packages

Registration by 29 April 2025 at the latest, all prices plus 19% VAT

#### ➤ Gold sponsor

11,000 EUR

- 8 m<sup>2</sup> exhibition space and 2 complementary passes (booth staff)
- acknowledgement as gold sponsor on the homepage including company logo, link to the company's website and company profile (max. 100 words)
- acknowledgement as gold sponsor (incl. logo) in the printed pocket programme, congress app and break slides
- E-mail blast to delegates (who have agreed to receive it)
- Push message via congress app
- Promotional slide in break slides
- display of material (200 pieces)

#### ➤ Silver sponsor

9,500 EUR

- 6 m<sup>2</sup> exhibition space and 2 complementary passes (booth staff)
- acknowledgement as silver sponsor on the homepage including company logo, link to the company's website and company profile (max. 100 words)
- acknowledgement as silver sponsor (incl. logo) in the printed pocket programme, congress app and break slides
- E-Mail blast to delegates (who have agreed to receive it)
- Promotional slide in break slides
- display of material (200 pieces)

#### ➤ Sponsor

6,000 EUR

- 6 m<sup>2</sup> exhibition space and 2 complementary passes (booth staff)
- acknowledgement as sponsor on the homepage including company logo and a link to the company's website
- acknowledgement as sponsor (incl. logo) in the printed pocket programme, congress app and break slides
- display of material (200 pieces)



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### Sponsorship Items

all prices plus 19% VAT

#### ➤ Lanyards

1,500 EUR

Interested companies can sponsor the lanyards for the name badges that each fully registered delegate will receive upon arrival. Companies must provide their own lanyards. The lanyards must be delivered to the congress venue in the required quantity (tbd) on time and free of charge.

#### ➤ E-mailing to delegates

1,200 EUR

The congress organisation offers e-mailings with information of the sponsor, that will be send out to registered delegates. Due to the privacy policy, only delegates who agreed to receiving promotional e-mailings, will be addressed. The date of the e-mailing needs to be agreed in good time (at least one month before) with the congress organisation K.I.T. Group GmbH Dresden. One week before the sending, the content has to be sent to the organiser, to guarantee an on time e-mailing. Please note that the number of e-mailings is limited.

#### ➤ Push Message via congress app

1,200 EUR

A congress app for mobile devices will be offered for the congress. Interested companies can provide a promotional text (e.g. promotion of products or announcement of booth at the meeting) which will be sent via the push function of the congress app. The text is limited to 100 words and to be approved by the congress organisers. The push message will be sent during the congress in consultation with the sponsor.

#### ➤ Logo & Link to the company's website

550 EUR

The sponsor's logo will be placed on the congress web page [www.iups2025.com](http://www.iups2025.com) linking to the company's web page. The logo and link will be displayed in the section "Exhibition & Sponsorship". It will be implemented shortly after having booked and paid the sponsorship item as well as having send a logo (JPG) and the corresponding URL.

#### ➤ Promotional Slides during breaks

1,200 EUR

During longer breaks between sessions, slides with general organisational information will be displayed in an infinite loop in the session rooms (displaying time per slide per loop approx. 10 s). The sponsor can design one slide, which will be included in this loop.

#### ➤ Pens and notepads

1,000 EUR

Provided by the sponsor the congress organiser will distribute the companies' branded notepads and/ or pens at the registration counter. The materials must be delivered ready and free of charge to the congress venue in the requested quantity (tbd) and in due time.

#### ➤ Speaker Preview Room / Media Check

1,000 EUR

All presenters will use the media check (speaker preview room) to prepare and check their presentations. This sponsoring includes the display of the company logo/banner on the screensaver and on the room sign. Mouse pads (supplied by the company) may be distributed at each workstation.

#### ➤ Display of Materials

1,250 EUR

In order to increase the level of awareness of the company/brand on site, interested companies can distribute advertising material (e.g. flyer, leaflet; max. 4 consecutive A4 pages) at the venue. The desired quantity of advertising material must be delivered to the venue in good time.



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### ➤ Welcome Reception

Price on request

Be the first company to welcome the delegates on Thursday by sponsoring the Welcome Reception that evening. Your company name & logo will be displayed on the catering tables and drink vouchers. Roll-ups (supplied by the company) may be displayed in the catering area on the day of sponsorship

### ➤ Coffee break

Price on request

Interested companies can sponsor one of the regular coffee breaks (Thursday to Saturday). The company logo will be displayed on the catering tables. Roll-ups (supplied by the company) may be displayed in the catering area on the day of sponsorship.

### ➤ Lounge/ Workstation area sponsorship

Price on request

There will be various lounge and workstation areas throughout the venue. Use this opportunity to increase awareness of your company by sponsoring these areas. Here you can set up roll-ups, distribute your company's materials or include mobile phone charging station.

### ➤ Directional signage

Price on request

Sponsor's logo will feature on all directional signage throughout the congress venue.

#### Other ideas or special requests?

If you are interested in realizing a sponsoring activity during the IUPS 2025, but none of the described opportunities meets your requests, please do not hesitate to contact the congress organisation ([info@iups2025.org](mailto:info@iups2025.org)). We will be happy to consider any further possibility and send you a tailor-made offer according to your needs.

## Application and Conditions

All sponsors/exhibitors interested in any of the above must register via the [online application form](#) (registration will open on 28 October). The application form constitutes a binding agreement. The acceptance of registrations is subject to the availability of the requested service. The congress organisation reserves the right to reject applications without further explanation.

Applications will be considered in the order in which they are received, with the main sponsors having priority in the allocation of exhibition space and the selection of sponsorship opportunities. No services will be reserved without a completed application form.

Further information on the exhibition and the final booth plan indicating the exact booth location will be sent to participating companies in late spring 2025.

The total amount must be paid upon receipt of the official invoice and in accordance with the conditions stated on the invoice. Full payment of all invoices must be made before the start of the congress in order to guarantee admission to the event.