

THE 4TH MEDICAL STUDENTS WORLD CONGRESS OF

# NEUROSURGERY

THE ART OF NEUROSURGERY | FINDING THE PATH TO BECOMING A MASTER



4 - 7 September 2024



University of Florence  
Novoli Economical Centre

- EXPERT TALKS
- HANDS-ON WORKSHOPS
- SOCIAL PROGRAMME
- RESEARCH
- MENTORSHIP SESSIONS



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NEUROSURGICAL SOCIETY

# About The Congress



**PARTICIPANTS**

180+

220+

280+

300+



**ABSTRACT**

82

85

88

90+



**FACULTY MEMBERS**

17

25

33

40+

CRETE

GRANADA

HAMBURG

*Florence*

**Prof. Dr. Iain Kalfas**

USA

**Prof. Dr. Bob Carter**

USA

**Prof. Dr. Bernhard Meyer**

GERMANY

**Prof. Dr. Peter Winkler**

AUSTRIA

**Prof. Dr. David Langer**

USA

**Prof. Dr. Niklas Thon**

GERMANY

**Prof. Dr. Stéphane Palfi**

FRANCE

**Prof. Dr. Walter Stummer**

GERMANY

**Prof. Dr. Flavio Giordano**

ITALY

**Prof. Dr. Sabino Luzzi**

ITALY

**Prof. Dr. Claudius Thomé**

AUSTRIA

**Prof. Dr. Saleem I. Abdulrauf**

USA

**Prof. Dr. Jens Gempt**

GERMANY

**Prof. Dr. Daniel Barrow**

USA

**Prof. Dr. Yu-Mi Ryang**

GERMANY

**Prof. Dr. Christian Dorfer**

AUSTRIA

**Prof. Dr. Bertil Rydenhag**

SWEDEN

**Prof. Dr. Michael Sabel**

GERMANY

**Prof. Dr. Samer K. Elbabaa**

USA

**Mr. Trent Cherry**

USA

Invited Speakers 2024

[CLICK HERE FOR THE HAMBURG '23 BOOKLET](#)



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# Congress Spotlight - Expert Talks

**Our Scientific Programme** is curated to perfection and revolves around the chosen theme of the congress annually. This year, we wish to honour the esteemed Neurosurgeons who have paved the path for the coming generations, and we hope to learn as much as we can from them. Their paths and stories hold so much wisdom that we aspiring neurosurgeons can only hope to comprehend fully, and will treasure for a lifetime.



## Sneak Peek for Florence '24 Talks

**Prof. Dr. Peter Winkler - Austria**

**Anatomical Principles of Surgery of the Mesial Temporal Lobe**



**Prof. Dr. Samer K. Elbabaa - USA**

**Fetal In-Utero Microneurosurgery For The Twice-Born Babies**



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# A Selection of Expert Talks from Hamburg '23

## **Molecular Based Neurosurgery - The OR as a Data Driven Research Platform and How To Build Your Ideas**

Prof. Dr. Jürgen Beck (Germany)

## **Awake Surgery For Low-Grade Gliomas**

Prof. Dr. Hugues Duffau (France)

## **Technology Symposium**

Prof. Dr. Bernhard Meyer (Germany) | Marcel Oelerich

## **Spinal Cord Tumors: Overview and Surgical Strategies**

Prof. Dr. Walter Stummer (Germany)

## **Do not quit!**

Dr. Raúl Rincón Navarro (Mexico)

## **Panel Discussion: Future of Functional Neurosurgery**

Dr. Georgios Matis (Greece)

Prof. Dr Jaroslaw Maciaczyk (Germany)

## **DBS Beyond Movement Disorders**

Prof. Dr. Veerle Visser-Vandewalle (Germany)

## **Panel Discussion: Future of Neurooncology**

Dr. Dietmar Krex (Germany)

Prof. Hughes Duffau (France)

## **Surgical management of brain metastasis: Challenges and Approaches**

Prof. Dr. Jens Gempt (Germany)

## **Spinal Endoscopy - The Future or Blind Path?**

Dr. Kajetan Łątka (Poland)

## **Behind The Life of A Neurosurgeon - A Motivational Talk**

Prof. Thomas Kapapa (Germany)

## **Liquid Biopsies For The Diagnosis and Management of Recurrent Gliomas**

Prof. Franz Lennard Ricklefs (Germany)

**And many more!**

## HIGHLIGHTS

**LET'S DO A SURGERY TOGETHER:  
Clipping of a Cerebral Aneurysm –**

**A Live Demonstration**

Prof. Saleem I. Abdulrauf (USA)

**GATE TO NEW WORLDS TALK:**

**The Journey to Become a  
Neuro-oncologist**

Prof. Mitchel S. Berger (USA)

**MESSAGE FROM A LEGEND:**

**What it Takes to Become a  
Neurosurgeon**

Prof. Robert F. Spetzler (USA)

# Congress Spotlight - Workshops

At the Congress, we understand that hands-on experience is one of the most important things that students can receive. Our attendees have the opportunity to learn skills integral to neurosurgery such as drilling the skull, suturing or microscopy. Partnering with leading medical companies, we bring to you the cutting-edge equipment and technology you need to hone your skills!



