

EUROPEAN SOCIETY FOR MICROCIRCULATION
Integrating
Vascular Biology & Medicine



ESM Newsletter 1/2023

Dear members of the European Society for Microcirculation, dear Colleagues,

Please find attached the newsletter 1-2023 to highlight ongoing and future activities of the ESM and its national societies.

If you would like to contribute to our newsletter, do not hesitate to contact us via the email contact available on our website www.esmicro.eu. We look forward to hear from you.

Best regards from the whole ESM team and wishing you all a healthy and peaceful spring,



Elena Osto



Anja Meissner



Henning Morawietz

MEETINGS



European Society for Microcirculation Conference Aarhus, Denmark 24 – 27 April 2023

We look forward to see you at our European Society for Microcirculation (ESM) Conference in Aarhus, Denmark!

Registration for the ESM conference in Aarhus, 24 – 27 April 2023 is open.

We have an amazing group of faculty, who will deliver wonderful, insightful lectures on many aspects of the microcirculation – this meeting is probably the best microvascular conference in the world!

We have programmed ample time for networking and we look forward very much to welcoming you in Aarhus.

Conference Details

Date: 24 – 27 April 2023

Venue: Musikhuset Aarhus, Thomas Jensens Allé 2, 8000 Aarhus C, Denmark

👉 [Read more and register under this page:](https://conferences.au.dk/esm) <https://conferences.au.dk/esm>

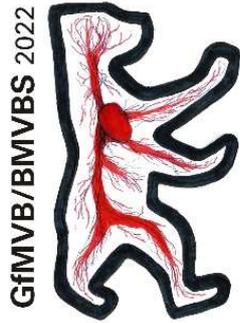
The conference programme pdf is attached for your convenience.

We look forward to see you all in Aarhus.

Best wishes from the Organising Committee and the ESM Executive Committee

Organizing committee: Christian Aalkjaer, Ana Briones, Nicola Brown, Cor de Wit, Ylva Hellsten, Daniel Henrion, Ulf Simonsen





Joint Meeting of the GfMVB and the BMVBS 2022 in Berlin

Wolfgang M. Kübler, President GfMVB, Anna Elisabeth Bierögel (Berlin, Ger), local organizers; David Bates, President BMVBS (Nottingham, UK); Paola Campagnolo (Surrey, UK); Sarah De Val (Oxford, UK); Rabea Hinkel (Göttingen, Ger); Ferdinand le Noble (Karlsruhe, Ger)

The annual meeting of the German Society for Microcirculation and Vascular Biology (GfMVB) was held jointly with the British Microcirculation and Vascular Biology Society (BMVBS) in June 2022 at the Kaiserin-Friedrich-Foundation in the heart of Berlin.

Key topics of the conference focused on angiogenesis and vasculogenesis, glycocalyx, infection and vascular permeability, atherosclerosis and inflammation, microcirculation in heart disease, pulmonary hypertension and renal microvasculature. Topics were discussed by international experts in individual symposia with a separate keynote by Bingmei Fu (The City College of New York) on glycocalyx. In addition to invited experts, free oral presentations were selected from submitted abstracts. Additional abstract contents were presented in unopposed poster sessions.



Figure 1: Impressions of the event.

After two years of virtual meetings, the more than 140 participants from nine different nations tremendously enjoyed the personal interaction. For many younger participants, this was the first in-person meeting they ever attended. Thus, the lectures and poster presentations stimulated lively discussions, which often extended into the breaks and evening events. We received extremely positive feedback from numerous participants regarding the high scientific quality of the event, the excellent framework conditions (venue, catering, evening program), and the open-minded and constructive atmosphere, which stimulated numerous new project ideas and collaborations. Accordingly, the event was considered as an extraordinary scientific success by the participants.

This was particularly evident in the high number of high-quality contributions in the form of submitted abstracts and the resulting oral and poster presentations. As in previous years, the ESM again generously supported the GfMVB by sponsoring young scientists in the Travel and Poster Awards.



Figure 2: A poster award winners, Lauren Eades, Aldara Martin Alonso, Victoria A. Cornelius, Shengnan Zhao, Erik Asmus and Julian Wagner (from left to right) B Secretary General of the ESM Henning Morawietz (left) together with the two travel award winners Juma El-Awaisi (middle) and Kanchana Kallakkudi Pandian (right).

ESM/EVBO Online Vascular Biology Summer School, 13-15 June 2022

The **ESM/EVBO Online Vascular Biology Summer School** was very successfully organised from **June 13-15, 2022**.

We were excited to welcome 91 participants from 16 different European countries, Australia, China and the United States at our ESM/EVBO Online Vascular Biology Summer School! The participants were PhD/MD students and junior postdocs. We selected 22 abstracts for oral presentations from the 37 submitted abstracts.

