

Ulrike Holzgrabe and Lutz Heide receive Science Prize from the Dr. August and Dr. Anni Lesmüller Foundation

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From left: The Chairman of the Foundation Board, pharmacist Dr. Hermann Vogel, laudator pharmacist Prof. Dr. Petra Högger, the award winners pharmacist Prof. Dr. Lutz Heide and pharmacist Prof. Dr. Ulrike Holzgrabe, the Chairman of the Foundation Board, pharmacist Thomas Benkert and laudator pharmacist Prof. Dr. Frank Dörje. (Photo: Lesmüller Foundation, Munich)

Tübingen, 09.10.2023. The Science Prize of the Dr. August and Dr. Anni Lesmüller Foundation, endowed with 100,000 Euro, goes in equal parts to Prof. Dr. Ulrike Holzgrabe and Prof. Dr. Lutz Heide. At the annual conference of the German Pharmaceutical Society (DPhG) on October 9, 2023 in Tübingen, the professors from the Julius-Maximilians-Universität Würzburg and from the Eberhard-Karls-Universität Tübingen were honored for their excellent scientific work and their extraordinary social commitment on the occasion of the 25th anniversary of the Dr. August and Dr. Anni Lesmüller Foundation.

Laudator Prof. Dr. Frank Dörje praised Holzgrabe as an outstanding scientist, deserving professor and committed pharmacist: “....”

In her speech for the award winner Prof. Dr. Lutz Heide, laudator Prof. Dr. Petra Högger highlighted his extensive scientific expertise: "Prof. Heide's scientific research activities began with the investigation of biosynthesis and the biotechnological production of bioactive molecules in plant cell cultures. Following his discovery and functional analysis of biosynthetic gene clusters of the aminocoumarin antibiotics in soil bacteria, a further focus is the development of genetic and genomic methods for the search for new antibiotics." In addition to his clear focus on basic research, Heide also conducted clinical studies in humans on the efficacy of herbal medicines. "A project close to Mr. Heide's heart is research into falsified and substandard medicines in African countries. Falsified and substandard medicines

are blamed by the WHO for hundreds of thousands of deaths. Mr. Heide is committed to the application and further development of analytical methods for quality control and assurance that are applicable and reliable even in low-resource environments," says Högger. The results of his investigations into falsified medicines have had far-reaching consequences. The World Health Organization issued several international alerts, there were market withdrawals of medicines which had been proven to be falsified and substandard, and the British Medicines and Healthcare Products Regulatory Agency (MHRA) even ordered the closure of a British wholesaler who had sold a dangerously substandard medicine manufactured in India to the Malawian government. Prof. Heide has also done pioneering work in teaching with unique projects. He was one of the first German university professors to actively promote the newest pharmaceutical academic discipline, clinical pharmacy, e.g. by developing the pioneering certificate course "Clinical Pharmacy" at Tübingen University. There, he also offers the course "Pharmacy in Global Health - Pharmacy in Development Cooperation and Disaster Relief", which is unique in Germany, as an elective course for undergraduate pharmacy students and as an accredited continuous professional development course for licensed pharmacists."