

PRESS RELEASE

Jung Symposium 2024: experience cutting-edge research now on YouTube

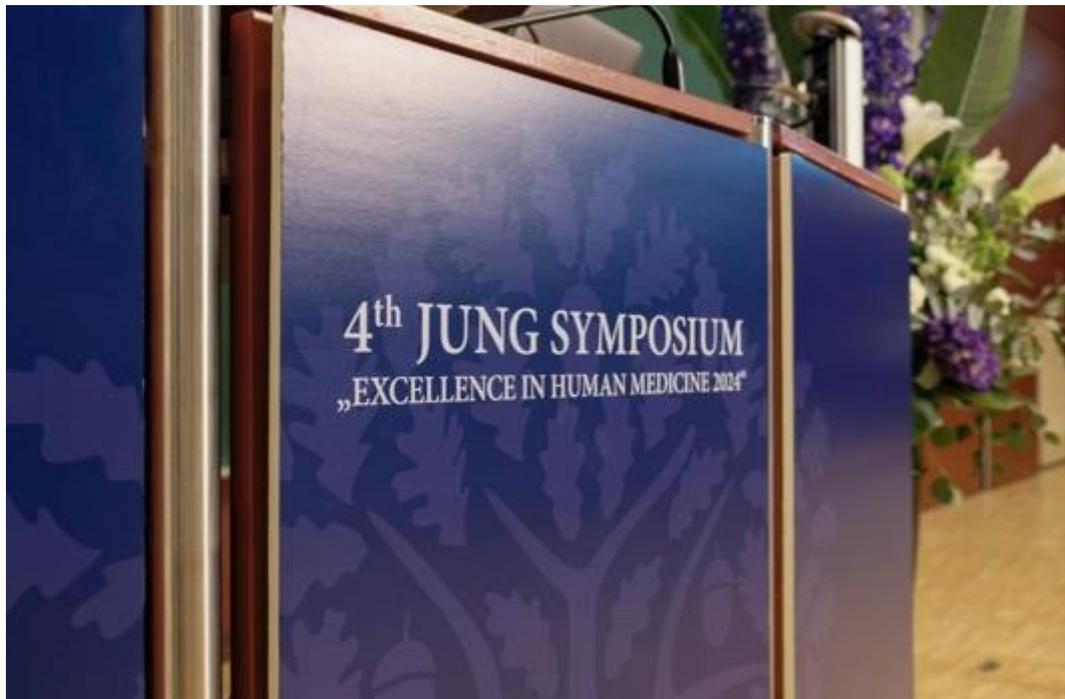
Stream fascinating research findings from the fields of cardiology and neurology and on the subject of metabolism on demand



Young talents and scientific luminaries: Jung Foundation award winners who gave exciting presentations on their respective research projects and specialist areas at the 4th Jung Symposium: from left to right Prof Rudolf Zechner, Dr Maximilian U. Friedrich, Dr Christine Maria Poch, Prof Jens Brüning

Hamburg, 8th May 2024. 'Excellence in Human Medicine 2024' – it was under this motto that the Hamburg-based Jung Foundation for Science and Research held the 4th Jung Symposium this year. In inspiring lectures on May 3, cardiologist Dr med. Christine Maria Poch and neurologist Dr med. Maximilian U. Friedrich presented their excellent research findings alongside the two renowned metabolic researchers Professor Dr phil. Rudolf Zechner and Professor Dr med. Jens Brüning. The event was held in the Ian K. Karan auditorium at the University Medical Center Hamburg-

Eppendorf, from where it was live-streamed around the world. Hundreds of scientists, aspiring doctors and other interested parties attended the symposium in person or watched via the live stream. For all those who missed out, however, there is good news: the lectures are now available to watch on demand on the Jung Foundation's YouTube channel.



A fascinating insight into cutting-edge research work: That is what the Jung Foundation provided on May 3, to numerous scientists, aspiring doctors and other interested parties. Promising young researchers and renowned personalities from the world of contemporary science presented their findings at the 4th Jung Symposium – under the title ‘Excellence in Human Medicine 2024’ – and were also on hand to answer questions.