The participants had the opportunity to gain insight into the key questions and cutting-edge methodologies of vascular biology, to discuss with peers and experts in the field, and to train in the presentation and discussion of their data.

Short presentations by experts in the field were followed by Q&A session like “How to build a paradigm-shifting research plan?” and “I’ve got my PhD! ...what now?”. We are grateful to the 45 leading international experts in our field who gave lectures and participated in the interactive sessions.

All participants really enjoyed the excellent presentations and discussions. The talks were addressing topics like the endothelial-perivascular cell crosstalk, vascular heterogeneity, mechanotransduction, emerging fields and technologies in vascular biology, vascular diseases and translational vascular research from basic science to clinical trials.

Four awards for the best oral presentations of 200 € each were jointly supported by the ESM and the EVBO.

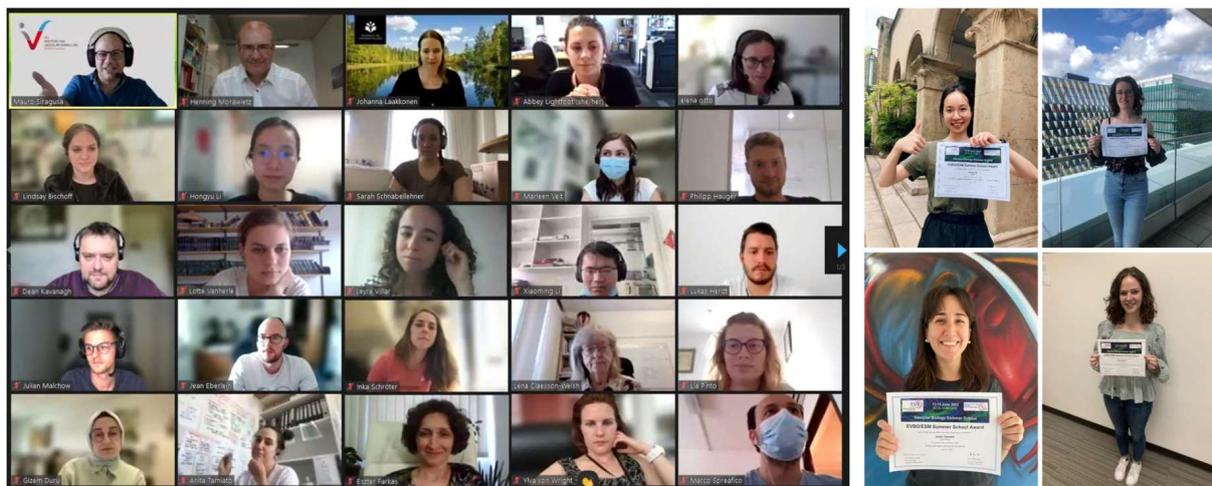


Figure 3: Impressions from the ESM/EVBO Online Vascular Biology Summer School 2022 (left) and congratulations to the winners of the best oral presentation awards: Hongyu Li (China), Bianca E. Suur (Sweden), Anita Tamiato (Germany) and Lindsay Bischoff (United States) (right).

For more information, the program can be found online at <http://www.esmicro.eu/> and <https://evbo.org/summer-school-2/>.

Many thanks to Dean Kavanagh, University of Birmingham, for the excellent organisation of our ESM/EVBO Summer School via Zoom!

Best wishes,

The Organizers

ESM: Elena Osto, Eszter Farkas and Henning Morawietz

EVBO: Johanna Laakkonen, Lars Mägdefessel, Mauro Siragusa, Lena Claesson-Welsh

World Congress for Microcirculation, Beijing, China, 20-24 September 2023

Dear colleagues,

Thank you for your support of the 12th WCM.

The World Congress for Microcirculation Congress will take place **20-24 September 2023** in **Beijing, China**.

At present the covid-19 epidemic has eased in China. Nucleic acid test and quarantine are no longer required for foreign visitors arriving at China (except several countries). It is expected that travel to Beijing from abroad will be more convenient after May 2023.

Therefore, I hope the 12th WCM will be a grand conference of joyful gathering. The 12th WCM will take place onsite, however online participation will be possible.

The 12th WCM website is: <https://12thwcm.tri-think.cn>, and the deadline for early registration is **March 31, 2023**. Please inform the members of your microcirculation societies.

We are looking forward to welcome you in Beijing, China.

Sincerely,

Jing-Yan Han



World Congress of Microcirculation

Beijing, China
20-24, Sep
2023

<https://12thwcm.tri-think.cn>

The deadline of early registration is March 31, 2023.



