

23-24 MAY

FRI-SAT

LUCERNE

SWITZERLAND



Spring Meeting 2025



FUNDAMENTAL

RESEARCH & PIONEERING

SCIENCE



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Lucerne Cantonal Hospital, Switzerland

WORD OF WELCOME

We would like to welcome you to Lucerne to the 2025 BVS Spring Meeting!

The now traditional international meeting took place last year in Berlin, where we met for two days of great presentations on cutting-edge research in vascular biology, genetics, state-of-the-art imaging technologies, advances in clinical research and much more.

Both established and emerging researchers shared their research findings and visions with us, we gained new insights during exciting discussions, and the best presentations were honoured with well-deserved awards.

This year, we will continue to focus on basic vascular research in all its aspects and its bench-to-bed translation. Furthermore, insights into the sciences of artificial intelligence, health data, health sciences and health care research and their potential gain in knowledge for basic research will bring us future research perspectives.

True to tradition, the conference remains dedicated to knowledge exchange, which will take place on Friday and Saturday with keynote lectures and talks, and the traditional Friday evening dinner will allow for networking in a relaxed atmosphere.

We hope you will enjoy the conference and your stay in Lucerne.

On behalf of the organising committee,



Prof. Dr. med. Maani Hakimi
Head of Department
Department of Vascular Surgery
LUKS | Lucerne Cantonal Hospital