The event was kicked off by Dr med. Maximilian U. Friedrich with his lecture titled ‘Brain in balance – decoding brain networks of equilibrium and understanding their therapeutical implications’. The clinician scientist in neurology is currently working as a post-doctoral researcher at the Center

for Brain Circuit Therapeutics at Brigham and Women’s Hospital and as a Research Fellow at Harvard Medical School. In recognition of his interesting project, the Jung Foundation presented him with a Jung Career Advancement Award. The young scientist is free to use the €210,000 accompanying the award as he sees fit in order to advance his research.



Then followed a lecture given by Dr med. Christine Maria Poch, who is a specialist in cardiology and a clinical researcher at the Clinic and Polyclinic for Internal Medicine I of the Klinikum rechts der Isar of the Technical University of Munich. In her lecture, titled ‘A matter of the heart – simulating and researching heart disease and treatment options in a 3D heart model’, she talked about her research project, which simulates heart diseases in different three-dimensional models with the aid of 3D printing technology, among other things. She is thus creating valuable platforms for research into cardiovascular diseases and establishing the basis for new forms of therapy. For this research, the Jung Foundation also presented her with a Jung Career Advancement Award worth €210,000, which she can use as she sees fit in order to continue her work.



After a short break, Prof. Jens Brüning took to the speaker's desk. In his lecture 'Central nervous regulation of energy and sugar metabolism', he provided interesting insights into his field of expertise. The Director of the Max Planck Institute for Metabolism Research and the Polyclinic for Endocrinology, Diabetology and Preventive Medicine at the University of Cologne recently received one of the prestigious ERC Advanced Grants. In 2009, he was also awarded the Jung Prize for Medicine and is currently a member of the Jung Foundation's Scientific Advisory Board.



The event's final speaker was Prof. Rudolf Zechner, who presented 'A life's work in metabolic research – the discovery of the mechanisms of fat degradation in the cell'. Shortly before, the Professor Emeritus at the Institute of Molecular Biosciences at the University of Graz, Austria, had received the Jung Gold Medal for Medicine, which was presented to him by the Jung Foundation for Science and Research for his contributions to the study of lipid metabolism.



The symposium could be attended in person and viewed online via a live stream. It was free of charge and open to all interested parties. Audience members at the event also had the opportunity to ask questions, which were answered after each lecture.

The Jung Foundation for Science and Research launched the Jung Symposium to create a platform for scientific communication across borders and disciplines. By bringing together researchers, doctors and students, the symposium aims to inspire people, provide new insights and promote innovation. The recordings of the symposium lectures are now available to watch on YouTube on the Jung Foundation's channel.

The Jung Foundation's channel can be found here:

<https://www.youtube.com/@jungstiftungfurwissenschaft3753>

You can find Dr med. Maximilian U. Friedrich's lecture here:

<https://youtu.be/bqYasm96-70>

You can find Dr med. Christine Maria Poch's lecture here:
https://youtu.be/WPU_A6p1ASl

You can find Professor Dr med. Jens Brüning's lecture here:
<https://youtu.be/dc9m4P1H14Q>

You can find Professor Dr phil. Rudolf Zechner's lecture here:
https://youtu.be/2lyGggV_Mnw

Additional images from the Jung Symposium 2024:



Above: Visitors to the 4th Jung Symposium 2024

Below: Scientific moderator of the 4th Jung Symposium, Prof. Dr rer. nat. Dr med. habil. Andreas H. Guse, Vice Dean for Teaching at the University Medical Centre Hamburg-Eppendorf, all speakers together with the moderation team Prof. Guse and Meike Ment from Muthkomm



About the Jung Foundation for Science and Research

The Jung Foundation for Science and Research, based in Hamburg, Germany, annually provides up to three awards in recognition of fundamental and advanced research projects of significant clinical relevance. To date, the foundation has invested more than 15 million euros in supporting researchers whose projects build a bridge between research and the bedside. Under the motto of 'Excellence in human medicine', the foundation makes a significant contribution to the development of new treatment methods. The Jung Prize for Medicine, the Jung Gold Medal for Medicine and the Jung Career Advancement Award for Medical Research are among the most highly endowed medical prizes in Europe. With the additional awarding of fellowships and German scholarships, the foundation provides a total funding of up to 650,000 euros annually.

Further information is available at www.jung-stiftung.de

Press contact:

MuthKomm GmbH

Hopfensack 19

20457 Hamburg

Germany

Phone: +49 (0)40 307070710

Email: nele.luchsinger@muthkomm.de