

University-Professor Ralph Mösges, FAAAAI (MD, PhD, MSEE) is an otorhinolaryngologist and allergologist. He resides in Cologne, Germany, where he is a member of the Medical Faculty of the University at Cologne, Germany's second oldest university founded in 1388.

He is the owner and director of Clinical Research International Ltd. Hamburg, Germany and of ClinCompetence Cologne GmbH, Cologne, Germany, two contract research organizations which focus on methodological and clinical research in the Head and Neck field and in Allergology. From 1996 until 2017 he was Professor for Medical Informatics and he served during the years 2015-2017 as Chairman of the Institute of Medical Statistics, Informatics and Epidemiology at the University of Cologne in Germany. He has previously been a consultant for otorhinolaryngology and responsible for the ORL Allergy Clinic at the University Hospital, Medical Faculty of Aachen, where he was a lecturer in otorhinolaryngology.

Ralph Mösges has completed studies in the fields of electrical engineering, and medicine at the University of Aachen, Germany, and has received a diploma in engineering, a master degree in public administration and a doctoral degree in medicine. He has undergone training and worked in departments of pulmonology and otorhinolaryngology and has received advanced degrees in otorhinolaryngology, allergology, and medical informatics. He holds a PhD degree in medical informatics.

Professor Mösges holds a patent for "computer-assisted surgery" and is the editor of the handbook of "Computer-integrated Surgery" which was published by MIT Press, Cambridge, Massachusetts. He was Program Chairman of the MRCAS World Congress on Medical Robotics and Computer-assisted Surgery.

His current major research fields are allergy and infections diseases of the upper airways, epidemiology, and clinical pharmacology.

He gave keynote lectures at the conference of the International Rhinologic Society in Ghent, Belgium, and at conferences of national academies and was invited by national societies of allergy and otorhinolaryngology to lecture in 87 countries.

In 2009 Prof. Mösges has received the IFOS-Award for the best poster in Rhinology/plastic surgery at the IFOS World Congress of Otolaryngology and the German Apheresis Innovation Award for his research in sudden deafness.

Ralph Mösges is the author and editor of ten books and has published more than 250 articles in Medline-listed journals. He serves on the editorial board of the journals *Heliyon*, *Journal of Clinical Medicine* and several other German and foreign journals.

He was the chairman and still serves on the board of the International Standardization Committee for the Objective Assessment of the Upper Airways (ISCOANA), a task force of the International Rhinologic Society (IRS) and serves as a member of the guidelines committee of the German Academy of Otorhinolaryngology, Head and Neck Surgery and he is also a member of the task forces for the development of guidelines in rhinosinusitis and in sudden deafness of this scientific society. Professor Mösges is a member of the German and European Academies of Allergy and Rhinology and a fellow of the American Academy of Allergy, Asthma and Immunology.

He was the Head and served as a board member of the ENT-section of the European Academy of Allergy EAACI and was the Vice-President of INTERASMA the Global Asthma Association.

Since 1989 Professor Mösges has been involved as principal investigator, study coordinator, investigator, or biostatistician in more than 200 clinical studies. He has also been a consultant for private and public institutions such as Daimler Benz AG, Philips B.V., the German Aerospace Agency, and the German Research Council (DFG) and has served on numerous data safety monitoring boards of clinical trials.