

Dr. Sigrid Müller-Deubert

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Sigrid graduated with a diploma degree (Biology) from the Julius-Maximilians-Universität Würzburg (JMU), Germany. She graduated at the Institut of Virologie and Immunbiologie and at the Institut of Pathology of the Universität Würzburg of the University of Würzburg and obtained her Dr. rer. nat. degree in 1996. Afterwards she did the molecularbiological diagnosis of lymphoma as a research associate until 2000. After parental leave she started in 2004 as a lecturer for biology and chemistry at the vocational school for nursing until 2020. In 2007, she started at the Orthopedic Department, Orthopedic Hospital König-Ludwig-Haus Würzburg, joining a project concerning application and quantification of mechanical stress to cultured cells. Since then, her main topics are mesenchymal stromal cells in bone regeneration and degenerative diseases with a special focus on mechanotransduction. From 2013 until 2016 and from 2019 until 2022, Sigrid worked as a managing director for two research associations of the Bayerische Forschungstiftung. Additionally, she was Head of the office of the project "Zentrum für Bewegungsforschung" within the framework of the Europäischen Fonds für regionale Entwicklung EFRE from 2015 until 2022. Sigrid has published several articles; currently she is participating in a BMBF-funded consortium (KMU-innovativ-Verbundprojekt: Reproduzierbare Cellsysteme für die Wirkstoffforschung: Transferschichtfreier Laserdruck von hoch-spezifischen Einzelzellen in dreidimensionale zelluläre Strukturen (CellWiTaL)- Teilvorhaben: Herstellung und Validierung von hochorganisierten muskuloskelettalen 3D-Zellnischen FKZ 13N15874).