Curriculum Vitae **Daniela Kugelmann**

Personal Data

Title	Dr. med.
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Selection of peer-reviewed research articles:

1. Fuchs M, Radeva MY, Spindler V, Vielmuth F, **Kugelmann D**[#], Waschke J[#]; Cytoskeletal anchorage of different Dsg3 pools revealed by combination of hybrid STED/SMFS-AFM. *J. Cell Mol Life Sci.* 2023 Jan 5;80(1):25. doi: 10.1007/s00018-022-04681-9.
2. **Kugelmann D**, Anders M, Sigmund AM, *et int.* Waschke J. Role of ADAM10 and ADAM17 in the Regulation of Keratinocyte Adhesion in Pemphigus Vulgaris. *Front. Immunol.* 2022 Jun; 13:884248. Doi: 10.3389/fimmu.2022.884248.
3. Fuchs M, **Kugelmann D**, Schlegel N, Vielmuth F, Waschke J. Desmoglein 2 can undergo Ca2+-dependent interactions with both desmosomal and classical cadherins including E-cadherin and N-cadherin. *Biophys J.* 2022 Feb 17:S0006-3495(22)00147-3. doi: 10.1016/j.bpj.2022.02.023.
4. Bork F, Lehner A, Eck U, *et int*, **Kugelmann D**. The Effectiveness of Collaborative Augmented Reality in Gross Anatomy Teaching: A Quantitative and Qualitative Pilot Study, *Anat Sci Educ*. 2020 Sep 6. Doi:10.1002/ase.2016.
5. **Kugelmann D**, Radeva MY, Spindler V, Waschke J. Desmoglein 1 Deficiency Causes Lethal Skin Blistering. *J Invest Dermatol.* 2019 Jul;139(7):1596-1599.e2. doi: 10.1016/j.jid.2019.01.002.
6. **Kugelmann D**, Rötzer V, Walter E, *et int,* Waschke J. Role of Src and Cortactin in Pemphigus Skin Blistering. *Front Immunol.* 2019 Apr 4;10:626. doi: 10.3389/fimmu.2019.00626.
7. Bork F, Stratmann L, Enssle S, *et int*, **Kugelmann D**. The Benefits of an Augmented Reality Magic Mirror System for Integrated Radiology Teaching in Gross Anatomy. *Anat Sci Educ.* 2019 Jan 29. doi: 10.1002/ase.1864
8. **Kugelmann D**, Rotkopf LT, Radeva MY, *et int.* Waschke J. Histamine causes endothelial barrier disruption via Ca2+-mediated RhoA activation and tension at adherens junctions. *Sci Rep.* 2018 Sep 5;8(1):13229. doi: 10.1038/s41598-018-31408-3.
9. Ungewiß H, Vielmuth F, Suzuki ST, *et int*, **Kugelmann D**, Schlegel N, Waschke J. Desmoglein 2 regulates the intestinal epithelial barrier via p38 mitogen-activated protein kinase. *Sci Rep.* 2017 Jul 24;7(1):6329. doi: 10.1038/s41598-017-06713-y.
10. **Kugelmann D**, Waschke J, Radeva MY. Adducin is involved in endothelial barrier stabilization. *PLoS One*. 2015 May 15;10(5):e0126213. doi: 10.1371/journal.pone.0126213.