Biographical Sketch

Stefan Mundlos

Professor and Chairman - Institute for Medical and Human Genetics, Charité Berlin Medical School
Head - Development & Disease, Max Planck Institute for Molecular Genetics, Berlin

Stefan Mundlos is currently Professor and Chairman of the Institute for Medical and Human Genetics at the Charité, Berlin's Medical School, and head of the research group Development & Disease at the Max Planck Institute for Molecular Genetics in Berlin. He received his MD (1985) and Dr. med. (1987) from the University of Heidelberg, Germany. After a specialization in Pediatrics in the University Hospital of Mainz, Germany, he moved to Melbourne to work and train in the Murdoch Institute, followed by a research period at the Harvard Medical School in the Dept. of Cell Biology with Prof. Bjorn Olsen. In 1996 he moved back to the University of Mainz and became appointed Professor at the Institute for Human Genetics in Heidelberg in 1999. In 2000 he moved to Berlin to his present position. His lifelong interest is in genotype-phenotype correlations and the molecular basis of Mendelian disorders with a particular focus on congenital malformations and skeletal disease. He discovered numerous disease genes and has a special interest in understanding the developmental biology of mutations. He was awarded the Adalbert-Czerny Award (1997), Pierre Maroteaux award (2009), will receive the European Society of Human Genetics Award in 2016, and was elected to the Deutsche Akademie für Naturforscher ‚Leopoldina' (2006), the Berlin-Brandenburger Akademie der Wissenschaften (2014) and is elected EMBO member (2017). His current interests and research projects are focused on the function of non-coding DNA in gene regulation and disease, the functional in vivo analysis of structural variations, as well as the development of tools for the diagnostics of genetic disorders.