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# A Selection of Workshops from Hamburg '23

## Discovering the Basics of Spine Surgery with Signus

With the help of an expert, perform your first decompression or spondylodesis of the spine.

## Ultrasonic Brain Tumor Aspiration with Söring

Experience tumour aspiration using models developed exclusively for this purpose.

## A Clear Vision in Neurosurgery – Microscopy with ZEISS

Learn and master a variety of neurosurgical tasks under 40x magnification!

## A Blink of Vascular Neurosurgery with SurgeonsLab

Practice your finger dexterity in vascular neurosurgery on a true-to-life model under the supervision of an expert.



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# Congress Spotlight - Mentorships

The journey to becoming a neurosurgeon is not an easy one - having someone with experience to guide you is imperative. At the Congress, you will be able to join mentorship sessions - where small groups of students can have a candid conversation with esteemed neurosurgeons. You will be able to voice your questions, learn from their path to a neurosurgical career, and ask for advice to aid you in your journey.



## Mentors at Hamburg '23

Prof. Hugues Duffau  
France

Prof. Jens Gempt  
Germany

Prof. Jürgen Beck  
Germany

Dr. Raúl Rincón Navarro  
Mexico

Prof. Veerle Visser-Vandewalle  
Germany

Prof. Dietmar Krex  
Germany

Prof. Walter Stummer  
Germany

Prof. Bernhard Meyer  
Germany

Prof. Thomas Kapapa  
Germany

Prof. Franz Ricklefs  
Germany

Dr. Salim Al Abri  
Oman

Dr. Bashar Altunbi  
Oman



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# Congress Spotlight - Research

Breaking into the research community can be difficult as medical students, especially when there's no one right way to start. At the Congress, we make this process easier by providing an international platform for student researchers to present and share their work. If you want to begin working on projects, you can network with the presenters and come up with potential collaborations for you to work on!



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# Congress Spotlight - Programmes

**Our Social Programme** is planned meticulously to ensure that you can connect with the other attendees in an informal setting. Networking is such an integral part of the journey from medical student to resident, and we understand that it can be nerve-wracking. We plan social activities with this in mind, making it significantly easier to break the ice and forge strong connections.



The **Gala Dinner** is a formal event held at the end of the conference, meant to be a final opportunity to solidify your new connections and celebrate the Congress in a formal setting.



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# Why You Should Be With Us

## Be mentored and inspired by esteemed neurosurgeons

Our speakers are renowned worldwide and are **experts in the field of neurosurgery**. With their influence and wisdom, you would be inspired and guided towards a successful career in neurosurgery!

## An annual event that brings together an international cohort

**Connect with our immense network** that is always looking for new ways of contributing to the international advancement of medical knowledge and innovation.

## Sharpen your knowledge and gain some experience

Attending a congress with a focus on expert talks, mentorship sessions and hands-on workshops along with the potential to present your research is a strong platform to start gathering some experience for not only a clinical career in neurosurgery, but also an academic one.

## Join an international community of like-minded colleagues

As an attendee at the Congress, you instantly become part of an active community that shares the same passion of neurosurgery. Forge new connections and make lasting friendships while you exchange opportunities.

# ABOUT US



WEDNS is the leading international organization that offers a platform for students interested in neurosurgery, with over 50 student-led clubs worldwide.

The society is named after Walter E. Dandy - founding father of modern neurosurgery.



## OUR GOAL

The **improvement of neurosurgical care** worldwide through training and teaching neurosurgeons, and assisting doctors and medical students.

- Lectures for medical students
- Workshops
- Equality of women in neurosurgery

## ORGANIZING CONGRESSES AND SYMPOSIA, SUCH AS:

- Pan Arab Dandy Meeting 2022
- Pan American Dandy Meeting 2021
- Tbilisi Neurosurgical Symposium 2021 and 2022
- Neurological Student Congress Kazakhstan 2022
- Yearly World Congress for Neurosurgeons and Residents



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# Our International Network



50+

Student Clubs  
Worldwide



15+

Congresses For  
Neurosurgeons and  
Medical Students



5k+

Members and  
Networks



100+

Past Speakers  
and International  
Experts



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# Contact Information

For any queries, please direct your communications to:



**Aparna Venkatesan**  
Marketing Chair

Organising Committee  
The 4th Medical Students  
World Congress of Neurosurgery



[marketing@neurocongress.org](mailto:marketing@neurocongress.org)

Alternatively, you can DM us on Instagram or fill out the contact form on the website. We will reply to your query as soon as possible.

**Scan the QR code below or visit our website for more information, to submit an abstract, or register for the congress.**



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