

Prof. Dr. Stefan Schwarz

After having studied Veterinary Medicine (1981-1986) at the Justus-Liebig-University (JLU) Giessen, Germany, Stefan Schwarz did his Dr. med. vet. degree in Biochemistry in 1987 at the JLU Giessen. Thereafter, he worked as a postdoc at JLU Giessen in Virology (1987-1988) and Bacteriology & Immunology (1988-1992) before continuing his research at the Federal Agricultural Research Centre (1992-2007). During that time, he did his habilitation thesis at the University for Veterinary Medicine Hannover (1995) and was appointed as Apl. Professor for Microbiology at the same university in 1998. From 2008-2016, he worked at the Friedrich-Loeffler-Institut (Federal Institute for Animal Health) before taking over the position of the Head of the Institute of Microbiology and Epizootics at Freie Universität Berlin in October 2016.

Stefan Schwarz is a specialist veterinarian in (i) Microbiology, (ii) Epidemiology, and (iii) Molecular Genetics and Gene Technology. Since 2014, Stefan Schwarz also holds a visiting professorship at the College of Veterinary Medicine of China Agricultural University in Beijing, China. In 2020, he was appointed as an Academician of the National Academy of Sciences Leopoldina.

Stefan Schwarz received several national and international research awards, has published >600 research papers in international journals with peer-review system, 37 book chapters and 2 books. His *h*-index is actually at 95 and his research papers were cited by others >38,500 times. He is Senior Editor of the Journal of Antimicrobial Chemotherapy and Co-Editor-in-Chief of Veterinary Microbiology and One Health Advances.

His main research interests are: (i) antimicrobial resistance in Gram-positive/Gram-negative bacteria, (ii) structure and regulation of antimicrobial resistance genes, (iii) molecular genetics and epidemiology of mobile genetic elements, (iv) resistance-mediating mutations, (v) monitoring of antimicrobial susceptibility, (vi) antimicrobial susceptibility testing methods, and (vii) molecular typing of bacteria.

As a cat lover, he works in his free time in a small animal shelter for abandoned cats and dogs.