BASIC VASCULAR SCIENCE

Prof. Dr. med. Thomas Schmitz-Rixen

German Society of Surgery

Dr. Margreet R. de Vries

Leiden University Medical Center

Prof. Janice Tsui, FRCS

Royal Free London

Prof. Dr. med. Maani Hakimi

LUKS | Lucerne Cantonal Hospital

Prof. George Hamilton, FRCS

Royal Free London

Simon Parvin, FRCS

Former Secretary General, ESVS

Prof. Dr. Paul H.A. Quax

Leiden University Medical Center

Dr. med. Juan Antonio Celi de la Torre

LUKS | Lucerne Cantonal Hospital

EVENT ORGANISERS



Prof. Dr. med. Maani Hakimi

Head of Department

Department of Vascular Surgery

LUKS | Lucerne Cantonal Hospital



Dr. med. Juan Antonio Celi de la Torre

Research Intern

Department of Vascular Surgery

LUKS | Lucerne Cantonal Hospital



Prof. Dr. med. Reto Babst

Vice dean of Faculty of Health

Sciences and Medicine

Medical Director Joint Medical Master

University of Lucerne & University of
Zürich



Prof. Dr. Stefan Boes

Dean

Faculty of Health Sciences
and Medicine, University of Lucerne

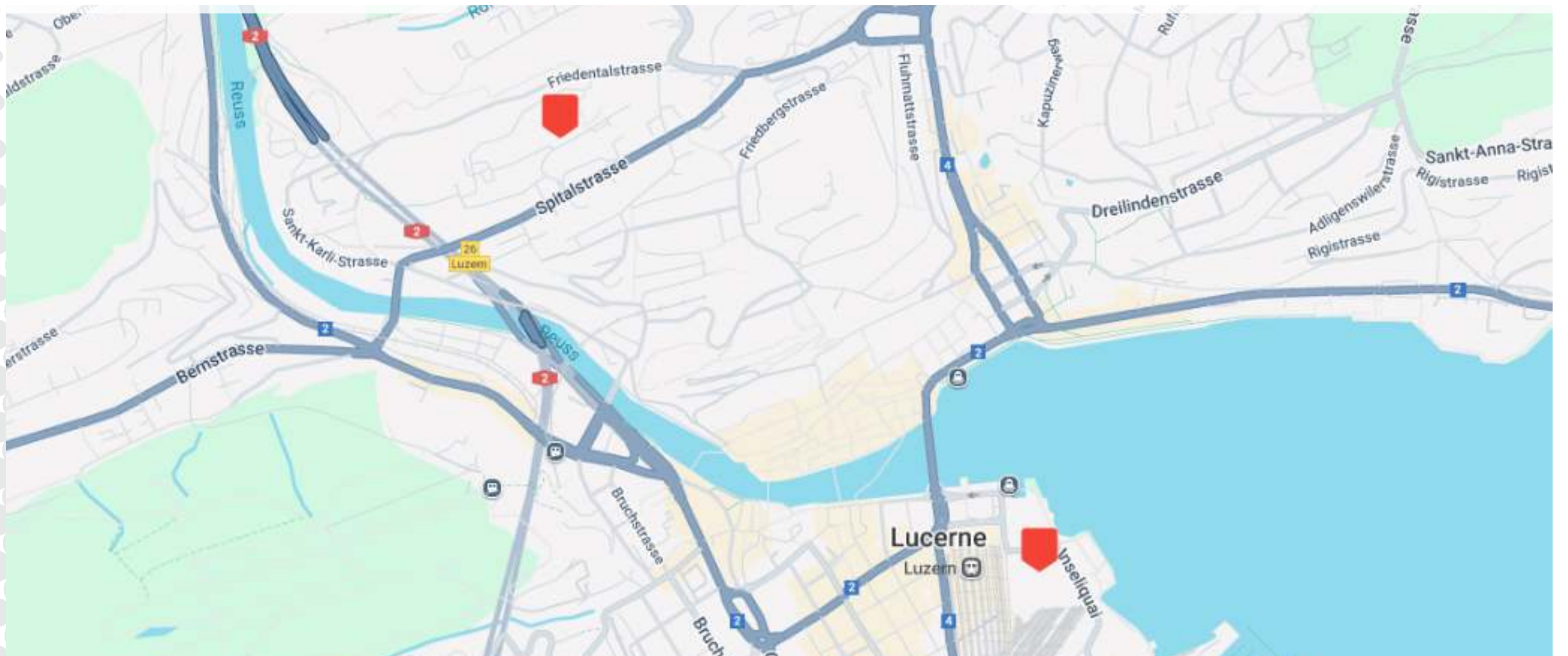
HOSTS



The **Lucerne Cantonal Hospital**, commonly referred to by its acronym LUKS, is situated in the geographically central region of Switzerland and offers an extensive array of diagnostic and therapeutic services that cater to a diverse patient population. As the most expansive medical facility in Central Switzerland, it encompasses a comprehensive network of more than one hundred specialised clinics, departments, and centers, each dedicated to providing high-quality healthcare and advancing medical knowledge through innovative practices and research initiatives.

Through its function as a **University Teaching and Research Hospital**, it also serves as a distinguished institution of higher learning that focuses on both teaching and research within the medical field.

Spitalstrasse, 6004 Luzern



UNIVERSITÄT LUZERN

Established in February 2023, the **Faculty of Health Sciences and Medicine** at the University of Lucerne quickly presented itself as a key player in tackling modern health challenges. The faculty evolved from the Department of Health Sciences and Medicine, created in 2019, drawing on the foundational principles of the earlier Department of Health Sciences and Health Policy.

Partnering for the BVS25' is the **Center for Clinical Research**, an Associated Institute of the University of Lucerne, based at the Cantonal Hospital of Lucerne. The mission of the CCR is to support and develop high-quality clinical research for the LUKS and for the Faculty of Health Sciences and Medicine.

Frohburgstrasse 3, 6002 Luzern



WORKSHOPS

FRI **23 MAY**

WORKSHOP 1A: PRECLINICAL ULTRASOUND FOR VASCULAR BIOLOGY RESEARCH - ULTRA-HIGH FREQUENCY (UHF)

Workshop Leader: Dr. Margreet R. de Vries (LUMC)

WORKSHOP 1B: ENDOVASCULAR SURGERY: PROSTHESIS SIZING AND SIMULATION OF PROCEDURE

Workshop Leader: Dr. med. Robert Seelos (LUKS)

Sponsor: Medtronic

Simulators of endovascular procedures offer a safe and controlled environment for learners to practice and hone their skills. Participants can gain hands-on experience in performing interventions, such as catheter placements and stentgraft deployments, all while receiving immediate feedback on their techniques, fostering collaboration among peers. This learning environment enhances communication skills and teamwork, which are essential in the multidisciplinary field of vascular medicine.

WORKSHOP 2: TIPS, TRICKS AND CAVEATS: OBTAINING A GRANT VIA A COMPETITIVE PROCESS

Workshop Leader: Prof. Dr. med. François Curtin (CCR LUKS) & Anita Soltermann (Grants Office UniLU)

Fundraising is essential to support research by funding new concepts, experiments, and academic advancements. Connecting with donors, applying for grants, organizing events, and engaging with the community are all part of the fundraising process. Researchers depend on financial aid to sustain their work and contribute to knowledge growth in various fields.

