

CV

Name, academic title Waschke, Jens – Prof. Dr. med.
Year of birth 1974
Current position Professor and Chairman (W3-3), Institute of Anatomy and Cell Biology, Department I
Institution Ludwig-Maximilians-Universität (LMU) Munich
Address Pettenkoferstrasse 11, 80336 Munich
Tel: 089-2180-72610, Fax: 089-2180-72602
E-Mail: jens.waschke@med.uni-muenchen.de

Education:

1994 – 2000 Medical School at the University of Würzburg, Germany

Academic Qualification:

2000 3rd medical state examination, University of Würzburg, Germany
2000 Doctoral thesis at the Institute of Anatomy and Cell Biology, Würzburg
2002 Approbation as Physician
2005 Specialist for Anatomy of the Anatomical Society
2007 Habilitation and venia legendi for Anatomy and Cell Biology
2011 Specialist for Anatomy of the Bavarian State Chamber of Physicians

Professional Career:

2000 – 2002 Internship (AIP) at the Institute of Anatomy and Cell Biology and at the Medical hospital, Würzburg
2002 – 2008 Group leader (C1) at the Institute of Anatomy and Cell Biology, Würzburg
2003 – 2004 Sabbatical with Prof. Dr. Curry, Human Physiology, University of California, Davis, USA (9 months)
2008 – 2011 Professor and Chairman, Department of Anatomy and Cell Biology III, University of Würzburg
2011– now Professor and Chairman, Department of Anatomy and Cell Biology I, Ludwig-Maximilians-Universität (LMU) Munich

Memberships:

Anatomische Gesellschaft (since 2001)
Anatomical Society of Ethiopia (ASE) (since 2016)

Roles – Honors/Awards:

2005 Albert-Koelliker teaching award
2006 Wolfgang Bargmann award of the Anatomical Society

2011 – now	Council board of the Bavarian State Chamber of Physicians
2012- now	Development of Learning platform quoWADIs with Dr. Andreas Dietz
2013 – 2022	IFAA (International federation of Associations of Anatomists) representative of the Anatomical society
2014	Offer: Chair of anatomy and histology, Head of center of anatomy and cell biology, Medical University Vienna (MUW), declined
2015 – now	Council board of the IMPP (Institut für medizinische und pharmazeutische Prüfungsfragen)
2016 - now	Honorary member of the Anatomical Society of Ethiopia (ASE)
2017	Rolf-Becker award of the Medical Faculty LMU
2018	EFEM lecture
2018	President of the Anatomische Gesellschaft
2018-2022	Board of the Anatomische Gesellschaft, Ressort “International Affairs”
2019	Offer: Chair of anatomy, MHH Hannover, declined
2020-now	Scientific board of der support group for ARVC
2020-2023	Co-Speaker of the DFG- Reserach Unit FOR 2497 PEGASUS
2022-	Organizer of the Alpine Desmosome Disease Meeting with Prof. Volker Spindler (Basel)(https://desmosome-disease-meeting.com/)

Editorial roles:

Annals of Anatomy (Editorial Board), 2007-2021

Taschenbuch Anatomie, since 1. Ed. 2007 (Drenckhahn/Waschke)

Sobotta: Atlas of human anatomy, since 23. Ed. 2010 (Paulsen/Waschke)

Anatomy-The text book Sobotta, since 1. Ed. 2015 (Waschke/Böckers/Paulsen)

Sobotta: Anatomy dissection atlas, since 1. Ed. 2015 (Paulsen/Waschke)

Kurzlehrbuch Anatomie, since 1. Ed. 2017 (Waschke)

Einbein (Anatomy thriller), since 1. Ed 2021 (Waschke)

Most important publications:

1. **Waschke J**, Bruggeman P, Baumgartner W, Zillikens D, Drenckhahn D. (2005) Pemphigus foliaceus IgG cause dissociation of desmoglein 1-containing junctions without blocking desmoglein 1 transinteraction. *J. Clin. Invest.* 115(11):3157-65. (IF 15.0)

2. **Waschke J**, Spindler V, Bruggeman P, Zillikens D, Schmidt G, Drenckhahn D. (2006) Inhibition of Rho A activity causes pemphigus skin blistering. *J. Cell Biol.*, 175(5): 721-7. (IF 10.1)

3. Spindler V, Rötzer V, Dehner C, Kempf B, Gliem M, Radeva M, Hartlieb E, Harms G, Schmidt E, **Waschke J**. (2013) Peptide-mediated desmoglein 3 crosslinking prevents pemphigus vulgaris autoantibody-induced skin blistering, *J. Clin. Invest.* 123(2):800-811. (IF 13.7)
4. Schinner C, Vielmuth F, Rötzer V, Hiermaier M, Radeva M, Co TK, Hartlieb E, Schmidt A, Imhof A, Messoudi A, Horn A, Schlipp A, Spindler V, **Waschke J** (2017) Adrenergic signalling strengthens cardiac myocyte cohesion, *Circ Res.*120(8):1305-1317. (IF 2017:15.2)
5. Ungewiß H, Rötzer V, Meir M, Fey C, Diefenbacher M, Schlegel N, **Waschke J** (2018) Desmoglein 2 via Src-mediated transactivation shapes EGFR signaling towards cell adhesion. *Cell. Mol. Life Sci.*, 75:4251-4268. (IF 2018: 7.0)
6. Schinner C, Olivares-Florez S, Schlipp A, Trenz S, Feinendegen M, Flaswinkel H, Kempf E, Egu DT, Yeruva S, **Waschke J** (2020) The inotropic agent digitoxin strengthens desmosomal adhesion in cardiac myocytes in an ERK1/2-dependent manner. *Basic Res Cardiol.* 115(4):46. Impact factor 2020: 17.1
7. Egu DT, Sigmund AM, Schmidt E., Spindler V, Walter E, **Waschke J** (2020) A new ex vivo human oral mucosa model reveals that p38MAPK inhibition is not effective to prevent autoantibody-induced mucosal blistering in pemphigus., *Br J Dermatol*, 182(4):987-994. Impact factor 2020: 9.3
8. Schmitt T, Egu DT, Walter E, Sigmund AM, Eichkorn R, Yazdi A, Schmidt E, Sárdy M, Eming R, Goebeler M, **Waschke J** (2021) Ca²⁺ signalling is critical for autoantibody-induced blistering of human epidermis in pemphigus. *Br J Dermatol.* 185(3):595-604. Impact factor 2021: 11.1
9. Fuchs M, Radeva MY, Spindler V, Vielmuth F, Kugelmann K, **Waschke J** (2023) Cytoskeletal anchorage of different Dsg3 pools revealed by combination of hybrid STED/SMFS- AFM, *Cell Mol Life Sci.*. 80(1):25. doi: 10.1007/s00018-022-04681-9. Impact factor 2021: 9.2
10. Sigmund AM, Winkler M, Engelmayer S, Kugelmann D, Egu DT, Steinert LS, Fuchs M, Hiermair M, Radeva MY, Bayerbach FC, Butz E, Kotschi S, Hudemann C, Hertl M, Yeruva S, Schmidt E, Yazdi AS, Ghoreschi K, Vielmuth F, **Waschke J** (2023) Apremilast prevents blistering in human epidermis and stabilizes keratinocyte adhesion in pemphigus. *Nat Comm*, 14(1):116. doi: 10.1038/s41467-022-35741-0. Impact factor 2021: 17.6