Co-President of Congress | Professor Qi-Min Zhan, Professor Nai-Feng Liu
President of Congress | Jing-Yan Han (hanjingyan@bjmu.edu.cn)



World Congress of Microcirculation

Beijing, China
20-24, Sep
2023

<http://12thWCM.m-events.cn>

Organizer

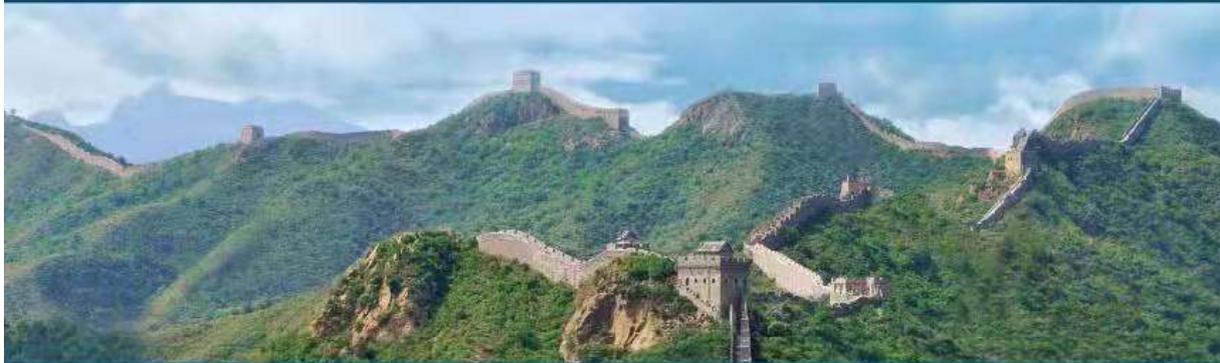
Chinese Society of Microcirculation,
International Liaison Committee
for Microcirculation

Co-President of Congress

Professor Qi-Min Zhan
Professor Nai-Feng Liu

President of Congress

Professor Jing-Yan Han



Core Scientific Committee

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Patumraj Suthilik, Bangkok, Thailand
Georges E. R. Grau, Sydney, Australia
Tim Murphy, Sydney, Australia

Office

Professor Jing-Yan Han
Tasly Microcirculation Research Center,
Peking University Health Science Center
38 Xueyuan Road, Beijing 100191,
People's Republic of China
E-mail: hanjingyan@bjmu.edu.cn

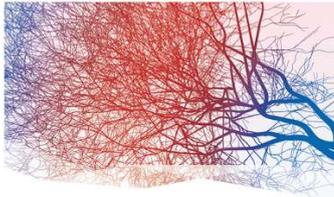
The official journal of the European Society for Microcirculation:

Journal of Vascular Research



JVR

Journal of Vascular Research



RESEARCH

Karger



Editor: Brant E. Isakson (Charlottesville, VA)

Journal of Vascular Research is now a **Transformative Journal**, committed to increasing the number of Open Access articles and converting to the Open Access model at the latest when 75% of papers are published Open Access. The Transformative Journal model supports authors by fulfilling all Open Access mandates and drives forward the Open Access transition while maintaining publishing choices for authors. Please visit the journal's guidelines for more information.

The Journal of Vascular Research (JVR) continues our close relationship with the ESM by co-sponsoring the "JVR Outstanding Manuscript Award Lecture" to Dr. James Bell from Exeter University, UK for the manuscript "Microstructural characterization of resistance artery remodeling in diabetes mellitus" *J Vasc Res*, 59(1); 50-60, 2022. This manuscript is an excellent example of JVR's ongoing commitment to publish top quality work.



Congratulations to the 2023 JVR/ESM awardee

Prof. James S. Bell of Cardiff University, UK

for the outstanding article [Microstructural Characterization of Resistance Artery Remodelling in Diabetes Mellitus](#), co-authored with Adio A.O., Pitt A., Hayman L., Thorn C.E., Shore A.C., Whatmore J.L., and Winlove C.P. *J Vasc Res* 2022;59:50-60 (DOI:10.1159/000517856)

Website: <https://www.karger.com/Journal/Home/224160>

The 2023 JVR-ESM prize winner Professor James Bell from the University of Cardiff UK, will present his lecture at the ESM congress in Aarhus on April 27th.

JVR has continued our strong commitment over the last three years to publish high quality, rigorously performed work. Our commitment to transparency and reproducibility has garnered outstanding publication that is reflected by year-over-year increases in impact factor. Our time to decision continues to decrease as well, ensuring your work does not linger with never ending revisions. We are excited about JVRs progress and hope you can tell a difference. As always, please feel free to contact Brant Isakson (brant@virginia.edu); will also be at ESM in April 2023) about any suggestions for continuing our progress with JVR.