Medtronic

**UNIVERSITÄT
LUZERN**

				PROGRAM		
23 MAY	REGISTRATION	09:30	Registration			
	WORKSHOPS	10:00	1a: Preclinical Ultrasound for Vascular Biology Research - Ultra-High Frequency (UHF)			
		-	1b: Endovascular Surgery: Prothesis sizing and simulation of procedure			
		11:30	2: Tips, Tricks and Caveats: obtaining a grant via a competitive process			
		12:00				
	LUNCH	12:45	Break Recreation Room			
	SESSION	PANEL N°1				
		TRANSLATIONAL VASCULAR RESEARCH & BIOLOGY				
		Faculty: Prof. J. Tsui Prof. Dr. T. Schmitz-Rixen		Welcome Speech Janice Tsui & Maani Hakimi on behalf of BVS Committee (15 min)		
			13:45	Keynote: Cardiovascular biomimetics Melanie Generali, Zürich		
15:20			Keynote: tba			
			Talks 1 - 10 (according to abstract submission, 5 min/Talk)			
			Panel discussion (30 min)			
BREAK		15:50	Break Recreation Room			
PANEL N°2						
ANGIOGENESIS & VASCULAR REMODELING						
Faculty: Prof. F. le Noble Prof. M. Mayr		Keynote: tba Ferdinand le Noble, Karlsruhe				
	16:00	Keynote: Advanced Proteomics Manuel Mayr, London				
	17:50	Talks 11 - 20 (according to abstract submission, 5 min/Talk)				
		Panel discussion (30 min)				
		Host's speech (10 min)				
DINNER	19:30					
24 MAY	SESSION	PANEL N°3				
		BIOENGINEERING, IMAGING & INNOVATIONS				
		Faculty: Dr. L. Brewster ISACB		Keynote: Bioengineering Luke Brewster		
			09:00	Keynote: Bio-Implantables: synergy between fundamental research and pioneering technologies Speaker to be confirmed		
			10:20	Talks 21 - 30 (according to abstract submission, 5 min/Talk)		
				Panel discussion (30 min)		
			BREAK	10:50	Break Recreation Room	
		PANEL N°4				
		PIONEERING SCIENCES MEET FUNDAMENTAL RESEARCH				
		Faculty: Prof. Dr. F. Curtin Prof. Dr. M. Hakimi	11:00	Keynote: tba ETH Zürich		
12:50	Talks 31 - 40 (according to abstract submission, 5 min/Talk)					
	Panel discussion (30 min)					
CLOSURE	12:50	Awards & Closure Speech				



REGISTRATION FEE

The fee includes workshops and session on both days. For senior and junior participants, the fee includes the traditional friday dinner.

A limited quantity of dinner vouchers can be additionally acquired (students, sponsors).

Category	Definition	Fee in CHF, incl. 8,2%VAT
Senior	Clinician scientists, physicians, group leaders	200
Junior	Postdocs, PhDs	100
Students*		50

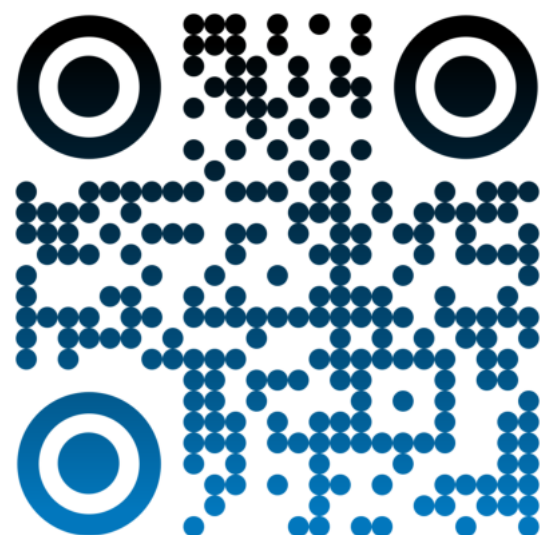
A proof of faculty enrolment as a student is to be uploaded together with the registration. Failure to do so results in an after-pricing to the next category (Junior).





INFOS

Keep updated on the meeting's program, workshops and keynote lectures and follow us for early notifications on upcoming events!



www.bvssm.com



www.linkedin.com/company/basicvascularscience

WIFI

The WiFi is available to you free of charge. To use it, connect to the WiFi 'Public' and then open any website. The Luzerner Kantonsspital login page will be displayed automatically. Follow the instructions. The password will be sent to you by SMS.

